

Appendices

Appendix C *Environmental Database Search Report*



Appendices

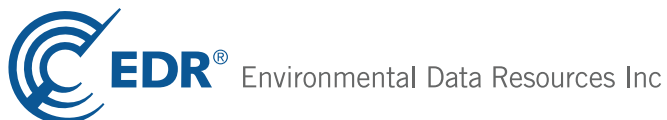
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Great Park High School

Irvine Blvd
Irvine, CA 92618

Inquiry Number: 3384370.5s
August 09, 2012

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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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

IRVINE BLVD
IRVINE, CA 92618

COORDINATES

Latitude (North): 33.6740000 - 33° 40' 26.40"
Longitude (West): 117.7132000 - 117° 42' 47.52"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 433884.8
UTM Y (Meters): 3726045.5
Elevation: 408 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

EXECUTIVE SUMMARY

NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report

SLIC..... Statewide SLIC Cases

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

State and tribal registered storage tank lists

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

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

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

EXECUTIVE SUMMARY

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database
HIST UST..... Hazardous Substance Storage Container Database
SWEEPS UST..... SWEEPS UST Listing

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
Orange Co. Industrial Site..... List of Industrial Site Cleanups

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
CA BOND EXP. PLAN..... Bond Expenditure Plan
WDS..... Waste Discharge System
UIC..... UIC Listing

EXECUTIVE SUMMARY

NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE.....	Hazardous Waste & Substance Site List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PRP.....	Potentially Responsible Parties
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
MWMP.....	Medical Waste Management Program Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
PROC.....	Certified Processors Database
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing

EDR PROPRIETARY RECORDS

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.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

A review of the NPL list, as provided by EDR, and dated 05/08/2012 has revealed that there is 1 NPL

EXECUTIVE SUMMARY

site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>USMC AIR STATION EL TORO</i>	<i>LAT 33 40 19 LONG 117</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 12/27/2011 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>USMC AIR STATION EL TORO</i>	<i>LAT 33 40 19 LONG 117</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 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>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>USMC AIR STATION EL TORO</i>	<i>LAT 33 40 19 LONG 117</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

Federal RCRA non-CORRACTS TSD facilities list

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

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>USMC AIR STATION EL TORO</i>	<i>LAT 33 40 19 LONG 117</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

EXECUTIVE SUMMARY

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USMC AIR STATION EL TORO	LAT 33 40 19 LONG 117	0 - 1/8 (0.000 mi.)	0	8

Federal institutional controls / engineering controls registries

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

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/30/2011 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USMC AIR STATION EL TORO	LAT 33 40 19 LONG 117	0 - 1/8 (0.000 mi.)	0	8

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

A review of the US INST CONTROL list, as provided by EDR, and dated 12/30/2011 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USMC AIR STATION EL TORO	LAT 33 40 19 LONG 117	0 - 1/8 (0.000 mi.)	0	8

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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.

A review of the ENVIROSTOR list, as provided by EDR, and dated 06/13/2012 has revealed that there are

EXECUTIVE SUMMARY

2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ELECTRIC ENERGY & ENVI Status: Refer: 1248 Local Agency	8001 IRVINE BLVD	NNW 1/2 - 1 (0.546 mi.)	6	85

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EL TORO MCAS Status: Active	4,741 ACRES; 9MI NE OF	W 1/2 - 1 (0.684 mi.)	7	88

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 05/21/2012 has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TIERRA VERDE INDUSTRIES ECOGEN	8065 MARINE WAY, PLANNI	NW 1/4 - 1/2 (0.294 mi.)	2	76

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COMMUNICATIONS STN LF (EL TORO)	IRVINE BLVD. AND TRABUC	WNW 1/4 - 1/2 (0.423 mi.)	5	84

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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 are 2 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COMPOSTING PLANTIRVINE	7992 IRVINE BLVD	NNW 1/4 - 1/2 (0.322 mi.)	A3	78
TIERRA VERDE INDUSTRIES	7982 IRVINE BLVD	NNW 1/4 - 1/2 (0.331 mi.)	A4	80

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there

EXECUTIVE SUMMARY

is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EL TORO MCAS</i>	<i>4,741 ACRES; 9MI NE OF</i>	<i>W 1/2 - 1 (0.684 mi.)</i>	<i>7</i>	<i>88</i>

Toxic Pits: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there is 1 Toxic Pits site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UC, SOUTH COAST STATION Closure Date: 02/21/91	7601 IRVINE BOULEVARD	NNW 1/2 - 1 (0.833 mi.)	8	238

Local Land Records

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

A review of the LUCIS list, as provided by EDR, and dated 12/09/2005 has revealed that there is 1 LUCIS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARINE CORPS AIR STATION EL TO		W 1/4 - 1/2 (0.260 mi.)	1	74

Other Ascertainable Records

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>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EL TORO MARINE CORPS AIR STATI		0 - 1/8 (0.000 mi.)	0	8

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

A review of the ROD list, as provided by EDR, and dated 02/27/2012 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

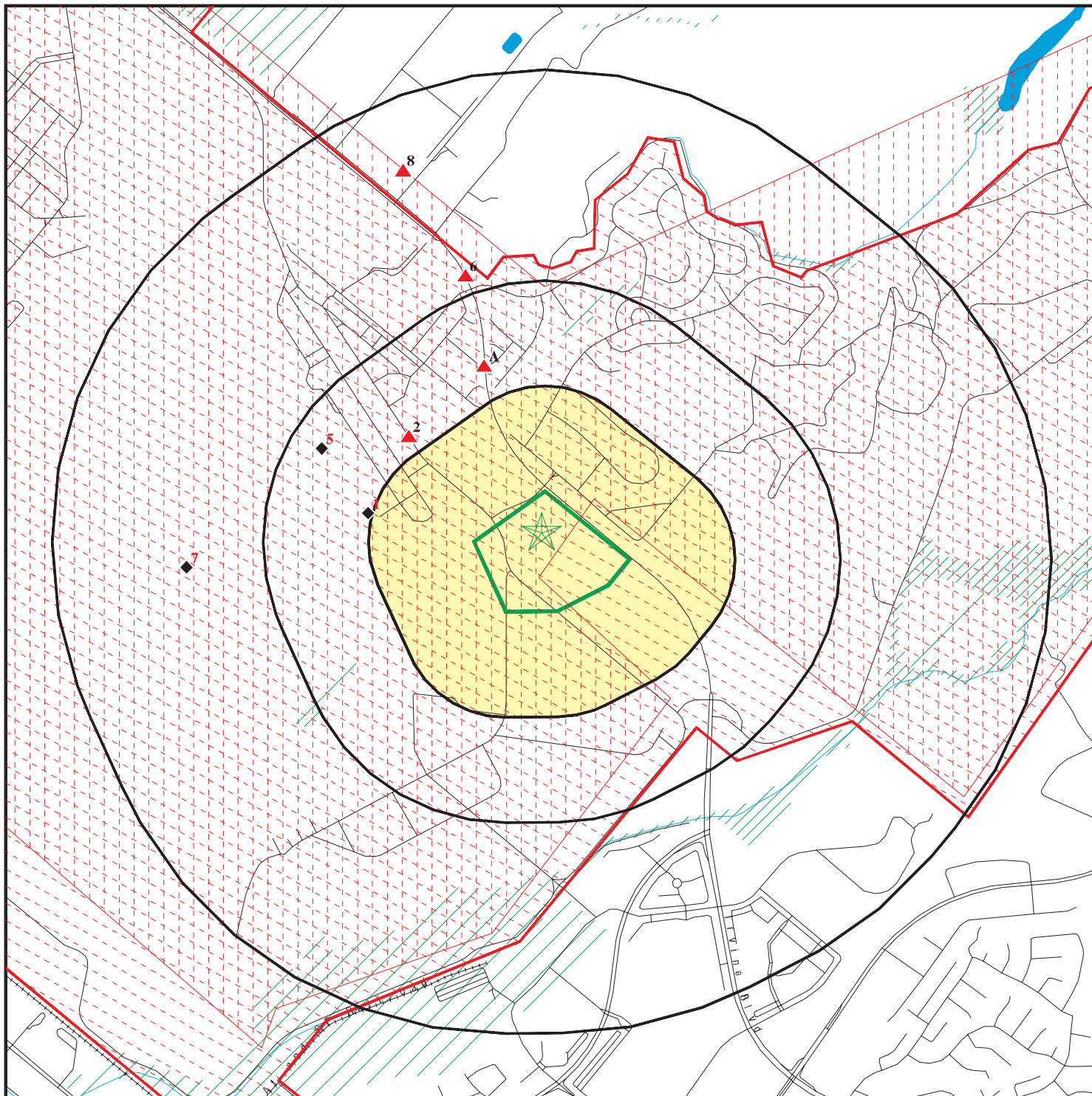
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>USMC AIR STATION EL TORO</i>	<i>LAT 33 40 19 LONG 117</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>8</i>

EXECUTIVE SUMMARY


Due to poor or inadequate address information, the following sites were not mapped. Count: 12 records.


