

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

### MULTIMEDIA

Facility is listed in a county/local unique database

**DATABASE: State/County (LOCAL)**

LOS ALISOS WATER DISTRICT  
21802 WISTERIA  
EL TORO, CA 92630  
EDR ID #S105023648

Cortese:

Region: CORTESE  
Facility Addr2: Not reported



**EDR**® Environmental  
Data Resources Inc

## **EDR Site Report™**

**LOS ALISOS WATER DISTRICT  
21802 WISTERIA  
LAKE FOREST, CA 92630**

**Inquiry Number:**

**April 2, 2008**

### **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

#### **Nationwide Customer Service**

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Internet: [www.edrnet.com](http://www.edrnet.com)



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The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases Searched and Update Information. . . . . Page 6**

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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## SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
<b>AREA</b>	LOS ALISOS WATER DISTRICT 21802 WISTERIA LAKE FOREST, CA 92630 EDR ID #S105774118
<b>WASTE MANAGEMENT</b> Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	YES - p4
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
<b>WASTE DISPOSAL</b> Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
<b>MULTIMEDIA</b> Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
<b>POTENTIAL SUPERFUND LIABILITY</b> Facility has a list of potentially responsible parties PRP	NO
<b>TOTAL (YES)</b>	1

## SECTION 2: FACILITY DETAIL REPORTS

### WASTE MANAGEMENT

Facility has reported leaking underground storage tank incidents

**DATABASE: Leaking Petroleum Storage Tank Database (LUST)**

LOS ALISOS WATER DISTRICT  
21802 WISTERIA  
LAKE FOREST, CA 92630  
EDR ID #S105774118

LUST:

Region: STATE  
Case Type: Soil only  
Cross Street: Not reported  
Enf Type: Not reported  
Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global Id: T0605901013  
Stop Date: 9999-09-09 00:00:00  
Confirm Leak: Not reported  
Workplan: Not reported  
Prelim Assess: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1990-02-28 00:00:00  
Discover Date: 1989-08-30 00:00:00  
Enforcement Dt: Not reported  
Release Date: 1989-08-30 00:00:00  
Review Date: Not reported  
Enter Date: Not reported  
MTBE Date: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Max MTBE GW ppb: Not reported  
Max MTBE Soil ppb: Not reported  
County: 30  
Org Name: Not reported  
Reg Board: Santa Ana Region  
Status: Case Closed  
Chemical: Diesel  
Contact Person: Not reported  
Responsible Party: KEN PETERSON  
RP Address: P O BOX 699  
Interim: Not reported  
Oversight Prgm: LUST  
MTBE Class: \*  
MTBE Conc: 0  
MTBE Fuel: 0  
MTBE Tested: Not Required to be Tested.  
Staff: NOM  
Staff Initials: JS  
Lead Agency: Local Agency  
Local Agency: 30000L  
Hydr Basin #: Not reported  
Beneficial: MUN  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Local Case #: 89UT157  
Case Number: 083001324T  
Qty Leaked: 0  
Abate Method: Not reported  
Operator: Not reported  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: Not reported

LUST:

Region: 8  
Case Type: Soil only  
Cross Street: Not reported



## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901013
How Stopped Date:	9/9/9999
Review Date:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	2/28/1990
Discover Date:	8/30/1989
Enforcement Date:	Not reported
Review Date:	Not reported
Enter Date:	Not reported
MTBE Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Max MTBE GW:	Not reported
Max MTBE Soil:	Not reported
County:	Orange
Operator:	Not reported
Regional Board:	08
Facility Status:	Case Closed
Substance:	12034
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6561764
Longitude:	-117.6846135
MTBE Concentration:	0
MTBE Fuel:	0
MTBE Tested:	NRQ
Staff:	NOM
Staff Initials:	JS
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Local Case Num:	89UT157
Case Number:	083001324T
Qty Leaked:	0
Abate Method:	Not reported
MTBE Class:	*
Summary:	Not reported



**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Former IRWD Site  
Commercentre Drive/Biscayne Parkway Drive  
Lake Forest, CA 92630**

**Inquiry Number: 2181254.2s**

**March 28, 2008**

## **The Standard in Environmental Risk Information**

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

COMMERCENTRE DRIVE/BISCAYNE PARKWAY DRIVE  
LAKE FOREST, CA 92630

#### COORDINATES

Latitude (North): 33.660100 - 33° 39' 36.4"  
Longitude (West): 117.682690 - 117° 40' 57.7"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 436703.1  
UTM Y (Meters): 3724485.2  
Elevation: 695 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

#### FEDERAL RECORDS

Proposed NPL..... Proposed National Priority List Sites  
Delisted NPL..... National Priority List Deletions  
NPL LIENS..... Federal Superfund Liens  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned  
LIENS 2..... CERCLA Lien Information  
RCRA-TSDF..... RCRA - Transporters, Storage and Disposal  
RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator  
RCRA-NonGen..... RCRA - Non Generators



## EXECUTIVE SUMMARY

<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>DOT OPS</b>	Incident and Accident Data
<b>US CDL</b>	Clandestine Drug Labs
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>LUCIS</b>	Land Use Control Information System
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>DEBRIS REGION 9</b>	Torres Martinez Reservation Illegal Dump Site Locations
<b>MINES</b>	Mines Master Index File
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>HIST FTTS</b>	FIFRA/TSCA Tracking System Administrative Case Listing
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>RADINFO</b>	Radiation Information Database
<b>FINDS</b>	Facility Index System/Facility Registry System
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>HIST Cal-Sites</b>	Historical Calsites Database
<b>CA BOND EXP. PLAN</b>	Bond Expenditure Plan
<b>SCH</b>	School Property Evaluation Program
<b>Toxic Pits</b>	Toxic Pits Cleanup Act Sites
<b>SWFLF</b>	Solid Waste Information System
<b>CA WDS</b>	Waste Discharge System
<b>Cortese</b>	"Cortese" Hazardous Waste & Substances Sites List
<b>SWRCY</b>	Recycler Database
<b>LUST</b>	Geotracker's Leaking Underground Fuel Tank Report
<b>CA FID UST</b>	Facility Inventory Database
<b>SLIC</b>	Statewide SLIC Cases
<b>LIENS</b>	Environmental Liens Listing
<b>CHMIRS</b>	California Hazardous Material Incident Report System
<b>Notify 65</b>	Proposition 65 Records
<b>Orange Co. Industrial Site</b>	List of Industrial Site Cleanups
<b>DEED</b>	Deed Restriction Listing
<b>VCP</b>	Voluntary Cleanup Program Properties
<b>DRYCLEANERS</b>	Cleaner Facilities
<b>WIP</b>	Well Investigation Program Case List
<b>CDL</b>	Clandestine Drug Labs
<b>RESPONSE</b>	State Response Sites
<b>HAZNET</b>	Facility and Manifest Data
<b>AIRS</b>	Emissions Inventory Data
<b>HAULERS</b>	Registered Waste Tire Haulers Listing
<b>ENVIROSTOR</b>	EnviroStor Database

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
----------------------	---------------------



## EXECUTIVE SUMMARY

**INDIAN ODI**..... Report on the Status of Open Dumps on Indian Lands  
**INDIAN LUST**..... Leaking Underground Storage Tanks on Indian Land  
**INDIAN UST**..... Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants  
**EDR Historical Auto Stations**... EDR Proprietary Historic Gas Stations  
**EDR Historical Cleaners**..... EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

### FEDERAL RECORDS

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

A review of the NPL list, as provided by EDR, and dated 01/31/2008 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>USMC AIR STATION EL TORO</i></b>	<b><i>LAT 33 40 19 LONG 117</i></b>	<b><i>1/2 - 1 NW</i></b>	<b><i>0</i></b>	<b><i>6</i></b>

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

A review of the CORRACTS list, as provided by EDR, and dated 12/12/2007 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>USMC AIR STATION EL TORO</i></b>	<b><i>LAT 33 40 19 LONG 117</i></b>	<b><i>1/2 - 1 NW</i></b>	<b><i>0</i></b>	<b><i>6</i></b>

## EXECUTIVE SUMMARY

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/11/2007 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ARB INC</i>	<i>20602 INDIAN OCEAN</i>	<i>1/8 - 1/4NE</i>	<i>7</i>	<i>63</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>THE YOUNG ENGINEERS INC</i>	<i>25841 COMMERCENTRE DR</i>	<i>0 - 1/8 NE</i>	<i>4</i>	<i>54</i>
<i>DYNACAST INC</i>	<i>25952 COMMERCENTRE DR</i>	<i>1/8 - 1/4NE</i>	<i>5</i>	<i>57</i>

**DOD:** Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EL TORO MARINE CORPS AIR STATI</i>		<i>1/2 - 1 NW</i>	<i>0</i>	<i>6</i>

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

A review of the ROD list, as provided by EDR, and dated 01/14/2008 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>USMC AIR STATION EL TORO</i>	<i>LAT 33 40 19 LONG 117</i>	<i>1/2 - 1 NW</i>	<i>0</i>	<i>6</i>

### STATE AND LOCAL RECORDS

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

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GREENWASTE COMPOSTING</i>	<i>20712 INDIAN OCEAN DR</i>	<i>0 - 1/8 NE</i>	<i>3</i>	<i>53</i>

## EXECUTIVE SUMMARY

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

A review of the UST list, as provided by EDR, and dated 01/07/2008 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARB INC	20602 INDIAN OCEAN	1/8 - 1/4 NE	7	63

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONWAY EXPRESS	20697 PRISM PL	1/8 - 1/4 E	6	62

**HIST UST:** Historical UST Registered Database.

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
V.P. BAKER FILTRATION PLANT	PALMWOOD NORTH OF PEACH	0 - 1/8	1	52

**AST:** The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 11/01/2007 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SUNSTATE EQUIP LLC LAKE FOREST	20772 INDIAN OCEAN DR	0 - 1/8 NE	2	53

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONWAY EXPRESS	20697 PRISM PL	1/8 - 1/4 E	6	62



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
LOS ALISOS WATER DISTRICT	LUST, Cortese
LOS ALISOS WATER DISTRICT	LUST
BAKER (LAWD)	UST
LOS ALISO WATER DISTRICT	RCRA-SQG, FINDS
CONSTRUCTION SITE BET CREEK & EL TORRO	ERNS
SITE 1 / EXPLOSIVE ORDINANCE DISPOSAL	FINDS

# OVERVIEW MAP - 2181254.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

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

**SITE NAME:** 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

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	1	0	0	NR	NR	1
Cortese		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	0	2	NR	NR	NR	2
HIST UST		0.250	1	0	NR	NR	NR	1
AST		0.250	1	0	NR	NR	NR	1
LIENS		TP	NR	NR	NR	NR	NR	0
SWEEPS UST		0.250	0	1	NR	NR	NR	1
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
Orange Co. Industrial Site		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	0	0	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	0	0	0	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



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Distance  
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DOD  
Region  
NW  
1/2-1  
3403 ft.

EL TORO MARINE CORPS AIR STATION (CLOSED)

DOD CUSA143948  
N/A

EL TORO MARINE CORPS AIR (County), CA

DOD:

Feature 1: Marine Corps DOD  
Feature 2: Not reported  
Feature 3: Not reported  
URL: Not reported  
Name 1: El Toro Marine Corps Air Station (Closed)  
Name 2: Not reported  
Name 3: Not reported  
State: CA  
DOD Site: Yes  
Tile name: CAORANGE

NPL  
Region  
NW  
1/2-1  
3213 ft.