<u>Site Name</u>	<u>Database(s)</u>
PARK AT SPECTRUM	NPDES
STONEGATE ELEMENTARY SCHOOL	NPDES
PA 40 MIDDLE SCHOOL	NPDES
PNK GROUP INC DBA PIALAGO CLEANERS	DRYCLEANERS, HAZNET
TVI AGUA CHINON CHIPPING/GRINDING	SWF/LF
ORANGE COUNTY COMPOSTING, LLC	SWF/LF
TVI AGUA CHINON DEMONSTRATION COMP	SWF/LF
CHEVRON #30-6957	UST
CHEVRON 306957	RCRA-SQG, HAZNET
MEADOW PARK ELEMENTARY	FINDS
US MARINE CORP AIR STATION EL TORO	SLIC
VULCAN MATERIALS CO.	MINES

OVERVIEW MAP - 3384370.5s



 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

0 1/4 1/2 1 Miles

 Indian Reservations BIA

 Areas of Concern

 Oil & Gas pipelines from USGS

 100-year flood zone

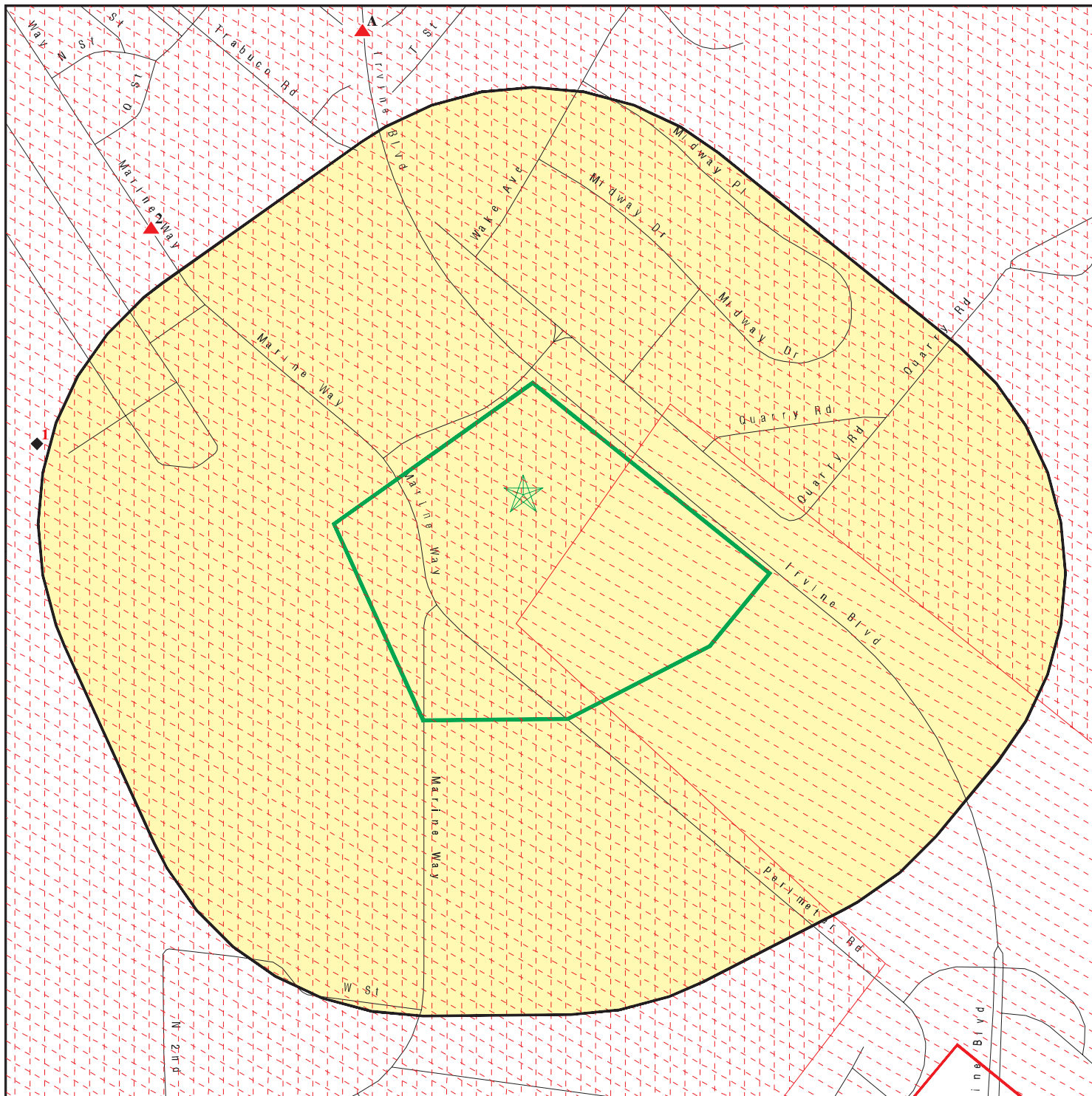
 500-year flood zone







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: Great Park High School
 ADDRESS: Irvine Blvd
 Irvine CA 92618
 LAT/LONG: 33.674 / 117.7132

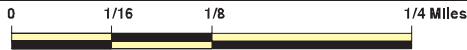
CLIENT: The Planning Center
 CONTACT: Denise Clendening
 INQUIRY #: 3384370.5s
 DATE: August 09, 2012 12:46 pm

DETAIL MAP - 3384370.5s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  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: Great Park High School
 ADDRESS: Irvine Blvd
 Irvine CA 92618
 LAT/LONG: 33.674 / 117.7132

CLIENT: The Planning Center
 CONTACT: Denise Clendening
 INQUIRY #: 3384370.5s
 DATE: August 09, 2012 12:48 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		1	0	0	NR	NR	1
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		1	0	0	0	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		1	0	0	NR	NR	1
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		1	0	0	NR	NR	1
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	2	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	2	NR	NR	2
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	2	NR	NR	2
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	1	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	1	NR	NR	1
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		1	0	0	0	NR	1
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		1	0	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
PROC	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region

EL TORO MARINE CORPS AIR STATION (CLOSED)

DOD CUSA143948
N/A

EL TORO MARINE CORPS AIR (County), CA

< 1/8
1 ft.

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

USMC AIR STATION EL TORO

LAT 33 40 19 LONG 117 43 43

NEAR EL TORO, CA 92709

RCRA-TSDF 1000417911
NPL CA6170023208

CERCLIS
CORRACTS
RCRA-SQG
US ENG CONTROLS
US INST CONTROL
ROD
PADS
FINDS
RAATS
PRP

< 1/8
1 ft.

RCRA-TSDF:

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Owner/Operator Type: Owner
Owner/Op start date: 03/17/1943
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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

Corrective Action Summary:

Event date: 10/01/1986
Event: CA029SF

Event date: 10/01/1986
Event: CA049PA

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

Event date: 06/17/1998
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

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: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

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

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Facility Has Received Notices of Violations:

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 - 264.10-18.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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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 - 264.170-177.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 - 264.10-18.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
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 - 264.50-56.D
Area of violation: TSD - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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

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: 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 - 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
Area of violation: TSD - General
Date violation determined: 12/09/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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 - 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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 - 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 - 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
Date achieved compliance: 09/26/1994
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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: 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
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: 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 - 264.30-37.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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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
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 - 264.70-77.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 - 264.10-18.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 - 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

Map ID
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EDR ID Number
EPA ID Number

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 - 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 - 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
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 - 262.40-43.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

Map ID
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Database(s)

EDR ID Number
EPA ID Number

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 - 264.170-177.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 - 262.20-23.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 - 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
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

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EPA ID Number

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 - 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: 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: 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
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: 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

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Database(s)

EDR ID Number
EPA ID Number

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

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 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: 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: 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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Database(s)

EDR ID Number
EPA ID Number

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

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 07/11/1989
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: 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
Proposed penalty amount: Not reported
Final penalty amount: Not reported

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Database(s)

EDR ID Number
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USMC AIR STATION EL TORO (Continued)

1000417911

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 - 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
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 - 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

Map ID
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Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 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: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

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

Regulation violated: FR - 264.110-120.G

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EDR ID Number
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USMC AIR STATION EL TORO (Continued)

1000417911

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 - 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 - 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 - 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
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure

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USMC AIR STATION EL TORO (Continued)

1000417911

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

Regulation violated: FR - 268 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 - 270
Area of violation: TSD - General
Date violation determined: 03/05/1987

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Database(s)

EDR ID Number
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USMC AIR STATION EL TORO (Continued)

1000417911

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

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

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EDR ID Number
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USMC AIR STATION EL TORO (Continued)

1000417911

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
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

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EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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

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

NPL:

EPA ID: CA6170023208
EPA Region: 09
Federal: Y
Final Date: 1990-02-21 00:00:00

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

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Database(s)

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USMC AIR STATION EL TORO (Continued)

1000417911

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

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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

CERCLIS:

Site ID: 0902770
EPA ID: CA6170023208
Facility County: ORANGE
Short Name: EL TORO MARINE CORPS AIR
Congressional District: 47
IFMS ID: 09H6
SMSA Number: 0360
USGC Hydro Unit: 18070204
Federal Facility: Federal Facility
DMNSN Number: 4710.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Federal Facility
Site Settings Code: SU

Map ID
Direction
Distance
Elevation

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Site

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USMC AIR STATION EL TORO (Continued)

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NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: USNV
Non NPL Status: Not reported
Non NPL Status Date: Not reported
Site Fips Code: 06059
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9271184.00000
Contact Name: Karen Jurist
Contact Tel: (415) 972-3219
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
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Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: MARINE CORPS AIR STA EL TORO
Alias Address: Not reported
SANTA ANA, CA

Alias ID: 102
Alias Name: EL TORO MARINE CORPS AIR STATION
Alias Address: EL TORO MARINE CORPS AIR STA
SANTA ANA, CA 92709

Alias ID: 103
Alias Name: EL TORO MARINE CORPS AIR STATION
Alias Address: EL TORO MARINE CORPS AIR STA
EL TORO, CA 92709

Alias ID: 9270159
Alias Name: FORMER MCAS EL TORO
Alias Address: EEPB FAC MGMT DEPT
SANTA ANA, CA 91702

Alias Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

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EPA ID Number

USMC AIR STATION EL TORO (Continued)

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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

USMC AIR STATION EL TORO (Continued)

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pertinent to past disposal 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 195 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

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whether the 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

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System Master Plan, which incorporated airport planning 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 LAS 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

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of TCE in the influent were about 10 to 160 micrograms per liter (ug/L) and reported concentrations of PCE were 25 to 100 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

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(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 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).

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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 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

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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) 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 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. The Navy Installation Restoration Program (IRP) site numbers and names for the sites addressed in this Record of Decision (ROD) are: -Site 8, Defense Reutilization and Marketing Office (DRMO) Storage Area -Site 12, Sludge Drying Beds Both these sites are within Operable Unit (OU)-3A at Former Marine Corps Air Station (MCAS) El Toro. Former MCAS El Toro is situated in south-central Orange County, California, approximately 8 miles southeast of Santa Ana and 12 miles northeast of Laguna Beach. Sites 8 and 12 are located in the southwest quadrant of Former MCAS El Toro. Former MCAS El Toro provided material and support for Marine Corps aviation activities until the Station was closed in July 1999, as a part of the Base Closure and Realignment Act. At its maximum acreage, the Station comprised about 4,740 acres. In February 2005, the Department of Navy (DON) transferred major portion of the Station via public auction to a private developer. Site 8 was formerly a Defense Reutilization and Marketing Office (DRMO) storage area for containerized liquids, and scrap and salvage materials from Former MCAS El Toro and Former MCAS Tustin. The scrap materials included mechanical and electrical components and various types of liquids. Site 8 is bounded by South Marine Way to the northeast, Q Street to the northwest, Building 360 to the southwest, and Building 800 to the southeast. Site 8 comprises two distinct but adjacent areas bisected by R Street: an old salvage yard and a main storage yard. These two areas are subdivided into the following five separate units: -Unit 1, East Storage Yard -Unit 2, West Storage Yard -Unit 3, Refuse Pile Area (the location of a former refuse pile within the West Storage Yard) -Unit 4, Polychlorinated Biphenyl (PCB) Spill Area (located within the east storage yard) -Unit 5, Old Salvage Yard Site 12 is located near Plant Road, South Marine Way, and Bee Canyon Wash. Site 12 consists of the following four units: -Unit 1, the former location of the west sludge-drying beds -Unit 2, the former location of the east sludge-drying beds -Unit 3, a drainage ditch -Unit 4, the location of former wastewater treatment plants (WWTPs) Site 8 was used as a storage yard from the early years (late 1940s) of the Station operation. During its operation as a storage area for containerized liquids and scrap, liquids such as lubrication oil, fuels, and solvents may have spilled or leaked, impacting the shallow soil at the site. Soil at the site has also been impacted by the spillage of PCB contaminated oil from scrap electrical components. The Phase I Remedial Investigation (RI) Report documented that in 1984, approximately 5 gallons of PCB-containing oil were spilled from a leaking electrical console in a small area at the east end of the main storage yard. PCB-contaminated soil in the spill area (approximately 1,500 square feet) was excavated to a depth of 1 foot below grade. A hazardous waste contractor transported the excavated soil to an offsite disposal facility. No other spills have been documented at the site. The Phase II RI report documented that a refuse pile (Unit 3) was observed near the center of the main storage yard on aerial photographs dating back to 1952. This refuse pile remained visible in aerial photographs through 1990. The pile was removed and disposed of prior to initiation of the Phase I RI in 1991. In December 1993, the top 2 feet of the soil beneath the refuse pile was excavated and removed from Site 8 by a paving contractor. This soil