USMC AIR STATION EL TORO  
LAT 33 40 19 LONG 117 43 43  
NEAR EL TORO, CA 92709

PADS 1000417911  
CERCLIS CA6170023208  
RCRA-SQG  
FINDS  
NPL  
RCRA-TSDF  
RAATS  
CORRACTS  
ROD  
US ENG CONTROLS  
US INST CONTROL

CERCLIS:

Site ID: 0902770  
Federal Facility: Federal Facility  
NPL Status: Currently on the Final NPL  
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

Contact Name: Richard Muza  
Contact Tel: (415) 972-3349  
Contact Title: Remedial Project Manager (RPM)

Contact Name: Nuria Muniz  
Contact Tel: (415) 972-3811  
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name: MARINE CORPS AIR STA EL TORO  
Alias Address: Not reported  
SANTA ANA, CA  
Alias Name: EL TORO MARINE CORPS AIR STATION  
Alias Address: EL TORO MARINE CORPS AIR STA  
SANTA ANA, CA 92709  
Alias Name: EL TORO MARINE CORPS AIR STATION  
Alias Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709  
Alias Name: FORMER MCAS EL TORO  
Alias Address: EEPB FAC MGMT DEPT  
SANTA ANA, CA 91702

Site Description: MCAS El Toro was commissioned in 1943 as a Marine Corps pilot fleet operation

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training facility. In 1950, the Station was selected for development as a master jet station and permanent center for Marine Corps aviation on the west coast. The Station mission has involved the operation and maintenance of military aircraft and ground-support equipment. These activities generated oils, solvents, paint residues, hydraulic fluid, used batteries, and other wastes. Wastes were placed in unlined on-Station landfills, and burned or covered with soil. Environmental remediation activities at MCAS El Toro are performed under the Installation Restoration Program (IRP). The IRP was developed in 1980 by the United States Department of Defense (DoD) to comply with federal guidelines to manage and control past hazardous waste disposal actions. The first indication of contamination at the Station occurred during routine water-quality monitoring in 1985, when the Orange County Water District discovered trichloroethene (TCE) in groundwater at an irrigation well located approximately 3,000 feet downgradient of MCAS El Toro. In 1985, the DON began to work on an Initial Assessment Study (IAS) to locate potentially contaminated sites on the Station. This work was conducted for the Naval Facilities Engineering Command under the Navy Assessment and Control of Installation Pollutants Program, which was the DON version of the DoD IRP at that time. The IAS report identified 17 sites as potential sources of contamination. The identification of potentially contaminated sites was based on the results of record searches and employee interviews. The report recommended sampling locations and sample analytical parameters to confirm the suspected contamination at the sites. In 1987, the Marine Corps contracted for a review of the IAS to produce a Site Inspection Plan of Action (SIPOA). In July 1987, while the SIPOA study was underway, (California) Regional Water Quality Control Board (RWQCB) Santa Ana Region issued a cleanup and abatement order to the Marine Corps. This order required the Station to initiate a perimeter groundwater volatile organic compound (VOC) investigation and submit a draft report. The Site Inspection Plan of Action (SIPOA) released in August 1988 included a recommendation of 19 sites for study and amended the site sampling plans proposed in the IAS report. This SIPOA report served as the basis for the Sampling and Analysis Plan for the RI/Feasibility Study (FS) sites. In June 1988, the United States Environmental Protection Agency (U.S. EPA) recommended adding MCAS El Toro to the National Priorities List (NPL) of the Superfund Program due to VOC groundwater contamination at the Station boundary and in the agricultural wells west of the Station. MCAS El Toro was added to the National Priorities List (NPL) on 15 February 1990. In October 1990, the Marine Corps/DON signed a Federal Facilities Agreement (FFA) with U.S. EPA Region IX, California Department of Health Services, and the RWQCB Santa Ana Region. The FFA is a cooperative agreement that: 1) assures environmental impacts are investigated and appropriate response actions are taken to protect human health and the environment; 2) establishes a procedural framework and schedule for developing, implementing, and monitoring appropriate response actions; 3) facilities cooperation, exchange of information, and participation of the parties; and 4) assures adequate assessment, prompt notification, and coordination between federal and state agencies. The implementation of the FFA is included as one of the responsibilities of the Base Realignment and Closure (BRAC) Cleanup Team (BCT). The BCT consists of representatives from the DON Southwest Division Naval Facilities Engineering Command (SWDIV), U.S. EPA, DTSC, and RWQCB Santa Ana Region. The team was established to manage and coordinate environmental restoration and compliance programs related to the operational closure of MCAS El Toro by July 1999. In addition, the MCAS El Toro BCT has specified in its mission and vision statements that: 1) fast-track remediation of sites is necessary to expedite reuse; and 2) restoration and reuse is to be maximized by 1999. In December 1989, the DON began to prepare a Phase I RI Work Plan and associated documents for MCAS El Toro. The DON reviewed the available reports and other documents pertinent to past disposal



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USMC AIR STATION EL TORO (Continued)

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practices at the Station and concluded that 22 IRP sites would be investigated. These sites were grouped into three OU's. OU-1 comprised the regional VOC groundwater investigation (Site 18), which was conducted both on and off the Station. OU-2 included the four landfill sites (Sites 2, 3, 5, and 17) and Site 10, the Petroleum Disposal Area (this site was later moved to OU-3). The remaining 16 sites were grouped together as OU-3. These sites were considered to be potential sources for a variety of contaminants. The principal objectives of the Phase I RI were to evaluate the source(s) of contamination in regional groundwater west of the Station and determine whether contamination exists and is affecting the environment at sites in OU-2 and OU-3. The results of the Phase I RI were documented in a draft Technical Memorandum issued in July 1993, a draft RI report for OU-1 issued in July 1994, a final Soil Gas Survey Technical Memorandum issued in October 1994 and a draft final interim RI/FS Report for OU-1 issued in August 1996. A variety of contaminants in the groundwater, soil, surface water, and sediment at MCAS El Toro was identified during the Phase I RI. Contaminants in the soil and sediment consisted primarily of low concentrations of semi-volatile organic compounds (SVOCs), petroleum hydrocarbons, pesticides, herbicides, and polychlorinated biphenyls. It was also concluded during the Phase I RI that the source of contamination for regional groundwater is in the southwest quadrant of the Station, but no specific source was identified. The sampling events yielded sufficient information to warrant conducting a preliminary risk assessment of contaminants at the sites for both groundwater and soil contamination. The results of the Phase I RI provided the primary data for the Phase II RI/FS. In March 1993, MCAS El Toro was placed on the BRAC III list of military facilities considered for closure. Under the terms of the FFA, Station closure would not affect the DON's obligation to conduct the RI/FS and to comply with the other requirements of the FFA. Concurrent with the Phase I RI, the DON conducted a Resource Conservation and Recovery Act (RCRA) Facilities Assessment (RFA) at MCAS El Toro. The purpose of the RFA was to evaluate whether an additional 140 sites at MCAS El Toro would require further investigation under the Phase II RI/FS program. The final RFA report was submitted in July 1993. Based on an evaluation of the sampling results, 25 solid waste management units (SWMU's)/areas of concern (AOC's) were recommended for further action. Site 23 (Wastewater Treatment Plant Sewer Lines) was evaluated in the RFA and was recommended for no further action. The sewer lines are located within Site 24, which was added to the Phase II RI scope. Interviews with active and retired personnel from the Fuel Operations Division and Facility Management Department were held in July 1994 at MCAS El Toro. The objectives of the meeting were to confirm and supplement information obtained from past interviews and field investigations, to obtain a better understanding of current and historical operations at MCAS El Toro, and to identify new areas of potential environmental concern at MCAS El Toro. Those interviewed had knowledge of operations and procedures for storage and disposal of hazardous materials and waste. In July 1995, a final Work Plan for the Phase II RI/FS was issued. This Work Plan presented an approach to conduct the Phase II RI at 24 IRP sites including 2 new sites, Site 24 and Site 25. The objectives of the plan were to present a data quality objective-based sampling strategy to establish confidence that inferences made from the data are correct, and, ultimately, to collect sufficient information to support risk management decisions. The Phase II RI was conducted in 1995 and 1996. During the same time period, DON performed an evaluation of background concentrations of metals in soils and reference levels for pesticides and herbicides in soils. This enabled site-specific analytical results of soil sampling to be compared with background and reference levels during the RI to identify potential releases. Subsequent to the Phase II RI, an evaluation of metals in groundwater was performed. The purpose of this evaluation was to determine whether the

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reported concentrations of metals in groundwater at MCAS El Toro reflect ambient conditions or are the result of anthropogenic sources associated with historical Station activities. From 1998 through 1999, the DON conducted a historical radiological assessment (HRA) of MCAS El Toro. The assessment was performed as part of the base closure process, for the release of the Station for reuse. A draft final HRA report summarizing the results of the assessments was issued in November 1999. Former Marine Corps Air Station (MCAS) El Toro lies in a semi-urban agricultural area of southern California, approximately 8 miles southeast of Santa Ana and 12 miles northeast of the city of Laguna Beach. Land northwest of the Station is used for agriculture, whereas the land to the south and northeast is used mainly for commercial, light industrial and residential purposes. Residential areas in the vicinity of Former MCAS El Toro include the cities of Lake Forest, Irvine, and Laguna Hills. Former MCAS El Toro is bordered on the south and west by the city of Irvine and on the north and east by unincorporated lands. Former MCAS El Toro was commissioned in 1943 as a Marine Corps pilot fleet operation training facility. In 1950, the Station was selected for development as a master jet station and permanent center for Marine Corps aviation on the west coast. The Station mission has involved the operation and maintenance of military aircraft and ground-support equipment. Historical activities on the Station included aircraft maintenance and repair. These activities generated oils, solvents, paint residues, hydraulic fluid, used batteries, and other wastes. Waste were placed in unlined landfills and burned or covered with soil. In some cases, wastes were released to the ground directly as the result of spills or dust-suppression activities. To support the Station's mission, facility operations were expanded over the years to include runways, aircraft maintenance and training facilities, housing, shopping facilities, and other support facilities. Former MCAS El Toro occupies 4,738 acres of land, including 580 acres that are leased for commercial farming. Approximately 1,000 acres are designated as outleased lands that are not available for development because of airfield safety clearances. The outleased lands are along the perimeter of the Station and are used for agricultural purposes, including landscape nurseries, livestock grazing, and crop production. The adjacent/surrounding land uses around Former MCAS El Toro include residential, commercial, industrial, and recreational. During operations, land use on Former MCAS El Toro consisted of a few general types. General Station land uses are described below for the following four quadrants, as defined by the bisecting north-south and east-west runways. - The northwestern quadrant consisted of the Former MCAS El Toro headquarters, administrative services, family and bachelor housing, and community support services. - The northeastern quadrant consisted of Marine Aircraft Group activities (e.g., training, maintenance, supply and storage, and airfield operations), family housing, community support services, and ordnance storage in areas isolated by topographic relief and distance from other developments. - The southeastern quadrant consisted of administrative services, maintenance facilities, ordnance storage, and the golf course. - The southwestern quadrant consisted of aircraft maintenance facilities, supply and storage facilities, and limited administrative services. Past operations and practices at Former MCAS El Toro have contributed to soil and groundwater volatile organic compound (VOC) contamination. Former MCAS El Toro was closed on 02 July 1999. Environmental compliance and restoration activities have continued since Station closure, and a caretaker staff will remain at the Station until property transfer is complete. A community reuse plan was prepared and submitted to the Department of the Navy (DON) in 1996. The reuse plan proposed to use Former MCAS El Toro for a commercial airport as well as for other public uses including schools, parks, wildlife refuges, golf courses, homeless services, and commercial/light-industrial uses. The 1996 plan was refined by the 1999 Airport System Master Plan, which incorporated airport planning