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was placed in a 15-foot deep excavation (pit) at Unit 2 of IRP Site 19. The WWTP at Site 12 ceased operation in the early 1970s and was demolished a few years later. The industrial wastewater treatment plant (IWWTP) was dismantled by 1961. Data collected during the Phase II RI suggest that the aboveground concrete treatment tanks were demolished in place and then covered with approximately 5 to 7 feet of fill material. The sludge produced at this facility was dewatered in the two drying bed areas (east and west). After the plant closed, the sludge remaining in the drying beds was reportedly abandoned in place. The earthen berms surrounding the sludge beds were combined with imported fill material and graded in place. The drainage ditch (Unit 3) at Site 12 is an unimproved earthen channel that skirted both sludge-drying bed areas into a catch basin located north of Plant Road, which connects to the lower reach south of Plant Road via concrete culverts. History of non-radiological investigations Investigation activities and documents have been prepared to address non-radiological contamination including VOCs, semivolatile organic compounds (SVOCs), pesticides, PCBs, total petroleum hydrocarbons (TPH), total recoverable petroleum hydrocarbons (TRPH), herbicides, and target analyte list (TAL) metals at Sites 8 and 12. In 1992 and 1993, the remedial action evaluation process was started for Sites 8 and 12 with a Phase I RI. Subsequent to the Phase I RI, a Phase II RI was conducted from 1995 through 1997 for Sites 8 and 12 in conjunction with other OU-3A site (Site 11). The Phase II RI Report for OU-3A sites (Sites 8, 11, and 12) provided an interpretation of the nature and extent of non-radiological contamination at Sites 8 and 12 based on the review of data obtained from an aerial photograph survey, and soil sampling and analysis conducted as a part of the Phase I and Phase II RIs. The site characterization information obtained from the Phase I and Phase II RIs was used to complete a Feasibility Study (FS) for Sites 8 and 12 in July 1997. The FS identified and evaluated the alternatives that could be potentially used to remediate non-radiological chemicals of potential concern (COPCs) (e.g., PCBs and polynuclear aromatic hydrocarbons [PAHs]) at the site. Based on the results of the FS, a Proposed Plan (in conjunction with Site 11) was released for public comment for Site 8, Units 3 and 5; and Site 12, Unit 3 in May 1999. The Proposed Plan identified Alternative 3, excavation, with recycling of the excavated soil as cover material at the on-Station Sites 2 and 17 landfills, as the preferred alternative for the portions of the sites contaminated with non-radiological chemicals. Off-Station disposal of contaminated soil was also presented as a disposal option. The Proposed Plan recommended no further action at Units 1, 2, and 4 of Sites 8 and 12. Following issuance of the Proposed Plan, a Draft ROD was prepared for Sites 8 and 12 in combination with other OU-3A site (Site 11) at Former MCAS El Toro. This Draft ROD selected no further action (NFA) for Site 8, Units 1, 2, and 4 and further action for Site 8, Units 3 and 5. For Site 12, this ROD selected NFA for Site 12, Units 1, 2, and 4 and further action at Site 12, Unit 3. The selected remedy for Site 8, Units 3 and 5; and Site 12, Unit 3 noted as Alternative 3 in the Draft ROD consisted of excavation of non-radiologically contaminated soil with recycling of excavated soil as cover material at the on-Station Site 2 or 17 landfills. The remedy included confirmation sampling after excavation to ensure that the contaminated soil exceeding the residential risk-based concentrations (RBCs) for the non-radiological chemicals of concern (COCs) (e.g., PCBs and PAHs) at each area has been removed. The RBCs were calculated based on the risk assessment conducted as a part of the Phase II RI. As a part of activities conducted following the release of the Draft ROD, the human health risk assessment (HHRA) conducted during the Phase II RI was reviewed in detail. The review showed that several exposure factors and toxicity indices used to derive the risk estimates were not current, based on a comparison with those used by Region 9 of the U.S. EPA in the development of its preliminary remediation goal (PRG) table. It was

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also determined that the data from additional soil sampling conducted in May 1999 (subsequent to the Phase II RI) at Site 8, Unit 5 and Site 12, Unit 3 should also be incorporated into the risk assessment and the calculation of the RBCs. Thus, a risk reevaluation was conducted, utilizing all the available data and the California Environmental Protection Agency (Cal/EPA) and U.S. EPA Region 9 toxicity information and exposure factors for the year 2000. In general, the results of the updated HHRA indicated lower risks than the Phase II RI risk assessment values. Based on the updated cancer and noncancer risk values, the report concurred with the NFA recommendation in the Draft ROD for Units 1, 2, and 4 of both Sites 8 and 12 for non-radiological contaminants. For Site 8, Units 3 and 5; and Site 12, Unit 3, a reevaluation of the response action documented in the Draft ROD based on the updated site risks and risk management considerations was recommended. Subsequent to the preparation of the FS and Draft ROD, investigations to assess the nature and extent of potential radiological contamination were completed. The history of these investigations is presented below. History of Radiological Evaluation Subsequent to the preparation of the FS and Draft ROD, a radiological evaluation of Sites 8 and 12 was conducted as a part of the stationwide Historical Radiological Assessment (HRA) for Former MCAS El Toro in 1999 and 2000. The purpose of the HRA was to identify potential, likely, or known sources of radioactive material and radioactive contamination based on existing or derived information and to identify sites that need further action as opposed to those posing no threat to human health. As a part of HRA, interviews, records review, site inspections, and limited informal surveys were conducted at Former MCAS El Toro. Based on these investigations, the HRA recommended further investigation, including radiological surveys at Sites 8 and 12. For Site 8 this recommendation was based on an employee interview which indicated that small quantities of radium painted parts and gauges may have been stored at Site 8. Site 12 was considered potentially impacted since former IWWTP and sludge drying beds were located downstream of Building 296 (former location of radium room), and processed effluent from the Station buildings connected to the industrial waste sewer system. Subsequent to the issuance of the HRA, on-site radiological characterization surveys and sampling were conducted at Sites 8 and 12 in June through November 2001 and in March 2004. These investigations were performed in accordance with the Radiological Survey Plan and the Radiological Sampling Amendment. An analysis of data obtained from radiological surveys and soil sampling indicated that locations with radium 226 (Ra-226) concentrations greater than background levels are present at Units 1 and 4 of Site 8. However, Ra-226 concentrations were found to be consistent with the background concentrations at Site 12, and Units 2, 3, and 5 of Site 8. Therefore, a radiological release report was issued for Site 12, and Units 2, 3, and 5 of Site 8 in conjunction with IRP Site 25 (Bee Canyon Wash Outfall). Based on the statistical analyses of the Ra-226 data, and risk and dose assessments, this report concluded that the occurrence and distribution of Ra-226 at Units 2, 3, and 5 of Site 8 and Site 12 are consistent with ambient concentrations. Therefore, a Site Evaluation Accomplished (SEA) recommendation was made for Units 2, 3, and 5 of Site 8 and Site 12. The SEA recommendation denotes that the CERCLA requirement for the site evaluation of radionuclides has been accomplished, and radionuclides will be removed from the list of COPCs and further consideration under CERCLA at Units 2, 3, and 5 of Site 8 and Site 12. However, since locations with higher than background concentrations of Ra-226 were found at Units 1 and 4 of Site 8, these units were selected for further response action under CERCLA. A ROD addressing OU 3 was completed in May 2007. 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

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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: 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

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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 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 report sampling, 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 with Former MCAS El Toro personnel. Following closure of the base, the Department of Navy (DON) finalized an Environmental Impact Report/Environmental Impact Study in March

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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 Code: 001
Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1986
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 10/01/1986
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 06/01/1987
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 06/01/1987
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

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Action Anomaly: Not reported

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

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 06/24/1988
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 02/21/1990
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 05/21/1990
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started: 07/01/1989
Date Completed: 09/28/1990
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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Action Code: 001
Action: FEDERAL INTERAGENCY AGREEMENT
Date Started: 09/28/1990
Date Completed: 09/28/1990
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION
Date Started: 09/28/1990
Date Completed: 12/17/1993
Priority Level: Not reported
Operable Unit: EOD RANGE: SITE 1
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Restoration Advisory Board
Date Started: 04/01/1994
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 007
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/1990
Date Completed: 09/29/1997
Priority Level: Not reported
Operable Unit: SOIL VOC SOURCE AREA: SITE 24
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 006
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/1990
Date Completed: 09/29/1997

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Priority Level: Not reported
Operable Unit: NFA SITES
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 006
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/29/1997
Priority Level: Not reported
Operable Unit: NFA SITES
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/29/1997
Priority Level: Not reported
Operable Unit: SOIL VOC SOURCE AREA: SITE 24
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 01/06/1998
Date Completed: 01/20/1999
Priority Level: Not reported
Operable Unit: SOIL VOC SOURCE AREA: SITE 24
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION
Date Started: 09/30/1997
Date Completed: 09/07/1999
Priority Level: Not reported
Operable Unit: NFA: SITES 7 & 14
Primary Responsibility: Federal Facilities

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Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 005
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/30/1999
Priority Level: Not reported
Operable Unit: SOIL SITES: 8, 11, 12
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 004
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/1990
Date Completed: 07/12/2000
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 2 & 17
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 003
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 07/12/2000
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 2 & 17
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 007
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 06/06/2001
Priority Level: Not reported
Operable Unit: NFA: SITES 7 & 14
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/1990
Date Completed: 06/27/2002
Priority Level: Not reported
Operable Unit: BASEWIDE GROUNDWATER
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 06/27/2002
Priority Level: Not reported
Operable Unit: BASEWIDE GROUNDWATER
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/1990
Date Completed: 06/30/2002
Priority Level: Not reported
Operable Unit: SOIL SITES: 8, 11, 12
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 05/17/1999
Date Completed: 06/30/2002
Priority Level: Not reported
Operable Unit: SOIL VOC SOURCE AREA: SITE 24
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

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Action: TREATABILITY STUDY
Date Started: 08/28/2000
Date Completed: 08/28/2002
Priority Level: Not reported
Operable Unit: BURN PITS: SITE 16
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 008
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 04/30/1994
Date Completed: 08/30/2002
Priority Level: Not reported
Operable Unit: BURN PITS: SITE 16
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 011
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 08/16/2003
Priority Level: Not reported
Operable Unit: BURN PITS: SITE 16
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/1990
Date Completed: 03/07/2005
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 01/13/2000
Date Completed: 03/31/2005
Priority Level: Not reported
Operable Unit: SOIL SITES: 8, 11, 12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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

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

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 03/01/2003
Date Completed: 05/31/2005
Priority Level: Not reported
Operable Unit: BASEWIDE GROUNDWATER
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 07/12/2000
Date Completed: 11/22/2005
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 2 & 17
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 009
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/25/2004
Date Completed: 12/19/2005
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 2 & 17
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 009
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 07/22/2005
Date Completed: 01/20/2006
Priority Level: Not reported
Operable Unit: BURN PITS: SITE 16
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Action Anomaly: Not reported

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

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 03/24/2005
Date Completed: 02/03/2006
Priority Level: Final RA Report
Operable Unit: SOIL SITES: 8, 11, 12
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 013
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 03/14/2006
Priority Level: Not reported
Operable Unit: SOIL VOC SOURCE AREA: SITE 24
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 03/14/2006
Priority Level: Not reported
Operable Unit: BASEWIDE GROUNDWATER
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 010
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 12/06/2005
Date Completed: 12/01/2006
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION
Date Started: 06/03/2005
Date Completed: 12/29/2006
Priority Level: Not reported
Operable Unit: EOD RANGE: SITE 1
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FEDERAL FACILITY FEASIBILITY STUDY
Date Started: 01/29/2007
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: EOD RANGE: SITE 1
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 009
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 05/08/2007
Priority Level: Not reported
Operable Unit: SOIL SITES: 8, 11, 12
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: OPERATIONS AND MAINTENANCE
Date Started: 10/09/2007
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: BURN PITS: SITE 16
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 009
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 01/20/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Date Completed: 10/09/2007
Priority Level: Interim RA Report
Operable Unit: BURN PITS: SITE 16
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 010
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 03/06/2008
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: OPERATIONS AND MAINTENANCE
Date Started: 03/27/2008
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: BASEWIDE GROUNDWATER
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 03/21/2005
Date Completed: 03/27/2008
Priority Level: Interim RA Report
Operable Unit: BASEWIDE GROUNDWATER
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

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

Action Code: 002
Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 12/15/2008
Priority Level: Not reported
Operable Unit: BASEWIDE GROUNDWATER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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

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

Action Code: 008
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 09/12/2007
Date Completed: 12/30/2008
Priority Level: Not reported
Operable Unit: SOIL SITES: 8, 11, 12
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 008
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 01/22/2009
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: SOIL SITES: 8, 11, 12
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 08/25/2005
Date Completed: 03/05/2009
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 2 & 17
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 003
Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 07/29/2009
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 2 & 17
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Action Anomaly: Not reported

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

Action Code: 004
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 09/01/2008
Date Completed: 08/13/2009
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 004
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 08/17/2009
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: Not reported
Date Completed: 09/28/2009
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 015
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 08/09/2010
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Action Code: 002
Action: FEDERAL FACILITY FEASIBILITY STUDY
Date Started: 01/29/2007
Date Completed: 04/13/2011
Priority Level: Not reported
Operable Unit: EOD RANGE: SITE 1
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 011
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 07/19/2011
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 012
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 07/01/2011
Date Completed: 07/19/2011
Priority Level: Not reported
Operable Unit: LANDFILLS: SITES 3 & 5
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Federal Register Details:

Fed Register Date: 02/21/1990
Fed Register Volume: 55
Page Number: 6154

Fed Register Date: 06/24/1988
Fed Register Volume: 53
Page Number: 23988

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

CORRACTS:

EPA ID: CA6170023208

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 01/01/1996
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, 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: 09
Area Name: OU2A - VADOSE ZONE SOILS
Actual Date: 01/23/1997
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: 09
Area Name: OU2A - VADOSE ZONE SOILS
Actual Date: 01/23/1997
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: 09
Area Name: OU2A - VADOSE ZONE SOILS
Actual Date: 01/23/1997
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: 09
Area Name: OU2A - VADOSE ZONE SOILS
Actual Date: 01/23/1997
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: 09
Area Name: ENTIRE FACILITY
Actual Date: 04/20/1991
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 92811

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 05/01/1996
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 05/01/1996
Action: CA050 - RFA Completed
NAICS Code(s): 92811
National Security
Original schedule date: 05/01/1996
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 05/01/1996
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 92811
National Security
Original schedule date: 05/01/1996
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/01/1987
Action: CA049SI
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/17/1998
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Actual Date: 06/17/1998
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: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/17/1998
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: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/17/1998
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: 09
Area Name: FOST 1
Actual Date: 07/23/2004
Action: CA999RM - Corrective Action Process Terminated, Remedial Activities Completed

NAICS Code(s): 92811
National Security

Original schedule date: 07/23/2004
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: FOST 1
Actual Date: 07/23/2004
Action: CA999 - Corrective Action Process Terminated

NAICS Code(s): 92811
National Security

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: OU2A - VADOSE ZONE SOILS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Actual Date: 07/23/2004
Action: CA999 - Corrective Action Process Terminated
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: FOST 2
Actual Date: 08/29/2005
Action: CA999 - Corrective Action Process Terminated
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: OU2A - VADOSE ZONE SOILS
Actual Date: 09/30/1997
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: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/01/1986
Action: CA029SF
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/01/1986
Action: CA049PA
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA6170023208
EPA Region: 09
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
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

EPA ID: CA6170023208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/24/1990
Action: CA250 - CMS Imposition
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

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: 20060314
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 20060314
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Reinjection

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 20081215
Operable Unit: 01
Contaminated Media : Soil Gas
Engineering Control: Sampling

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 20020627
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Air Stripping

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 20020627
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 20020627
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 20020627
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 19970929
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Carbon Adsorption

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 19970929
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 19970929
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 20000712
Operable Unit: 04
Contaminated Media : Groundwater
Engineering Control: Leachate Control

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 20000712
Operable Unit: 04
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 20000712
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 006

Map ID
Direction
Distance
Elevation

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: 19970929
Operable Unit: 06
Contaminated Media : Sediment
Engineering Control: No Action

Action ID: 006
Action Name: RECORD OF DECISION
Action Completion date: 19970929
Operable Unit: 06
Contaminated Media : Soil
Engineering Control: No Action

Action ID: 006
Action Name: RECORD OF DECISION
Action Completion date: 19970929
Operable Unit: 06
Contaminated Media : Surface Water
Engineering Control: No Action

Action ID: 007
Action Name: RECORD OF DECISION
Action Completion date: 20010606
Operable Unit: 07
Contaminated Media : Soil
Engineering Control: No Action

Action ID: 009
Action Name: RECORD OF DECISION
Action Completion date: 20070508
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 009
Action Name: RECORD OF DECISION
Action Completion date: 20070508
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 009
Action Name: RECORD OF DECISION
Action Completion date: 20070508
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Monitoring

Action ID: 009
Action Name: RECORD OF DECISION
Action Completion date: 20070508
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: No Action

Action ID: 009
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

Action Completion date: 20070508
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Sampling

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: No Action

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Landfill Gas
Engineering Control: Active Gas Collection System

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Landfill Gas
Engineering Control: Monitoring

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Landfill Gas
Engineering Control: Passive Gas Collection System

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: No Action

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Operable Unit: 05
Contaminated Media : Solid Waste
Engineering Control: Cap

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Solid Waste
Engineering Control: Consolidate

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Solid Waste
Engineering Control: Engineering Control, (N.O.S.)