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activities that resulted in some land use areas being redefined. The DON and the Federal Aviation Administration are evaluating this proposed reuse of Former MCAS El Toro and other alternatives in their joint environmental impact statement. Former MCAS El Toro lies within the Irvine Forebay I Groundwater Subbasin (Irvine Subbasin), which has been designated by the California Regional Water Quality Control Board (RWQCB) Santa Ana Region as a public water supply source. The regional aquifer at Sites 18 and 24 is not currently a source of municipal drinking water because of widespread elevated concentrations of total dissolved solids (TDS) and nitrates that exceed water quality standards; however, groundwater near the Station is used for agriculture. On-Station irrigation well 18\_TIC055, at the western end of the east-west runway, is connected to the regional irrigation distribution system. Eight other irrigation wells are located in the vicinity of the Station. Well 18JTIC055 is screened in the principal aquifer upgradient of the principal aquifer VOC plume and, because of its upgradient location, does not extract groundwater from the principal aquifer VOC plume. Well 18\_ET1 extracts water from an area within the TCE plume. Although a risk assessment performed by the Orange County Water District (OCWD) in 1986 showed that the water from this well does not represent an unacceptable human health risk, the extracted groundwater is treated using air stripping to remove VOCs before it is discharged for irrigation. The nearest drinking-water well (Tustin Walnut Well) is located at the intersection of Redhill and Walnut, approximately 2.5 miles from the leading edge of the TCE plume; however, the well is not hydraulically downgradient of the plume. The nearest downgradient drinking-water well (Dyer Road Well #3) is 3.2 miles from the leading edge of the plume. In addition, the Irvine Ranch Water District (IRWD) plans to acquire well 18JTIC106, located approximately 1 mile from the leading edge of the plume, as a drinking-water well. Environmental remediation activities at Former MCAS El Toro are performed under the Installation Restoration Program (IRP). The IRP was developed in 1980 by the Department of Defense (DoD) to comply with federal guidelines to manage and control contamination from past hazardous waste disposal actions. The first indication of contamination at the Station occurred during routine water quality monitoring in 1985, when OCWD discovered TCE in groundwater at an irrigation well approximately 3,000 feet downgradient of Former MCAS El Toro. In 1985, the DON began to work on an initial assessment study (IAS) to locate potentially contaminated sites on the Station. This work was conducted for the Naval Facilities Engineering Command under the Navy Assessment and Control of Installation Pollutants Program, which was the DON version of the Department of Defense (DoD) IRP at that time. The IAS report identified 17 sites as potential sources of contamination. The report also identified potentially contaminated sites based on the results of record searches and employee interviews and recommended sampling locations and analytical parameters to assess the suspected contamination. In 1987, the Marine Corps contracted for a review of the IAS to produce a site inspection plan of action (SIPOA). The SIPOA, released in August 1988, recommended 19 sites for study and amended the site sampling plans proposed in the IAS report. This SIPOA report was the basis for a sampling and analysis plan for the remedial investigation (RI)/feasibility study (FS) sites. In July 1987, while the SIPOA study was under way, RWQCB Santa Ana Region issued a Cleanup and Abatement Order (CAO) to the Marine Corps requiring the Station to initiate a perimeter groundwater VOC investigation and submit a draft report. Because the investigation revealed VOCs in the shallow groundwater unit near the Station boundary, an interim groundwater pump and treatment system was installed at this boundary. Between June 1989 and September 1993, the system pumped and treated groundwater from three extraction wells at approximately 30 gallons per minute (gpm). Over the life of the system, reported concentrations of TCE in the influent were about 10 to 160 micrograms per liter (ug/L) and reported concentrations of PCE were 25 to 100

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ug/L. The extracted groundwater was treated with a granular activated carbon (GAC) treatment system and used to irrigate the Station golf course. On 13 April 1993, RWQCB rescinded the CAO, because the required actions were complete and because the DON had entered into a Federal Facilities Agreement (FFA) to investigate and remediate environmental impacts associated with past and present activities at Former MCAS El Toro. In September 1993, the pump and treatment system was shut down. In June 1988, U.S. EPA recommended adding Former MCAS El Toro to the National Priorities List (NPL) because of VOC contamination at the Station boundary and in the agricultural wells west of the Station. Former MCAS El Toro was added to the NPL on 15 February 1990. In October 1990, the Marine Corps/DON signed an FFA with U.S. EPA Region 9, California Department of Health Services (now referred to as the DTSC), and RWQCB Santa Ana Region. The Base Realignment and Closure (BRAC) Cleanup Team (BCT) is responsible for implementing the FFA. The BCT consists of representatives from the DON Southwest Division Naval Facilities Engineering Command (SWDIV), U.S. EPA, DTSC, and RWQCB Santa Ana Region. The team was established to manage and coordinate environmental restoration and compliance programs related to the closure and disposal of Former MCAS El Toro by July 1999. EPA OU-01: Basewide Groundwater Site 18, the regional groundwater volatile organic compound (VOC) plume, is defined as the area where TCE concentrations are greater than 5 ug/L in the principal aquifer. Site 18 is downgradient of Site 24 and is located entirely off-Station. The contaminated groundwater of Site 18 originates in the shallow aquifer at Site 24, migrates into the principal aquifer near the southwestern Station boundary, and extends into the principal aquifer off-Station approximately 3 miles to the west beneath the city of Irvine. The average width of the off-Station VOC plume is approximately 1/2 mile. VOC contamination reaches depths of 450 feet bgs in some areas. Land above the Site 18 groundwater plume has historically been used for agricultural activities. However, recently the land use has changed to mixed-use with agricultural, residential, and commercial areas. The agricultural land use has likely contributed to the reportedly elevated concentrations of total dissolved solids (TDS) and nitrate that is found throughout the basin, but it is not responsible for the extensive VOC contamination that originated at Site 24. Groundwater from Site 18 is also used to supply two artificial surface water bodies, North Lake and South Lakes, and the childrens' wading pools associated with each lake. The lakes are used for recreation, including boating, sailing, fishing, and wading. Site 24 is located in the southwestern quadrant of Former MCAS El Toro. The site is highly industrialized and contains two large aircraft hangars (Buildings 296 and 297) and several smaller buildings that were used for aircraft and vehicle maintenance and repair. The Site 24 surface cover consists of unpaved open ground, asphalt, and concrete. Most of the site (170 acres) is paved. Asphalt-covered areas were used primarily for access roads and parking lots for military and personal vehicles. Concrete covers the areas where most of the industrial activities at Site 24 have been conducted, including slabs for Buildings 296 and 297 (the two aircraft hangars), Building 295 (the helicopter hangar), and Building 324 (the former engine test facility). A network of storm drains collects rainwater from the paved surfaces of Site 24. When industrial activities were conducted at Site 24, wastewater generated from the concrete-paved areas would also have been transported via this network. The network discharges to Agua Chinon Wash on the eastern portion of the site and Bee Canyon Wash on the western portion, near the Station boundaries in these locations. Industrial activities at Site 24, such as dust suppression with waste liquids, paint stripping, degreasing, vehicle and aircraft washing, and waste disposal practices, involved the use of solvents containing VOCs such as trichloroethylene (TCE) and tetrachloroethene (PCE). Waste solvents may have reached the surface or subsurface through leakage, runoff, storm drains, or direct application to the soil and are believed to be the source of VOCs in the



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regional groundwater. The precise origin, nature, and use of TCE released at the site and the circumstances and quantities of individual releases are not documented. TCE usage at Former MCAS El Toro is believed to have been discontinued in the mid-1970s. The shallow groundwater plume associated with Site 24 originates at this site and extends off-Station approximately to Sand Canyon Avenue. Calculations performed during the Phase II remedial investigation (RI) showed that the concentrations of VOCs present in deeper subsurface soil at Site 24 were high enough to contaminate groundwater to levels above drinking water standards. Groundwater contamination, where present beneath Sites 7, 8, 9, 10, 11, 12, 22, and 25, has its origin at Site 24. The Irvine Desalter Project (IDP) is a local project prompted by a 1984 regional groundwater study that showed inorganic constituents, mainly TDS and nitrates were migrating from the Irvine area toward the main portion of the Orange County groundwater basin. The Irvine area's relatively poor quality of groundwater is mostly attributable to local geology and agricultural practices. After later studies identified VOCs, primarily TCE, in area groundwater, the IDP was modified to address VOCs in addition to TDS and nitrates. The IDP is being designed to meet all federal and state drinking-water standards. The OCWD and IRWD have entered into an agreement that covers design, construction, operation, and funding of the project. The OCWD is responsible for the planning, right-of-way acquisition, design, and construction of project facilities, with full participation by IRWD. IRWD will operate the project facilities. In June 2001, the DON and the Department of Justice (DOJ), on behalf of the Marine Corps, OCWD, and IRWD reached an agreement on how the IDP could fulfill the DON's obligation to remediate VOCs while achieving the OCWD and IRWD objectives of treating groundwater containing high concentrations of TDS and nitrates to provide a drinking- and reclaimed-water supply from the principal aquifer. A settlement agreement apportioning costs for the IDP components was signed by the OCWD on 13 June 2001, by IRWD on 19 June 2001, by the DON on 18 July 2001, and by DOJ on 07 September 2001. A Record of Decision (ROD) addressing groundwater contamination at Sites 18 and 24 was signed in June 2002. The DON's selected remedy uses the IDP as the key component of the groundwater treatment system for VOC removal at Sites 18 and 24. The Orange County Water District (OCWD), Irvine Ranch Water District (IRWD), and the Settling Federal Agencies (SFA) comprised of the U.S. Department of Justice (DOJ) and the Department of Navy (DON) reached a Settlement Agreement regarding the Modified Irvine Desalter Project (IDP) to accept and treat groundwater from Site 24 and the PA for VOC removal. Treatment of extracted groundwater contaminated with VOCs is considered the CERCLA Component of the Modified IDP. Groundwater extracted from the SGU will be conveyed by DON to a point of connection to be located at the MCAS El Toro boundary. At the point of connection, IRWD will accept the water and transport it to the Modified IDP for treatment. This Settlement Agreement was incorporated as part of the Final Groundwater ROD. The agreement provides that the United States will bear the VOC treatment costs, and OCWD and IRWD will continue to bear the costs associated with reclaimed water supply treatment requirements, including those for total dissolved solids and nitrates. The agreement specifies the quantity and quality of contaminated water that can be treated by the Modified IDP. An Explanation of Significant Differences addressing Operable Unit 1 was completed in March 2006. EPA OU-02: Site 24 Soil VOC Source Area Site 24 is located in the southwest quadrant of Former MCAS El Toro. Industrial activities at Site 24, such as dust suppression with waste liquids, paint stripping, degreasing, vehicle and aircraft washing, and waste disposal practices involved the use of solvents containing VOCs such as trichloroethene (TCE) and tetrachloroethene (PCE). Waste solvents may have reached the surface or subsurface through leakage, runoff, storm drain flow, or direct application to the soil. The precise origin, nature, and use of TCE released at the site and the

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circumstances and quantities of individual releases are not documented. TCE usage at Former MCAS El Toro is believed to have been discontinued in the mid-1970s. Site 24 encompasses approximately 200 acres. The site slopes to the west from an elevation of about 320 feet above mean sea level (MSL) at the intersection of the east-west and north south runways to approximately 240 feet above MSL near the end of the east-west runway. The site is largely industrialized and contains two large aircraft hangars (Buildings 296 and 297) and several smaller buildings that were used for aircraft and vehicle maintenance and repair. Maintenance activities (e.g., degreasing) that occurred within these buildings may have contributed to the VOC contamination present at the site. On the basis of current local zoning, the future use of Site 24 is designated as recreational and institutional. Former MCAS El Toro lies within the Irvine Groundwater Management Zone, which has been designated by Santa Ana RWQCB as a public water supply source. The regional aquifer beneath Former MCAS El Toro is not currently a source of municipal drinking water because of widespread elevated concentrations of total dissolved solids and nitrates that exceed water quality standards; however, groundwater in the vicinity of the Station is used for agricultural purposes. The horizontal and vertical extent of VOCs in the vadose zone was characterized using Phase I and Phase II soil and soil gas analytical results. The results confirmed that, at the time of the RI, a primary TCE source area was present beneath Buildings 296 and 297. This source area extended vertically to groundwater directly beneath those buildings, with the highest concentrations near the water table. The trend of increasing concentration with depth suggested a depleting source at the surface, which is consistent with the end of TCE usage in approximately 1975. The maximum concentration of TCE reported in soil during the Phase II RI was 190 micrograms per kilogram (ug/kg), compared with a concentration of 400 ug/kg during the Phase I investigation. TCE in soil gas was reported at concentrations up to 6,120 ug/L. This exceeds the concentration in equilibrium with TCE-contaminated groundwater and indicates that an active mechanism existed to transfer TCE in the vadose zone to groundwater. In addition to TCE, other chlorinated VOCs, such as PCE, carbon tetrachloride, and related organic chemicals, were also reported in soil at Site 24, but with less frequency and at much lower concentrations. 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) had a soil gas volume nearly as large as that of TCE, but was not considered a threat to groundwater due to relatively low concentrations and toxicity. Soil Vapor Extraction (SVE) was selected for vadose zone remediation in an interim ROD that was finalized in September 1997. Transfer and installation of the SVE system used at Norton AFB was completed in 1998. In January 1999, the remedial design for the SVE system was completed and operational testing of the central treatment system remediation equipment began. Actual remedial action started in March 1999 with the use of portable SVE systems to extract VOCs from existing SVE wells. The central treatment system operation and installation of the initial phase of additional SVE wells and the associated vapor conveyance piping began in May 1999. By the end of 1999, significant progress had been made in remediating the vadose zone, and vapor concentrations in all the SVE wells were below the soil gas cleanup (threshold) levels. Rebound testing of existing SVE wells and installation of supplemental SVE wells (to confirm that soil gas cleanup goals had been achieved throughout the soil gas plume) were completed in April 2000. In June 2001, a draft closure report for soil at Site 24 was issued. This report is expected to be finalized in spring 2002. Remediation of soil at Site 24 will be discussed further in the final ROD for the Site 24 vadose zone. At the time that the SVE system was shut down, TCE and PCE concentrations in the vadose zone source area were reduced to below the final soil gas threshold concentrations set forth in the Interim ROD. Additionally, attainment of closure goals was confirmed by closure sampling conducted 7 months after shutdown. Between the start of pilot scale testing (April 1995)



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through September 2000, approximately 2,000 pounds of VOCs was extracted and treated at Site 24. A Record of Decision addressing OU 2 was completed in March 2006. EPA OU-03: Soil at Site 8, 11, and 12. Sites 8 and 12 are currently being evaluated. Site 11 is located in the southwest quadrant of the MCAS El Toro and is comprised of three units. Unit 1 is a concrete pad that is about 30 feet by 30 feet in size with a strip of ground adjacent to it. Unit 2 is an asphalt lined drainage ditch, while Unit 3 is the remainder of the unpaved fenced storage yard behind Building 369. A Record of Decision was completed for Site 11 in September 1999. EPA OU-04: Sites 2 & 17 Landfills. Sites 2 and 17 are located in undeveloped areas, in the foothills of the Santa Ana Mountains, in the eastern portion of MCAS El Toro. Site 2 occupies approximately 27 acres and is situated between Borrego Canyon Wash and one of its tributaries. The site is situated at an elevation approximately 500 feet above mean sea level and is bisected by a man-made drainage channel that trends in a northeast-southwest direction. Site 2 is bounded on the west by Magazine Road and a dirt road runs along the southern and eastern boundary. The operational landfill was used from the late 1950s until about 1980. Until recently, unauthorized disposal has occurred on an intermittent basis in Areas C1, C2, and D2. During the 1970's, all solid waste from MCAS El Toro and some waste from MCAS Tustin were disposed in the Site 2 operational landfill. The suspected types of waste include construction debris, municipal waste, batteries, waste oils, hydraulic fluids, paint residues, transformers, and waste solvents. It is also possible that equipment painted with radium paint, or other low-level radiological materials consistent with Station operations, could have been disposed into the Site 2 landfill. The landfill is not being used currently and has become overgrown with shrubs and grasses, including a few individual plants of coastal sage scrub, which serves as habitat for the California gnatcatcher, a federally listed threatened species. A fill cover of unknown thickness has been placed over the landfill. Site 17 occupies approximately 11 acres in a canyon west of the Magazine Road Landfill. The site is located in a small canyon and extends beyond the canyon mouth onto a flat, weed-covered field formerly used for agriculture. At its lower end, the landfill elevation is about 440 feet above mean sea level; at its upper end in the canyon, the elevation is about 570 feet above mean sea level. The landfill is covered with sparse vegetation and varying amounts of fill. At the time of the Phase II remedial investigation (RI), refuse was visible at several locations and the former wash in the canyon was largely obscured by refuse and soil from the excavation of an adjacent hilltop. The Site 17 landfill was actively used from 1981 to 1983 as a Stationwide disposal facility. The site boundaries represent the operational area of the landfill. Aerial photographs indicate that landfilling activities were under way as early as 1970 and continued through 1986. Suspected waste types disposed at the site include domestic waste and rubble, cooking grease, oils and fuels from sumps, and empty drums. Reportedly, any type of waste generated at MCAS El Toro may have been disposed at the landfill. It is also possible that equipment painted with radium paint, or other low-level radiological materials consistent with Station operations, could have been disposed into the Site 17 landfill. From 1996 to 1997, removal actions were undertaken at Sites 2 and 17. Actions included fencing the sites, removing drums and other debris from the surface of the landfill, and constructing drainage features to reduce the erosion that had been occurring at both sites. Sites 2 and 17 were addressed in an interim ROD that was signed in July 2000. The ROD was interim because it presented the selected remedial action for only vadose zone soil at Site 2 and for vadose zone soil and groundwater at Site 17. Remediation of groundwater at Site 2 will be addressed in the final ROD. A radiological survey was conducted at Sites 2 and 17 in August through October 2001. The final ROD will also summarize the results of the survey and address radiological contamination, if any, at both Sites 2 and 17. EPA OU-05:

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Distance  
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Sites 3 & 5 Landfills Sites 3 and 5 will be addressed in an OU-2C ROD that is expected to be issued to the public in 2002. EPA OU-6: No Further Action Sites Sites 4, 6, 9, 10, 13, 15, 19, 20, 21, and 22 were investigated, found to contain no unacceptable risks to human health or the environment, and recommended for no action. These sites were addressed along with Site 25 in the signed no action ROD, dated September 1997. EPA OU-07: Sites 7 & 14 - No Further Action Sites 7 and 14 were addressed in a no action ROD that was signed in June 2001. EPA OU-08: Site 1 EOD Range Site 1 is a former explosive ordnance disposal (EOD) range. A site-specific perchlorate investigation at this site showed that perchlorate was present above state and federal provisional action levels (PALs) at only one well, located in approximately the center of the site. Perchlorate was also present in 4 of 42 soil samples. However, none of the reported concentrations exceeded residential or industrial preliminary remediation goals. The evaluation of radionuclides confirmed that the radionuclides in groundwater at Former MCAS El Toro are naturally occurring and are not due to historical activities conducted at the Station. EPA OU-09: Site 16 Burn Pits Site 16, Crash Crew Training Pit No. 2, is located in the northwest quadrant of Former MCAS El Toro. The site consists of three units. Unit 1, Pits Perimeter Area is an approximately 320- by 260-foot oval-shaped area comprising a buffer zone surrounding three pits that were used for firefighter training exercises. During the operational life of Site 16, this area was regularly tilled as a fire-control measure. Unit 2, Main Fire-Fighting Pits, consists of three unlined earthen pits situated within the boundary of Unit 1. The largest pit, which was used for most of the training exercises and is still present at the site, is roughly circular (approximately 67 feet in diameter), and 2 to 3 feet deep. The residual fluids pit, located about 40 feet south of the main pit and connected to it by a buried pipe, is approximately 12 feet wide, 35 feet long, and 4 to 5 feet deep. The smaller third pit, roughly 10 feet by 3 feet, was used for training with handheld fire extinguishers. The pits have not been used since 1985, and the residual fluids and handheld fire-fighting training pits have been filled to the surrounding grade. Unit 3, Drainage Channel, is a low drainage swale located northwest of the pits. It slopes toward and terminates at a storm drain inlet near the intersection of El Toro Boulevard and closed Runway 21. This unit was recommended for no further action in the RI Report for Site 16. The ground surface at Site 16 consists of bare soil with partial vegetation cover in the area surrounding the main burn pit and along the drainage ditch. The bottom of the burn pit itself is bare soil, discolored as a result of the historical activities at this site. The former residual fluids pit has been partially covered by the asphalt pavement surrounding the current concrete-lined crash crew training pits located immediately south of Site 16. Surface drainage from the site appears to flow northwest to a storm drain, which eventually discharges into Bee Canyon Wash. The regional aquifer beneath Former MCAS El Toro is not currently a source of municipal drinking water because of widespread elevated concentrations of total dissolved solids (TDS) and nitrates that exceed water quality standards; however, groundwater in the vicinity of the Station is used for agricultural purposes. Between 1972 and 1985, Site 16 was used by Former MCAS El Toro crash crews as a training area for firefighters. Contamination at the site originated from residual fuels and combustible fluids that were placed in fire-fighting pits, ignited, and extinguished using water or fire extinguishers during fire-fighting practice sessions. Contaminants within the unlined pits have infiltrated the soil and, eventually, migrated into the groundwater. The primary medium of concern at Site 16 is groundwater, which is found at approximately 160 feet below ground surface (bgs). The only chemical of concern in groundwater is trichloroethene (TCE). TCE is present at concentrations above drinking water standards in a plume extending from approximately 200 feet upgradient of the main pit to approximately 330 feet downgradient of the main pit. Although petroleum



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hydrocarbons are present at Site 16, evaluation and cleanup of these contaminants is not addressed in this Record of Decision (ROD). Petroleum hydrocarbons from fuels and oils burned and released at the site will be addressed in the Petroleum Corrective Action Program. Investigations conducted at Site 16 include aerial photographic surveys, employee interviews, Phase I and Phase II RIs, pre-FS reportsampling, and an MPE pilot test conducted in support of the FFS. Data collected during the Site 16 RIs included results of shallow and deeper subsurface soils investigations, groundwater investigations, aerial photograph reviews, and interviews withFormer MCAS El Toro personnel. Following closure of the base, the Department of Navy (DON) finalized an Environmental Impact Report/Environmental Impact Study in March 2002 to evaluate several alternatives for the reuse of the Station. The DON is currently working with the local community to determine an appropriate alternative for the Station. At this time, the most likely reuse of Site 16 is recreational (park). A ROD addressing Unit 3 of OU 9 was completed in August 2003.