Action ID: 010
Action Name: RECORD OF DECISION
Action Completion date: 20080306
Operable Unit: 05
Contaminated Media : Solid Waste
Engineering Control: Operations & Maintenance (O&M)

Action ID: 011
Action Name: RECORD OF DECISION
Action Completion date: 20030816
Operable Unit: 09
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 011
Action Name: RECORD OF DECISION
Action Completion date: 20030816
Operable Unit: 09
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 011
Action Name: RECORD OF DECISION
Action Completion date: 20030816
Operable Unit: 09
Contaminated Media : Groundwater
Engineering Control: Natural Attenuation

Action ID: 011
Action Name: RECORD OF DECISION
Action Completion date: 20030816
Operable Unit: 09
Contaminated Media : Soil
Engineering Control: Monitoring

Action ID: 011
Action Name: RECORD OF DECISION
Action Completion date: 20030816
Operable Unit: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Contaminated Media : Soil
Engineering Control: Surface Drainage Control

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 20060314
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: No Further Action

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Landfill Gas
Engineering Control: Active Gas Collection System

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Landfill Gas
Engineering Control: Operations & Maintenance (O&M)

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Landfill Gas
Engineering Control: Passive Gas Collection System

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Containment, (N.O.S.)

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Impermeable Barrier

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Engineering Control: Operations & Maintenance (O&M)

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Solid Waste
Engineering Control: Containment, (N.O.S.)

Action ID: 015
Action Name: RECORD OF DECISION
Action Completion date: 20100809
Operable Unit: 05
Contaminated Media : Solid Waste
Engineering Control: Operations & Maintenance (O&M)

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
Compleat. 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
Compleat. 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
Address: EL TORO MARINE CORPS AIR STA
EL TORO, CA 92709

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

Inst. Control: Land Use Restriction
Actual Date: Not reported
Compleat. Date: 07/12/2000
Operable Unit: 04
Contaminated Media : Soil

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: Building, demolition, or excavation regulation
Actual Date: Not reported
Compleat. Date: 03/06/2008
Operable Unit: 05
Contaminated Media : Soil

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: Deed Notices
Actual Date: Not reported
Compleat. Date: 03/06/2008
Operable Unit: 05
Contaminated Media : Soil

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: Zoning regulation
Actual Date: Not reported
Compleat. Date: 03/06/2008
Operable Unit: 05
Contaminated Media : Soil

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

EPA Region: 09
County: ORANGE
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: Not reported
Comple. Date: 03/06/2008
Operable Unit: 05
Contaminated Media : Solid Waste

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: Zoning regulation
Actual Date: Not reported
Comple. Date: 03/06/2008
Operable Unit: 05
Contaminated Media : Solid Waste

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
Comple. Date: 08/09/2010
Operable Unit: 05
Contaminated Media : Soil

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
Comple. Date: 08/09/2010
Operable Unit: 05
Contaminated Media : Solid Waste

ROD:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

PADS:

EPAID: CA6170023208
Facility name: US GOVERNMENT MCAS EL TORO
Facility Address: MCAS EL TORO
SANTA ANA, CA 92709
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: US GOVERNMENT
Contact title: Not reported
Contact name: REHOR MICHAEL
Contact tel: (714)726-2821
Contact extension: Not reported
Mailing address: MARINE CORPS AIR STA BLDG 368 (1JG)
SANTA ANA, CA 92709
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 4/3/1990
Date received: 5/31/1990

FINDS:

Registry ID: 110001138135

Environmental Interest/Information System

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.

HAZARDOUS WASTE BIENNIAL REPORTER

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USMC AIR STATION EL TORO (Continued)

1000417911

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

1
West
1/4-1/2
0.260 mi.
1373 ft.

MARINE CORPS AIR STATION EL TORO

LUCIS 1009526385
N/A

, CA

Relative:
Lower

LUCIS:
 BRACMIS facility ID: 40
 Facility name: Marine Corps Air Station El Toro
 State: CA
 Status code: Not reported
 EFD abbreviation: SWESTDIV
 Caretaker: Not reported
 BRAC Year: 93
 Recommendation: Closure
 Total acres to transfer: 4738
 Acres transferred: 901
 Closure date: 07/02/99
 UIC: Not reported
 Last deed transferred by: / /
 Acres owned: 0
 Zip Code: Not reported
 Record update date: / /
 Record creation date: 02/20/01
 Last update date: 04/16/04

Actual:
389 ft.

LUCIS Deed Details:

Deed ID: 1
 Deed name: FAA Habitat Preserve
 NEPA code: Not reported
 Acreage: 901
 Transfer type: Federal Agency to Federal Agency Transfer
 Sign date of deed: 12/03/01
 Property transferee: FAA
 Cleanup date: / /
 FOST date: 07/10/00
 EBS date: 04/01/95
 NEPA complete date: / /
 Early transfer authority: No
 Restriction term: Not reported
 Date record created: 04/16/04
 Date rec. last updated: 04/19/04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS AIR STATION EL TORO (Continued)

1009526385

LUCIS Base Description:

MCAS El Toro is located on the Tustin Plain, a broad alluvial valley in Southern California near the center of Orange County. The installation was established in 1943 and is comprised of runways, aircraft maintenance and training facilities, housing, and other support facilities totaling 4,738 acres. MCAS El Toro is located in a residential and industrial/manufacturing area approximately 40 miles south of downtown Los Angeles and approximately 100 miles north of the California/Mexico border. MCAS El Toro is bordered on the northwest, south, and west by the city of Irvine and on the east by the city of Lake Forest.

LUCIS Document Details:

Document code: Deed Area
Document ID: 805.00000
Document title: Environmental Summary Document for Certain Property Marine Corps Air Station El Toro, CA
Author: R.E. Schenk
Author city: Southwest Div
Author address: 1220 Pacific Highway San Diego, CA 92132-5190
Document name: 40_Environmental_Summary_Doc_El_Toro_FAAHabitat_392.pdf
Document number: 16.00000
Source ID: Not Available
Point of contact: NAVFACENGCOMM
Contact Telephone: Not reported
Contact email: Not Available
Document abbreviation: Not reported
Version number: Not reported
Document date: 04/04/00
Date record created: 04/19/04
Date rec. last update: 10/19/04

Document code: Deed Area
Document ID: 806.00000
Document title: Memorandum of Understanding
Author: G.A. Engle
Author city: Southwest Div.
Author address: 1220 Pacific Highway San Diego, CA 92132-5190
Document name: 40_MOU_El_Toro_FAAHabitat_392.pdf
Document number: 12.00000
Source ID: Not Available
Point of contact: NAVFACENGCOMM
Contact Telephone: Not reported
Contact email: Not Available
Document abbreviation: Not reported
Version number: Not reported
Document date: 11/26/01
Date record created: 04/19/04
Date rec. last update: 10/19/04

Document code: Deed Area
Document ID: 807.00000
Document title: Transfer and Acceptance of Military Real Property
Author: William R. Carsillo
Author city: Southwest Div
Author address: 1220 Pacific Highway San Diego, CA 92132-5190
Document name: 40_Transfer_Letter_El_Toro_FAAHabitat_392.pdf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS AIR STATION EL TORO (Continued)