CERCLIS Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 08/01/1986  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 10/01/1986  
Priority Level: High

Action: SITE INSPECTION  
Date Started: Not reported  
Date Completed: 06/01/1987  
Priority Level: High

Action: HAZARD RANKING SYSTEM PACKAGE  
Date Started: Not reported  
Date Completed: 06/01/1987  
Priority Level: Not reported

Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 06/24/1988  
Priority Level: Not reported

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 02/21/1990  
Priority Level: Not reported

Action: Notice Letters Issued  
Date Started: Not reported  
Date Completed: 05/21/1990  
Priority Level: Not reported

Action: INTERAGENCY AGREEMENT NEGOTIATIONS  
Date Started: 07/01/1989  
Date Completed: 09/28/1990  
Priority Level: Not reported

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Action: FEDERAL INTERAGENCY AGREEMENT  
Date Started: 09/28/1990  
Date Completed: 09/28/1990  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION  
Date Started: 09/28/1990  
Date Completed: 12/17/1993  
Priority Level: Not reported

Action: Restoration Advisory Board  
Date Started: 04/01/1994  
Date Completed: Not reported  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/1990  
Date Completed: 09/29/1997  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/1990  
Date Completed: 09/29/1997  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 09/29/1997  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 09/29/1997  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 01/06/1998  
Date Completed: 01/20/1999  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION  
Date Started: 09/30/1997  
Date Completed: 09/07/1999  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 09/30/1999  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/1990  
Date Completed: 07/12/2000  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported

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Date Completed: 07/12/2000  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 06/06/2001  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 03/01/2002  
Date Completed: Not reported  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/1990  
Date Completed: 06/27/2002  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 06/27/2002  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 05/17/1999  
Date Completed: 06/30/2002  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/1990  
Date Completed: 06/30/2002  
Priority Level: Not reported

Action: TREATABILITY STUDY  
Date Started: 08/28/2000  
Date Completed: 08/28/2002  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 04/30/1994  
Date Completed: 08/30/2002  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 08/16/2003  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/28/1990  
Date Completed: 03/07/2005  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 03/21/2005  
Date Completed: Not reported  
Priority Level: Not reported

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Action:	FEDERAL FACILITY REMEDIAL DESIGN
Date Started:	01/13/2000
Date Completed:	03/31/2005
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL DESIGN
Date Started:	03/01/2003
Date Completed:	05/31/2005
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL ACTION
Date Started:	08/25/2005
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL DESIGN
Date Started:	07/12/2000
Date Completed:	11/22/2005
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	12/06/2005
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	10/25/2004
Date Completed:	12/19/2005
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL DESIGN
Date Started:	07/22/2005
Date Completed:	01/20/2006
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL ACTION
Date Started:	03/24/2005
Date Completed:	02/03/2006
Priority Level:	Final RA Report
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	03/14/2006
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	03/14/2006
Priority Level:	Not reported
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION
Date Started:	06/03/2005
Date Completed:	12/29/2006
Priority Level:	Not reported
Action:	FEDERAL FACILITY FEASIBILITY STUDY
Date Started:	01/29/2007



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Date Completed: Not reported  
Priority Level: Not reported

Action: FEDERAL FACILITY FEASIBILITY STUDY  
Date Started: 01/29/2007  
Date Completed: Not reported  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 05/08/2007  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL DESIGN  
Date Started: 09/12/2007  
Date Completed: Not reported  
Priority Level: Not reported

Action: FEDERAL FACILITY REMEDIAL ACTION  
Date Started: 01/20/2006  
Date Completed: 10/09/2007  
Priority Level: Interim RA Report

RCRA-SQG:

Date form received by agency: 01/29/2002  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Facility address: MCAS EL TORO  
EL TORO, CA 92709  
EPA ID: CA6170023208  
Mailing address: CARETAKER SITE OFFICE  
PO BOX 444  
EAST IRVINE, CA 92650  
Contact: EDWARD L NUNN  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (619) 572-1404  
Contact email: Not reported  
EPA Region: 09  
Land type: Federal  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
TSD commencement date: Not reported

Owner/Operator Summary:

Owner/operator name: U.S. MARINE CORPS  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Federal  
Owner/Operator Type: Owner  
Owner/Op start date: 03/17/1943  
Owner/Op end date: Not reported

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Handler Activities Summary:

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

Universal Waste Summary:

Waste type: Batteries  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Waste type: Lamps  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Waste type: Pesticides  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Waste type: Thermostats  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Historical Generators:

Date form received by agency: 01/29/2002  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Classification: Small Quantity Generator

Date form received by agency: 10/12/2000  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC AIR STATION EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 01/31/1996

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Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC MCAS EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 10/26/1993  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: USMC AIR STATION EL TORO  
Classification: Large Quantity Generator

Date form received by agency: 02/29/1992  
Facility name: MARINE CORPS AIR STATION, EL TORO  
Site name: MCAS EL TORO FMD 1JG B.368  
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Corrective Action Summary:

Event date: 10/01/1986  
Event: CA049PA

Event date: 10/01/1986  
Event: CA029SF

Event date: 06/01/1987  
Event: CA049SI

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

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

Event date: 04/20/1991  
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 01/01/1996  
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event date: 05/01/1996  
Event: RFA Completed, Assessment was an RFA.

Event date: 01/23/1997  
Event: RFI Workplan Approved

Event date: 01/23/1997  
Event: RFI Approved

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Event date: 01/23/1997  
Event: CMS Approved

Event date: 01/23/1997  
Event: CMS Workplan Approved

Event date: 09/30/1997  
Event: Date For Remedy Selection (CM Imposed)

Event date: 06/17/1998  
Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 06/17/1998  
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 06/17/1998  
Event: CA210SM

Event date: 06/17/1998  
Event: Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 07/23/2004  
Event: Corrective Action Process Terminated

Event date: 08/29/2005  
Event: Corrective Action Process Terminated

Facility Has Received Notices of Violations:

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State



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

Regulation violated: FR - 262.30-34.C  
Area of violation: Generators - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 05/20/1997  
Date achieved compliance: 01/14/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/20/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 261.5  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported

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

Regulation violated: F - 262.20-23.B  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 03/27/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.30-34.C  
Area of violation: Generators - General  
Date violation determined: 03/26/1996  
Date achieved compliance: 09/27/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/27/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported

Map ID  
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USMC AIR STATION EL TORO (Continued)

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Paid penalty amount: Not reported

Regulation violated: FR - 264.50-56.D  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 04/19/1995  
Date achieved compliance: 05/01/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/19/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 12/28/1993  
Date achieved compliance: 01/17/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/28/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported



Map ID  
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USMC AIR STATION EL TORO (Continued)

1000417911

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.10-18.B

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Database(s)

EDR ID Number  
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USMC AIR STATION EL TORO (Continued)

1000417911

Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General

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Database(s) EDR ID Number  
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USMC AIR STATION EL TORO (Continued)

1000417911

Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 12/09/1992



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USMC AIR STATION EL TORO (Continued)

1000417911

Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/26/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 42000  
Paid penalty amount: 42000

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994

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USMC AIR STATION EL TORO (Continued)

1000417911

Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 03/10/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 80500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 12/09/1992  
Date achieved compliance: 09/26/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 10/05/1992  
Date achieved compliance: 12/09/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 10/05/1992  
Date achieved compliance: 12/09/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/09/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA

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USMC AIR STATION EL TORO (Continued)

1000417911

Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.20-23.B  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL



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USMC AIR STATION EL TORO (Continued)

1000417911

Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 09/30/1991  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/21/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 06/13/1990  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990

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USMC AIR STATION EL TORO (Continued)

1000417911

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

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 06/13/1990  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported

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USMC AIR STATION EL TORO (Continued)

1000417911

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

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported



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USMC AIR STATION EL TORO (Continued)

1000417911

Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA

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USMC AIR STATION EL TORO (Continued)

1000417911

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

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement action date: 08/17/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 06/13/1990  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported

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USMC AIR STATION EL TORO (Continued)

1000417911

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

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 07/11/1989  
Date achieved compliance: 11/25/1991  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement action date: 11/17/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/06/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported



Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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USMC AIR STATION EL TORO (Continued)

1000417911

Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement action date: 11/17/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/17/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 09/28/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 08/17/1988  
Date achieved compliance: 07/11/1989  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/17/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 03/05/1987  
Date achieved compliance: 08/17/1988  
Violation lead agency: EPA  
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL  
Enforcement action date: 10/30/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 03/05/1987  
Date achieved compliance: 08/17/1988  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 03/05/1987  
Date achieved compliance: 08/17/1988  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Evaluation Action Summary:

Evaluation date: 01/14/1998  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/20/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/14/1998  
Evaluation lead agency: State

Evaluation date: 05/20/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/14/1998  
Evaluation lead agency: State

Evaluation date: 03/26/1996  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/27/1996  
Evaluation lead agency: State

Evaluation date: 03/30/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 05/01/1995  
Evaluation lead agency: State

Evaluation date: 11/17/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/17/1994  
Evaluation lead agency: State

Evaluation date: 10/26/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 09/26/1994  
Evaluation lead agency: State

Evaluation date: 10/26/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/26/1994  
Evaluation lead agency: State

Evaluation date: 10/26/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 09/26/1994  
Evaluation lead agency: State

Evaluation date: 09/17/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE



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Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 06/17/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 12/09/1992  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 06/17/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 06/17/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 06/13/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 07/11/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 06/13/1990  
Evaluation lead agency: EPA

Evaluation date: 07/11/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 06/13/1990  
Evaluation lead agency: EPA

Evaluation date: 07/11/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 11/25/1991  
Evaluation lead agency: EPA

Evaluation date: 08/17/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 07/11/1989  
Evaluation lead agency: EPA

Evaluation date: 08/17/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 07/11/1989  
Evaluation lead agency: EPA

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Evaluation date: 03/05/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 08/17/1988  
Evaluation lead agency: EPA

Evaluation date: 03/05/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 08/17/1988  
Evaluation lead agency: EPA

FINDS:

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

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

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

NPL:

EPA ID: CA6170023208  
EPA Region: 09  
Federal: Y  
Final Date: 02/21/1990

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Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Category Details:

NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-> 50 And <= 100 Feet  
Category Value: 100

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

Site Details:

Site Name: EL TORO MARINE CORPS AIR STATION  
Site Status: Final  
Site Zip: 92709  
Site City: EL TORO  
Site State: CA  
Federal Site: Yes  
Site County: ORANGE  
EPA Region: 09  
Date Proposed: 06/24/88  
Date Deleted: Not reported  
Date Finalized: 02/21/90

Substance Details:

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

NPL Status: Currently on the Final NPL  
Substance ID: A046  
Substance: POLYCHLORINATED BIPHENYLS  
CAS #: 1336-36-3  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

NPL Status: Currently on the Final NPL  
Substance ID: D008  
Substance: LEAD (PB)  
CAS #: 7439-92-1  
Pathway: GROUND WATER PATHWAY  
Scoring: 3

NPL Status: Currently on the Final NPL  
Substance ID: U044  
Substance: CHLOROFORM  
CAS #: 67-66-3  
Pathway: GROUND WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U210  
Substance: TETRACHLOROETHENE  
CAS #: 127-18-4  
Pathway: GROUND WATER PATHWAY



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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U211  
Substance: CARBON TETRACHLORIDE  
CAS #: 56-23-5  
Pathway: GROUND WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U228  
Substance: TRICHLOROETHYLENE (TCE)  
CAS #: 79-01-6  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

Summary Details:

Conditions at proposal June 24, 1988): The El Toro Marine Corps Air Station covers approximately 4,700 acres southeast of Santa Ana in El Toro, Orange County, California. Commissioned in 1943, it supports the Fleet Marine Forces in the Pacific Ocean. The surrounding area, once primarily agricultural, is urbaning rapidly. Station El Toro is participating in the Installation Restoration Program (IRP), established in 1978. Under the program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP, the Navy identified 21 problem areas at the station, including three landfills containing both hazardous and solid waste; buried drums of explosives and low-level radioactive waste; and areas where PCBs, battery acids, leaded fuels, and other hazardous substances were dumped or spilled. In tests conducted early in 1987, the Orange County Water District found trichloroethylene and tetrachloroethylene in shallow irrigation wells on and downgradient of the site. An estimated 1,100 acres of land are irrigated by wells within 3 miles of the site. Status February 21, 1990): In April 1989, Station El Toro prepared a Perimeter Investigation Interim Report which focused on four contaminated areas. Further studies are continuing to determine the extent and sources of contamination.

Site Status Details:

NPL Status: Final  
Proposed Date: 06/24/1988  
Final Date: 02/21/1990  
Deleted Date: Not reported

Narratives Details:

NPL Name: EL TORO MARINE CORPS AIR STATION  
City: EL TORO  
State: CA

CORRACTS:

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 1/1/1996  
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority,

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MAP FINDINGS

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Database(s)  
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USMC AIR STATION EL TORO (Continued)

1000417911

Corrective Action at the facility or area referred to CERCLA  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 1/23/1997  
Action: CA200 - RFI Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 1/23/1997  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 1/23/1997  
Action: CA350 - CMS Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 1/23/1997  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 4/20/1991  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium  
corrective action priority  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 6/17/1998  
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 6/17/1998  
Action: CA225YE - Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 6/17/1998  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: OU2A - VADOSE ZONE SOILS  
Actual Date: 9/30/1997  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA6170023208  
EPA Region: 9  
Area Name: ENTIRE FACILITY  
Actual Date: 10/24/1990  
Action: CA100 - RFI Imposition  
NAICS Code(s): 92811  
National Security  
Original schedule date: Not reported  
Schedule end date: Not reported



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO M C A S  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Actual Date: Not reported

Action ID: 001  
Action Name: Explanation Of Significant Differences  
Action Completion date: 03/14/2006  
Planned Complet. date: Not reported  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Discharge

Action ID: 001  
Action Name: Explanation Of Significant Differences  
Action Completion date: 03/14/2006  
Planned Complet. date: Not reported  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: ReInjection

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Planned Complet. date: Not reported  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Air Stripping

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Planned Complet. date: Not reported  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Carbon Adsorption

Action ID: 001  
Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Planned Complet. date: Not reported  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Extraction

Action ID: 001

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Action Name: RECORD OF DECISION  
Action Completion date: 06/27/2002  
Planned Complet. date: Not reported  
Operable Unit: 01  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Planned Complet. date: Not reported  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: Carbon Adsorption

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Planned Complet. date: Not reported  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: Monitoring

Action ID: 002  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Planned Complet. date: Not reported  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: Soil Vapor Extraction (SVE)

Action ID: 003  
Action Name: RECORD OF DECISION  
Action Completion date: 07/12/2000  
Planned Complet. date: Not reported  
Operable Unit: 04  
Contaminated Media : Groundwater  
Engineering Control: Leachate Control

Action ID: 003  
Action Name: RECORD OF DECISION  
Action Completion date: 07/12/2000  
Planned Complet. date: Not reported  
Operable Unit: 04  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 003  
Action Name: RECORD OF DECISION  
Action Completion date: 07/12/2000  
Planned Complet. date: Not reported  
Operable Unit: 04  
Contaminated Media : Soil  
Engineering Control: Cap

Action ID: 006  
Action Name: RECORD OF DECISION

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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Action Completion date: 09/29/1997  
Planned Complet. date: Not reported  
Operable Unit: 06  
Contaminated Media : Sediment  
Engineering Control: No Action

Action ID: 006  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Planned Complet. date: Not reported  
Operable Unit: 06  
Contaminated Media : Soil  
Engineering Control: No Action

Action ID: 006  
Action Name: RECORD OF DECISION  
Action Completion date: 09/29/1997  
Planned Complet. date: Not reported  
Operable Unit: 06  
Contaminated Media : Surface Water  
Engineering Control: No Action

Action ID: 007  
Action Name: RECORD OF DECISION  
Action Completion date: 06/06/2001  
Planned Complet. date: Not reported  
Operable Unit: 07  
Contaminated Media : Soil  
Engineering Control: No Action

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Planned Complet. date: Not reported  
Operable Unit: 09  
Contaminated Media : Groundwater  
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Planned Complet. date: Not reported  
Operable Unit: 09  
Contaminated Media : Groundwater  
Engineering Control: Monitoring

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Planned Complet. date: Not reported  
Operable Unit: 09  
Contaminated Media : Groundwater  
Engineering Control: Natural Attenuation

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003



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Database(s) EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Planned Complet. date: Not reported  
Operable Unit: 09  
Contaminated Media : Soil  
Engineering Control: Monitoring

Action ID: 011  
Action Name: RECORD OF DECISION  
Action Completion date: 08/16/2003  
Planned Complet. date: Not reported  
Operable Unit: 09  
Contaminated Media : Soil  
Engineering Control: Surface Drainage Control

Action ID: 013  
Action Name: RECORD OF DECISION  
Action Completion date: 03/14/2006  
Planned Complet. date: Not reported  
Operable Unit: 02  
Contaminated Media : Soil  
Engineering Control: No Further Action

US INST CONTROL:

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Covenant  
Actual Date: Not reported  
Complet. Date: 06/27/2002  
Operable Unit: 01  
Contaminated Media : Groundwater

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION  
Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709

EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Institutional Controls, (N.O.S.)  
Actual Date: Not reported  
Complet. Date: 07/12/2000  
Operable Unit: 04  
Contaminated Media : Groundwater

EPA ID: CA6170023208  
Site ID: 0902770  
Name: EL TORO MARINE CORPS AIR STATION  
Action Name: RECORD OF DECISION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Address: EL TORO MARINE CORPS AIR STA  
EL TORO, CA 92709  
EPA Region: 09  
County: ORANGE  
Event Code: Not reported  
Inst. Control: Land Use Restriction  
Actual Date: Not reported  
Comple. Date: 07/12/2000  
Operable Unit: 04  
Contaminated Media : Soil

1

V.P. BAKER FILTRATION PLANT  
PALMWOOD NORTH OF PEACHWOOD  
EL TORO, CA 92630

HIST UST U001576954  
N/A

< 1/8  
1 ft.

Relative:  
Lower

Actual:  
674 ft.

HIST UST:

Region: STATE  
Facility ID: 00000024474  
Facility Type: Other  
Other Type: FILTRATION PLANT  
Total Tanks: 0003  
Contact Name: LEE CARTWRIGHT  
Telephone: 7148300580  
Owner Name: LOS ALISOS WATER DISTRICT  
Owner Address: 22312 MUIRLANDS BLVD.  
Owner City,St,Zip: EL TORO, CA 92630

Tank Num: 001  
Container Num: 004  
Year Installed: 1980  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: 005K  
Year Installed: 1980  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 006  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

2  
 NE  
 < 1/8  
 0.030 mi.  
 160 ft.

SUNSTATE EQUIP LLC LAKE FOREST  
 20772 INDIAN OCEAN DR  
 LAKE FOREST, CA 92630

AST A100184607  
 N/A

Relative:  
 Lower

AST:  
 Owner: SUNSTATE EQUIPMENT  
 Total Gallons: 2000

Actual:  
 636 ft.

3  
 NE  
 < 1/8  
 0.110 mi.  
 581 ft.

GREENWASTE COMPOSTING  
 20712 INDIAN OCEAN DR  
 LAKE FOREST CA, CA 92630

WMUDS/SWAT S104384477  
 N/A

Relative:  
 Lower

WMUDS/SWAT:  
 Edit Date: Not reported  
 Complexity: Not reported  
 Primary Waste: Solid Wastes  
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: False  
 Superorder: False  
 Open To Public: False  
 Waste List: False  
 Agency Type: Private  
 Agency Name: PACIFIC WASTE MANAGEMENT  
 Agency Department: Not reported  
 Agency Address: 20712 INDIAN OCEAN DR.  
 Agency City,St,Zip: LAKE FOREST CA 92630  
 Agency Contact: GARY PLUMLEY  
 Agency Telephone: 7145988181  
 Land Owner Name: Not reported  
 Land Owner Address: Not reported  
 Land Owner City,St,Zip: Not reported  
 Land Owner Contact: Not reported  
 Land Owner Phone: Not reported  
 Region: 8  
 Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
 Facility Description: Not reported  
 Facility Telephone: Not reported  
 SWAT Facility Name: Not reported  
 Primary SIC: 2875  
 Secondary SIC: Not reported  
 Comments: Not reported  
 Last Facility Editors: Not reported  
 Waste Discharge System: True  
 Solid Waste Assessment Test Program: False  
 Toxic Pits Cleanup Act Program: False

Actual:  
 685 ft.



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

S104384477

**GREENWASTE COMPOSTING (Continued)**

Resource Conservation Recovery Act: False  
 Department of Defence: False  
 Solid Waste Assessment Test Program: Not reported  
 Threat to Water Quality: Not reported  
 Sub Chapter 15: True  
 Regional Board Project Officer: JPL  
 Number of WMUDS at Facility: 0  
 Section Range: Not reported  
 RCRA Facility: No  
 Waste Discharge Requirements: Historical - Any regulated facility for which the Regional Board has rescinded all WDRs or consciously allowed an NPDES permit to expire.  
 Self-Monitoring Rept. Frequency: No Reporting Requirements  
 Waste Discharge System ID: 8 303062001  
 Solid Waste Information ID: Not reported

4  
 NE  
 < 1/8  
 0.116 mi.  
 612 ft.

**THE YOUNG ENGINEERS INC**  
 25841 COMMERCENTRE DR  
 LAKE FOREST, CA 92630

RCRA-SQG 1001126700  
 FINDS CAR000017830  
 HAZNET

Relative:  
 Lower

**RCRA-SQG:**

Date form received by agency: 02/07/1997  
 Facility name: THE YOUNG ENGINEERS INC  
 Facility address: 25841 COMMERCENTRE DR  
 LAKE FOREST, CA 92630  
 EPA ID: CAR000017830  
 Mailing address: P O BOX 278  
 LAKE FOREST, CA 926300278  
 Contact: PAT WELLS  
 Contact address: P O BOX 278  
 LAKE FOREST, CA 926300278  
 Contact country: US  
 Contact telephone: (714) 581-9411  
 Contact email: Not reported  
 EPA Region: 09  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:  
 680 ft.

**Owner/Operator Summary:**

Owner/operator name: THE YOUNG ENGINEERS INC  
 Owner/operator address: P O BOX 278  
 LAKE FOREST, CA 92630  
 Owner/operator country: Not reported  
 Owner/operator telephone: (714) 581-9411  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: Unknown  
 Mixed waste (haz. and radioactive): Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
EPA ID Number

THE YOUNG ENGINEERS INC (Continued)

1001126700

Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

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

HAZNET:

Gepaid: CAR000017830  
Contact: PAT W WELLS/VICE PRESIDENT  
Telephone: 9495819411  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 278  
Mailing City,St,Zip: LAKE FOREST, CA 926090278  
Gen County: Orange  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Recycler  
Tons: 0.45  
Facility County: Not reported

Gepaid: CAR000017830  
Contact: PAT W WELLS/VICE PRESIDENT  
Telephone: 9495819411  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 278  
Mailing City,St,Zip: LAKE FOREST, CA 926090278  
Gen County: Orange  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Aqueous solution with less than 10% total organic residues

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

THE YOUNG ENGINEERS INC (Continued)

1001126700

Disposal Method: Recycler  
Tons: 0.45  
Facility County: Not reported

Gepaid: CAR000017830  
Contact: PAT W WELLS/VICE PRESIDENT  
Telephone: 9495819411  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 278  
Mailing City,St,Zip: LAKE FOREST, CA 926090278  
Gen County: Orange  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Waste oil and mixed oil  
Disposal Method: H03  
Tons: 0.22  
Facility County: Orange

Gepaid: CAR000017830  
Contact: PAT W WELLS/VICE PRESIDENT  
Telephone: 9495819411  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 278  
Mailing City,St,Zip: LAKE FOREST, CA 926090278  
Gen County: Orange  
TSD EPA ID: Not reported  
TSD County: Not reported  
Waste Category: Waste oil and mixed oil  
Disposal Method: Treatment, Tank  
Tons: 0.45  
Facility County: Not reported

Gepaid: CAR000017830  
Contact: PAT W WELLS/VICE PRESIDENT  
Telephone: 9495819411  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 278  
Mailing City,St,Zip: LAKE FOREST, CA 926090278  
Gen County: Orange  
TSD EPA ID: Not reported  
TSD County: Not reported  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Transfer Station  
Tons: 0.45  
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 42 additional CA\_HAZNET: record(s) in the EDR Site Report.



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

5  
NE  
1/8-1/4  
0.198 mi.  
1047 ft.

**DYNACAST INC**  
25952 COMMERCENTRE DR  
LAKE FOREST, CA 92630

RCRA-SQG 1001217495  
FINDS CAR000035717  
HAZNET  
AIRS  
CA WDS

Relative:  
Lower

RCRA-SQG:

Date form received by agency: 01/26/1998

Facility name: DYNACAST INC

Actual:  
691 ft.

Facility address: 25952 COMMERCENTRE DR  
LAKE FOREST, CA 92630

EPA ID: CAR000035717

Contact: RICK VANKIRK

Contact address: 25952 COMMERCENTRE DR  
LAKE FOREST, CA 92630

Contact country: US

Contact telephone: (714) 707-1211

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SECURITY CAPITAL INVESTMENT

Owner/operator address: 3621 S HARBOR BLVD  
SANTA ANA, CA 92704

Owner/operator country: Not reported

Owner/operator telephone: (714) 424-1800

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown

Mixed waste (haz. and radioactive): Unknown

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: Unknown

Furnace exemption: Unknown

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/26/1998

Facility name: DYNACAST INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

DYNACAST INC (Continued)

1001217495

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

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

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

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

HAZNET:

Gepaid: CAR000035717  
Contact: KEVIN HARTNETT  
Telephone: 9497071211  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 25952 COMMERCENTRE DR  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: Orange  
TSD EPA ID: CAD088504881  
TSD County: Orange  
Waste Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Tons: 26.25  
Facility County: Not reported

Gepaid: CAC001353304  
Contact: RICH HAUPT  
Telephone: 7147071211  
Facility Addr2: Not reported  
Mailing Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DYNACAST INC (Continued)

1001217495

Mailing Address: 25952 COMMERCENTRE DR  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: Orange  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Not reported  
Tons: 0.97  
Facility County: Not reported

Gepaid: CAC001353304  
Contact: DYNACAST INC  
Telephone: 7147071211  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 25952 COMMERCENTRE DR  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: Orange  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: 6.2213  
Facility County: Orange

Gepaid: CAC001353304  
Contact: RICH HAUPT  
Telephone: 7147071211  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 25952 COMMERCENTRE DR  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: Orange  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: 0.56  
Facility County: Orange

Gepaid: CAR000035717  
Contact: KEVIN HARTNETT  
Telephone: 9497071211  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 25952 COMMERCENTRE DR  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: Orange  
TSD EPA ID: CAD008364432  
TSD County: Los Angeles  
Waste Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Tons: 1  
Facility County: Orange



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DYNACAST INC (Continued)

1001217495

[Click this hyperlink](#) while viewing on your computer to access  
22 additional CA\_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 2001  
Carbon Monoxide Emissions Tons/Yr: 30  
Air Basin: SC  
Facility ID: 113251  
Air District Name: SC  
SIC Code: 9999  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 2  
NOX - Oxides of Nitrogen Tons/Yr: 13  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 2  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 2002  
Carbon Monoxide Emissions Tons/Yr: 30  
Air Basin: SC  
Facility ID: 113251  
Air District Name: SC  
SIC Code: 3364  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 18  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 4

Year: 2003  
Carbon Monoxide Emissions Tons/Yr: 30  
Air Basin: SC  
Facility ID: 113251  
Air District Name: SC  
SIC Code: 3364  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 18  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 4

Year: 2004  
Carbon Monoxide Emissions Tons/Yr: 30

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DYNACAST INC (Continued)

1001217495

Air Basin: SC  
Facility ID: 113251  
Air District Name: SC  
SIC Code: 3364  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 17.9039  
Reactive Organic Gases Tons/Yr: 4.42  
Carbon Monoxide Emissions Tons/Yr: 0.7245  
NOX - Oxides of Nitrogen Tons/Yr: 2.1599  
SOX - Oxides of Sulphur Tons/Yr: 0.01582  
Particulate Matter Tons/Yr: 4.30502  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 3.58

Year: 2005  
Carbon Monoxide Emissions Tons/Yr: 30  
Air Basin: SC  
Facility ID: 113251  
Air District Name: SC  
SIC Code: 3364  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .6083  
Reactive Organic Gases Tons/Yr: .30448386  
Carbon Monoxide Emissions Tons/Yr: .872  
NOX - Oxides of Nitrogen Tons/Yr: 1.9885  
SOX - Oxides of Sulphur Tons/Yr: .01463  
Particulate Matter Tons/Yr: 3.68764  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 3.0934852

CA WDS:

Facility ID: San Diego 30I014348  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 9  
Facility Telephone: Not reported  
Facility Contact: Not reported  
Agency Name: DYNACAST INC  
Agency Address: Not reported  
Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Private  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste: Not reported  
Primary Waste Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DYNACAST INC (Continued)

1001217495

Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

6  
East  
1/8-1/4  
0.210 mi.  
1109 ft.

CONWAY EXPRESS  
20697 PRISM PL  
LAKE FOREST, CA 92630

UST U003432928  
SWEEPS UST N/A

Relative:  
Lower

UST:  
Region: ORANGE  
Facility ID: FA0024234

Actual:  
639 ft.

SWEEPS UST:  
Status: A  
Comp Number: 11358  
Number: 9  
Board Of Equalization: Not reported  
Ref Date: 09-30-92  
Act Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-011358-000001  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: 1



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

7  
 NE  
 1/8-1/4  
 0.231 mi.  
 1220 ft.

ARB INC  
 20602 INDIAN OCEAN  
 LAKE FOREST, CA 92630

RCRA-SQG 1004675755  
 FINDS CAR000076760  
 HAZNET  
 UST

Relative:  
 Higher

RCRA-SQG:

Date form received by agency: 03/03/2004  
 Facility name: ARB INC  
 Facility address: 20602 INDIAN OCEAN  
 LAKE FOREST, CA 92630  
 EPA ID: CAR000076760  
 Contact: JERRY J CLEGHORN  
 Contact address: 20602 INDIAN OCEAN  
 LAKE FOREST, CA 92630  
 Contact country: US  
 Contact telephone: 949-465-7302  
 Contact email: JCLEGHORN@ARBINC.COM  
 EPA Region: 09  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:  
 726 ft.

Owner/Operator Summary:

Owner/operator name: JERRY CLEGHORN  
 Owner/operator address: Not reported  
 Not reported  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 06/15/1998  
 Owner/Op end date: Not reported

Owner/operator name: ARB INC  
 Owner/operator address: 26000 COMMERCENTRE DRIVE  
 LAKE FOREST, CA 92630  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 01/01/1996  
 Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARB INC (Continued)

1004675755

User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 02/17/2004  
Facility name: ARB INC  
Classification: Small Quantity Generator

Date form received by agency: 07/03/2000  
Facility name: ARB INC  
Site name: A R B INC  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D039  
Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HAZNET:

Gepaid: CAR000076760  
Contact: JERRY CLEGHORN SHOP FOREMAN  
Telephone: 9494657302  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 26000 COMMERCENTRE DR  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: 00  
TSD EPA ID: CAD982042475  
TSD County: Solano  
Waste Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 20.22  
Facility County: Not reported

Gepaid: CAR000076760  
Contact: JERRY CLEGHORN SHOP FOREMAN  
Telephone: 9494657302  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 26000 COMMERCENTRE DR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARB INC (Continued)

1004675755

Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: 00  
TSD EPA ID: CAD982042475  
TSD County: Solano  
Waste Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 20.22  
Facility County: Not reported

Gepaid: CAR000076760  
Contact: JERRY CLEGHORN SHOP FOREMAN  
Telephone: 9494657302  
Facility Addr2: Not reported  
Mailing Name: CLEGHORN JERRY  
Mailing Address: 20602 INDIAN OCEAN  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: 00  
TSD EPA ID: CAD982042475  
TSD County: 00  
Waste Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 85.96  
Facility County: 0

Gepaid: CAR000076760  
Contact: JERRY CLEGHORN SHOP FOREMAN  
Telephone: 9494657302  
Facility Addr2: Not reported  
Mailing Name: CLEGHORN JERRY  
Mailing Address: 20602 INDIAN OCEAN  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: 00  
TSD EPA ID: CAL000153023  
TSD County: 00  
Waste Category: Asbestos-containing waste  
Disposal Method: Not reported  
Tons: 91.86  
Facility County: 0

Gepaid: CAR000076760  
Contact: JERRY CLEGHORN SHOP FOREMAN  
Telephone: 9494657302  
Facility Addr2: Not reported  
Mailing Name: CLEGHORN JERRY  
Mailing Address: 20602 INDIAN OCEAN  
Mailing City,St,Zip: LAKE FOREST, CA 926300000  
Gen County: 00  
TSD EPA ID: CAD981382732  
TSD County: 00  
Waste Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 88.49  
Facility County: 0

[Click this hyperlink](#) while viewing on your computer to access  
3 additional CA\_HAZNET: record(s) in the EDR Site Report.