1009526385

Document number: 8.00000
Source ID: Not Available
Point of contact: NAVFACENGCOMM
Contact Telephone: Not reported
Contact email: Not Available
Document abbreviation: Not reported
Version number: Not reported
Document date: 10/31/01
Date record created: 04/19/04
Date rec. last update: 10/19/04

Document code: Installation
Document ID: 804.00000
Document title: El Toro EBS
Author: Mike Arends, P.E.
Author city: Southwest Div.
Author address: 1220 Pacific Highway San Diego, CA 92132-5190
Document name: 40_El_Toro_EBS.pdf
Document number: 367.00000
Source ID: CLE-C01-01F2B4-S2-0004
Point of contact: NAVFACENGCOMM
Contact Telephone: Not reported
Contact email: Not Available
Document abbreviation: Not reported
Version number: Not reported
Document date: 03/31/95
Date record created: 04/16/04
Date rec. last update: 04/19/04

2
NW
1/4-1/2
0.294 mi.
1551 ft.

TIERRA VERDE INDUSTRIES ECOCENTRE
8065 MARINE WAY, PLANNING AREA 51
IRVINE, CA

SWF/LF S111213959
N/A

Relative:
Higher

SWF/LF (SWIS):
Region: STATE
Facility ID: 30-AB-0403
Lat/Long: 33.6730299 / -117.75086
Owner Name: Orange County Great Parks Corporation
Owner Telephone: 9497246247
Owner Address: Not reported
Owner Address2: P.O. Box 19575
Owner City,St,Zip: Irvine, CA 92623
Operator: Tierra Verde Industries
Operator Phone: 9495510363
Operator Address: Arthur Kazarian
Operator Address2: P.O. Box 279
Operator City,St,Zip: Irvine, CA 92650-0279
Operator's Status: Active
Permit Date: 07/05/2011
Permit Status: Permitted
Permitted Acreage: 39
Activity: Composting Facility (Mixed)
Regulation Status: Permitted
Landuse Name: Industrial,Commercial
GIS Source: Map

Actual:
409 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIERRA VERDE INDUSTRIES ECOCENTRE (Continued)

S111213959

Category: Composting
Unit Number: 01
Inspection Frequency: Monthly
Accepted Waste: Food Wastes,Green Materials,Wood waste
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 30-AB-0403
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 3000
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 3000
Remaining Capacity: Not reported
Remaining Capacity with Units: Tons/day

Region: STATE
Facility ID: 30-AB-0403
Lat/Long: 33.6730299 / -117.75086
Owner Name: Orange County Great Parks Corporation
Owner Telephone: 9497246247
Owner Address: Not reported
Owner Address2: P.O. Box 19575
Owner City,St,Zip: Irvine, CA 92623
Operator: Tierra Verde Industries
Operator Phone: 9495510363
Operator Address: Arthur Kazarian
Operator Address2: P.O. Box 279
Operator City,St,Zip: Irvine, CA 92650-0279
Operator's Status: Active
Permit Date: 07/05/2011
Permit Status: Permitted
Permitted Acreage: 6.7
Activity: Large Volume Transfer/Proc Facility
Regulation Status: Permitted
Landuse Name: Industrial,Commercial
GIS Source: Map
Category: Transfer/Processing
Unit Number: 02
Inspection Frequency: Monthly
Accepted Waste: Construction/demolition,Mixed municipal
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 30-AB-0403
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 1890
Remaining Capacity: Not reported
Remaining Capacity with Units: Tons/day

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A3
NNW
1/4-1/2
0.322 mi.
1698 ft.

COMPOSTING PLANT
IRVINE
7992 IRVINE BLVD
IRVINE, CA 92618

WMUDS/SWAT **S104384474**
WDS **N/A**

Site 1 of 2 in cluster A

Relative:
Higher

WMUDS/SWAT:

Edit Date: Not reported

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.

Actual:
435 ft.

Primary Waste: Stormwater Runoff

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: AGUINAGA FERTILIZER CO. INC.

Agency Department: Not reported

Agency Address: 7992 IRVINE BLVD.

Agency City,St,Zip: IRVINE CA 92618

Agency Contact: ROGER AGUINAGA

Agency Telephone: 7147869558

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

Resource Conservation Recovery Act: False

Department of Defence: False

Solid Waste Assessment Test Program: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMPOSTING PLANTIRVINE (Continued)

S104384474

should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Sub Chapter 15: True
Regional Board Project Officer: AAK
Number of WMUDS at Facility: 0
Section Range: Not reported
RCRA Facility: No
Waste Discharge Requirements: A
Self-Monitoring Rept. Frequency: Quarterly Submittal
Waste Discharge System ID: 8 302503001
Solid Waste Information ID: Not reported

CA WDS:

Facility ID: Santa Ana River 302503001
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: Not reported
Subregion: 8
Facility Telephone: Not reported
Facility Contact: ROGER AGUINAGA
Agency Name: AGUINAGA FERTILIZER CO. INC.
Agency Address: 7992 IRVINE BLVD.
Agency City,St,Zip: IRVINE 92618
Agency Contact: ROGER AGUINAGA
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 2875
SIC Code 2: Not reported
Primary Waste: Stormwater Runoff
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
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
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.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A4
NNW
1/4-1/2
0.331 mi.
1749 ft.

TIERRA VERDE INDUSTRIES
7982 IRVINE BLVD
IRVINE, CA 92618
Site 2 of 2 in cluster A

WDS
WMUDS/SWAT
LDS
HAZNET
EMI
S104384478
N/A

Relative:
Higher

Actual:
436 ft.

CA WDS:
 Facility ID: Santa Ana River 303101001
 Facility Type: Agricultural - Facility that treats and/or disposes of the wastes associated with confined and concentrated animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this category.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: Not reported
 Subregion: 8
 Facility Telephone: Not reported
 Facility Contact: TOM HALE
 Agency Name: TIERRA VERDE INDUSTRIES
 Agency Address: PO BOX 24
 Agency City,St,Zip: IRVINE 926500024
 Agency Contact: TOM HALE
 Agency Telephone: 9495510363
 Agency Type: Private
 SIC Code: 2875
 SIC Code 2: 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
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The facility is not a POTW.
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
 Facility ID: Santa Ana River 30I013545
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIERRA VERDE INDUSTRIES (Continued)

S104384478

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: 8
Facility Telephone: 9495510363
Facility Contact: TOM HALE
Agency Name: TIERRA VERDE INDUSTRIES
Agency Address: PO BOX 24
Agency City,St,Zip: IRVINE 926500024
Agency Contact: TOM HALE
Agency Telephone: 9495510363
Agency Type: Private
SIC Code: 2875
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
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.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIERRA VERDE INDUSTRIES (Continued)

S104384478

Agency Name: TIERRA VERDE INDUSTRIES
Agency Department: Not reported
Agency Address: 7982 IRVINE BLVD
Agency City,St,Zip: IRVINE CA 92718
Agency Contact: TOM HALE
Agency Telephone: 9495510363
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: Agricultural - Facility that treats and/or disposes of the wastes associated with confined and concentrated animal feeding, confined animal feeding, confined animal holding, confined and concentrated aquatic animal production facilities, and aquaculture. the treatment and/or disposal of agricultural return water is included in this category.

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
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: H
Self-Monitoring Rept. Frequency: No Reporting Requirements
Waste Discharge System ID: 8 303101001
Solid Waste Information ID: Not reported

LDS:

Global Id: L10009103326
Latitude: 33.6845
Longitude: -117.7167
Case Type: Land Disposal Site
Status: Completed - Case Closed
Status Date: 01/01/1965
Lead Agency: SANTA ANA RWQCB (REGION 8)
Caseworker: JPL
Local Agency: Not reported
RB Case Number: 8 303101001
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIERRA VERDE INDUSTRIES (Continued)

S104384478

Potential Contaminants of Concern: Not reported
Site History: TVI no longer operates a greenwaste chipping and grinding fac. at this location.