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

ARB INC (Continued)

1004675755

UST:

Region: ORANGE  
Facility ID: FA0024287

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL TORO	1006836870	SITE 1 / EXPLOSIVE ORDINANCE DISPOSAL	N MAGAZINE RD	92630	FINDS
EL TORO	1000596206	LOS ALISO WATER DISTRICT	21082 WISTERIA	92630	RCRA-SQG, FINDS
EL TORO	S105023648	LOS ALISOS WATER DISTRICT	21802 WISTERIA	92630	LUST, Cortese
EL TORO	90175921	CONSTRUCTION SITE BET CREEK & EL TORRO	CONSTRUCTION SITE BET CREEK & EL TORRO	92630	ERNS
LAKE FOREST	U003659599	BAKER (LAWD)	21082 WISTERIA	92630	UST
LAKE FOREST	S105774118	LOS ALISOS WATER DISTRICT	21802 WISTERIA	92630	LUST

# 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	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 38	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	Source: EPA
Date Data Arrived at EDR: 02/04/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 42	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	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 38	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 02/19/2008
Number of Days to Update: 56	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	Source: EPA
Date Data Arrived at EDR: 02/05/2008	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/20/2008
Number of Days to Update: 15	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	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 76	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/07/2008	Telephone: 202-564-6023
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	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	Source: EPA
Date Data Arrived at EDR: 12/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 64	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-8905
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/02/2008
Number of Days to Update: 46	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-8905
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/02/2008
Number of Days to Update: 46	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	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/23/2008
Number of Days to Update: 54	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	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2008	Telephone: 202-366-4555
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/17/2008
Number of Days to Update: 60	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: Annually

### DOT OPS: Incident and Accident Data

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

Date of Government Version: 02/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/27/2008	Telephone: 202-366-4595
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 22	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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	Source: EPA
Date Data Arrived at EDR: 01/10/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 01/02/2008
Number of Days to Update: 41	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 03/03/2008
Number of Days to Update: 35	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	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 03/13/2008
Number of Days to Update: 38	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	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/25/2008
Number of Days to Update: 21	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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 29	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 02/11/2008
Number of Days to Update: 27	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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/12/2007	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 12/13/2007	Telephone: 916-341-6320
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 63	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/03/2008
Number of Days to Update: 30	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 9	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, Calaveras, 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 03/24/2008
Number of Days to Update: 35	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 02/11/2008
Number of Days to Update: 14	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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 01/07/2008
Number of Days to Update: 30	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	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 02/19/2008
Number of Days to Update: 29	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/09/2008	Telephone: see region list
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 36	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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 02/19/2008
Number of Days to Update: 27	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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/09/2008	Telephone: 866-480-1028
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 36	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	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 02/19/2008
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 01/07/2008
Number of Days to Update: 30	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 02/11/2008
Number of Days to Update: 28	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	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 01/21/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/21/2008
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 identifies 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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-6597
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 20	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	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	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	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	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	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 6	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	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-7591
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	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	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/25/2008	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3368
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	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	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-9424
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	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	Source: EPA Region 5
Date Data Arrived at EDR: 12/21/2007	Telephone: 312-886-6136
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 12/21/2007
Number of Days to Update: 34	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	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	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	Source: EPA Region 8
Date Data Arrived at EDR: 03/04/2008	Telephone: 303-312-6137
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/21/2008
Number of Days to Update: 16	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	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 01/21/2008
Number of Days to Update: 10	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	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 03/11/2008	Telephone: 925-646-2286
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Semi-Annually

### FRESNO COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Dept. of Community Health
Date Data Arrived at EDR: 01/17/2008	Telephone: 559-445-3271
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/17/2008
Number of Days to Update: 28	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	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 12/18/2007	Telephone: 661-862-8700
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 52	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	Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999	Telephone: 415-972-3178
Date Made Active in Reports: N/A	Last EDR Contact: 02/19/2008
Number of Days to Update: 0	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	Source: Department of Public Works
Date Data Arrived at EDR: 01/22/2008	Telephone: 626-458-3517
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 23	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	Source: La County Department of Public Works
Date Data Arrived at EDR: 02/21/2008	Telephone: 818-458-5185
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/14/2008
Number of Days to Update: 35	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	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/27/2007	Telephone: 213-473-7869
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/12/2008
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site Mitigation List

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

Date of Government Version: 05/30/2007	Source: Community Health Services
Date Data Arrived at EDR: 07/11/2007	Telephone: 323-890-7806
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 02/11/2008
Number of Days to Update: 29	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	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 02/21/2008	Telephone: 310-524-2236
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 22	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 02/19/2008
Number of Days to Update: 34	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	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 02/27/2008	Telephone: 310-618-2973
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 16	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	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/21/2008	Telephone: 415-499-6647
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 22	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	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007	Source: Health Services Agency
Date Data Arrived at EDR: 08/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 09/24/2007	Last EDR Contact: 01/15/2008
Number of Days to Update: 48	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	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	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	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	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	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 12/28/2007	Telephone: 909-387-3041
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 48	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	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 05/18/2005	Telephone: 619-338-2268
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 01/04/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 Oversight 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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Fuel Leak List

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

Date of Government Version: 01/09/2008	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 01/11/2008	Telephone: 650-363-1921
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/07/2008
Number of Days to Update: 34	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	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 03/24/2008
Number of Days to Update: 22	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	Source: Department of Environmental Health
Date Data Arrived at EDR: 02/05/2008	Telephone: 408-918-3417
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 9	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	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 03/04/2008	Telephone: 408-277-4659
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 10	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	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 10/23/2007	Telephone: 707-784-6770
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 03/24/2008
Number of Days to Update: 15	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	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 01/30/2008	Telephone: 707-784-6770
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Quarterly

## SONOMA COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/22/2008	Source: Department of Health Services
Date Data Arrived at EDR: 01/22/2008	Telephone: 707-565-6565
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/21/2008
Number of Days to Update: 23	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	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007	Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 20	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	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 01/07/2008	Telephone: 805-654-2813
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 38	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	Source: Environmental Health Division
Date Data Arrived at EDR: 08/29/2007	Telephone: 805-654-2813
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 02/19/2008
Number of Days to Update: 28	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	Source: Environmental Health Division
Date Data Arrived at EDR: 01/07/2008	Telephone: 805-654-2813
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 38	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	Source: Environmental Health Division
Date Data Arrived at EDR: 01/09/2008	Telephone: 805-654-2813
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/07/2008
	Data Release Frequency: Quarterly

## YOLO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/29/2008	Source: Yolo County Department of Health
Date Data Arrived at EDR: 02/20/2008	Telephone: 530-666-8646
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 23	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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 03/14/2008
Number of Days to Update: 66	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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/04/2007	Telephone: N/A
Date Made Active in Reports: 12/31/2007	Last EDR Contact: 01/03/2008
Number of Days to Update: 27	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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/29/2007	Telephone: 518-402-8651
Date Made Active in Reports: 02/05/2008	Last EDR Contact: 02/28/2008
Number of Days to Update: 68	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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/21/2007	Telephone: N/A
Date Made Active in Reports: 01/10/2008	Last EDR Contact: 03/10/2008
Number of Days to Update: 20	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	Source: Department of Environmental Management
Date Data Arrived at EDR: 11/09/2007	Telephone: 401-222-2797
Date Made Active in Reports: 01/15/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 67	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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 Transverse 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).

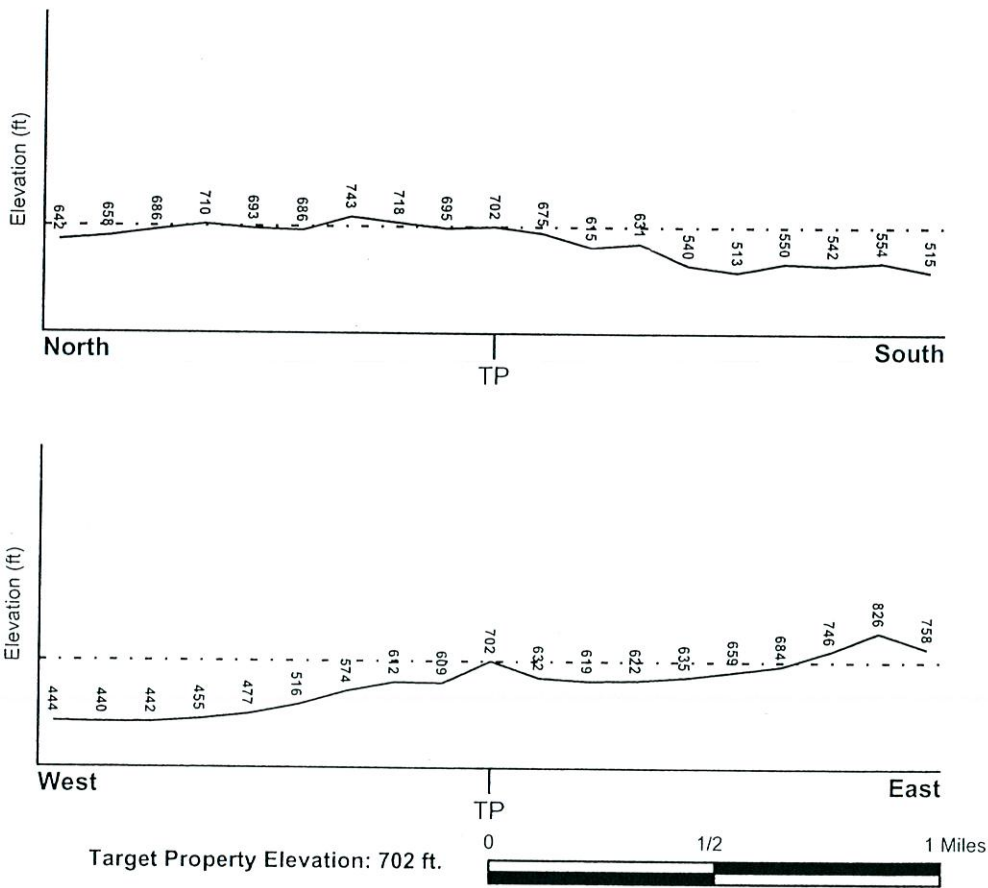
## TOPOGRAPHIC INFORMATION

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



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  
ORANGE, CA

FEMA Flood Electronic Data  
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  
EL TORO

NWI Electronic Data Coverage  
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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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).