[Click here to access the California GeoTracker records for this facility:](#)

HAZNET:

Year: 2006
Gepaid: CAL000104583
Contact: JOHN KAZARIAN
Telephone: 9495510363
Mailing Name: Not reported
Mailing Address: PO BOX 279
Mailing City,St,Zip: EAST IRVINE, CA 926500279
Gen County: Orange
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: 0.02
Facility County: Orange

Year: 2005
Gepaid: CAL000104583
Contact: JOHN KAZARIAN
Telephone: 9495510363
Mailing Name: Not reported
Mailing Address: PO BOX 279
Mailing City,St,Zip: EAST IRVINE, CA 926500279
Gen County: Orange
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.03
Facility County: Not reported

Year: 2004
Gepaid: CAL000104583
Contact: JOHN KAZARIAN
Telephone: 9495510363
Mailing Name: Not reported
Mailing Address: PO BOX 279
Mailing City,St,Zip: EAST IRVINE, CA 926500279
Gen County: Orange
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.03
Facility County: Not reported

Year: 2003
Gepaid: CAL000104583
Contact: JOHN KAZARIAN
Telephone: 9495510363

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TIERRA VERDE INDUSTRIES (Continued)

S104384478

Mailing Name: Not reported
Mailing Address: PO BOX 279
Mailing City,St,Zip: EAST IRVINE, CA 926500279
Gen County: Orange
TSD EPA ID: CAD982444481
TSD County: Orange
Waste Category: Oil/water separation sludge
Disposal Method: Transfer Station
Tons: 6.25
Facility County: Orange

Year: 2003
Gepaid: CAL000104583
Contact: JOHN KAZARIAN
Telephone: 9495510363
Mailing Name: Not reported
Mailing Address: PO BOX 279
Mailing City,St,Zip: EAST IRVINE, CA 926500279
Gen County: Orange
TSD EPA ID: CAD981696420
TSD County: Orange
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 0.22
Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access 8 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 35438
Air District Name: SC
SIC Code: 2873
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: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

5
WNW
1/4-1/2
0.423 mi.
2235 ft.

**COMMUNICATIONS STN LF (EL TORO MCAS #17)
IRVINE BLVD. AND TRABUCO RD.
IRVINE, CA**

**SWF/LF S103340357
N/A**

Relative:
Lower
Actual:
389 ft.

SWF/LF (SWIS):
Region: STATE
Facility ID: 30-CR-0114
Lat/Long: 33.6741499 / -117.70766

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COMMUNICATIONS STN LF (EL TORO MCAS #17) (Continued)

S103340357

Owner Name: U S Dept. of Navy (Southwest Div.)
 Owner Telephone: 6195320952
 Owner Address: Not reported
 Owner Address2: 1220 Pacific Highway
 Owner City,St,Zip: San Diego, CA 92132-5190
 Operator: U S Dept. of Navy (Southwest Div.)
 Operator Phone: 6195320952
 Operator Address: Not reported
 Operator Address2: 1220 Pacific Highway
 Operator City,St,Zip: San Diego, CA 92132-5190
 Operator's Status: Closed
 Permit Date: Not reported
 Permit Status: Not reported
 Permitted Acreage: 0
 Activity: Solid Waste Disposal Site
 Regulation Status: Pre-regulations
 Landuse Name: Not reported
 GIS Source: Map
 Category: Disposal
 Unit Number: 01
 Inspection Frequency: None
 Accepted Waste: Not reported
 Closure Date: Not reported
 Closure Type: Not reported
 Disposal Acreage: 0
 SWIS Num: 30-CR-0114
 Waste Discharge Requirement Num: Not reported
 Program Type: Not reported
 Permitted Throughput with Units: Not reported
 Actual Throughput with Units: Not reported
 Permitted Capacity with Units: Not reported
 Remaining Capacity: Not reported
 Remaining Capacity with Units: Not reported

6
NNW
1/2-1
0.546 mi.
2882 ft.

GENERAL ELECTRIC ENERGY & ENVIR RESEARCH
8001 IRVINE BLVD
IRVINE, CA 92709

HIST CORTESE
SLIC
Orange Co. Industrial Site
HAZNET
ENVIROSTOR

S104574127
N/A

Relative:
Higher

CORTESE:
 Region: CORTESE
 Facility County Code: 30
 Reg By: LTNKA
 Reg Id: 083001709T

Actual:
438 ft.

SLIC:
 Region: STATE
Facility Status: Open - Remediation
 Status Date: 12/01/2006
 Global Id: SL208584045
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Lead Agency Case Number: Not reported
 Latitude: 33.6859963061723
 Longitude: -117.715330123901
 Case Type: Cleanup Program Site
 Case Worker: MGC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL ELECTRIC ENERGY & ENVIR RESEARCH (Continued)

S104574127

Local Agency: Not reported
RB Case Number: SL208584045
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Not reported
Site History: There are two recorded land use covenants for this property.

[Click here to access the California GeoTracker records for this facility:](#)

Orange Co. Industrial Site:

Case ID: 04IC013
Region: ORANGE
Record ID: RO0003307
Current Status: CLOSED 11/22/2004
Closure Type: After soil closure, referred to Regional Board for GW oversight
Released Chemical: FUEL WASTE ARSENIC

Case ID: 06IC006
Region: ORANGE
Record ID: RO0003381
Current Status: CLOSED 7/26/2007
Closure Type: Closure certification issued
Released Chemical: ORGANIC COMPOUNDS, FUEL WASTE INORGANIC WASTES

HAZNET:

Year: 2002
Gepaid: CAD981388697
Contact: PETER MALY SITE MANAGER
Telephone: 9495521803
Mailing Name: Not reported
Mailing Address: 8001 IRVINE BLVD
Mailing City,St,Zip: IRVINE, CA 926181204
Gen County: Orange
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Treatment, Incineration
Tons: 0.00
Facility County: Not reported

Year: 2002
Gepaid: CAD981388697
Contact: PETER MALY SITE MANAGER
Telephone: 9495521803
Mailing Name: Not reported
Mailing Address: 8001 IRVINE BLVD
Mailing City,St,Zip: IRVINE, CA 926181204
Gen County: Orange
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Treatment, Tank
Tons: 0.07
Facility County: Not reported

Year: 2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL ELECTRIC ENERGY & ENVIR RESEARCH (Continued)

S104574127

Gepaid: CAD981388697
Contact: PETER MALY SITE MANAGER
Telephone: 9495521803
Mailing Name: Not reported
Mailing Address: 8001 IRVINE BLVD
Mailing City,St,Zip: IRVINE, CA 926181204
Gen County: Orange
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.36
Facility County: Not reported

Year: 2002
Gepaid: CAD981388697
Contact: PETER MALY SITE MANAGER
Telephone: 9495521803
Mailing Name: Not reported
Mailing Address: 8001 IRVINE BLVD
Mailing City,St,Zip: IRVINE, CA 926181204
Gen County: Orange
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: 0.22
Facility County: Not reported

Year: 2002
Gepaid: CAD981388697
Contact: PETER MALY SITE MANAGER
Telephone: 9495521803
Mailing Name: Not reported
Mailing Address: 8001 IRVINE BLVD
Mailing City,St,Zip: IRVINE, CA 926181204
Gen County: Orange
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 5.37
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 56 additional CA_HAZNET: record(s) in the EDR Site Report.

ENVIROSTOR:

Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GENERAL ELECTRIC ENERGY & ENVIR RESEARCH (Continued)

S104574127

Facility ID: 30990006
 Site Code: Not reported
 Assembly: 71
 Senate: 33
 Special Program: Not reported
 Status: Refer: 1248 Local Agency
 Status Date: 06/15/2004
 Restricted Use: NO
 Site Mgmt. Req.: NONE SPECIFIED
 Funding: Not Applicable
 Latitude: 0
 Longitude: 0
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 30990006
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

7
West
1/2-1
0.684 mi.
3610 ft.

EL TORO MCAS
4,741 ACRES; 9MI NE OF NEWPORT BEACH, CA
IRVINE, CA 92709

HIST Cal-Sites **S101272791**
Cortese **N/A**
DEED
ENVIROSTOR

Relative:
Lower

Calsite:
 Facility ID: 30970003
 Region: 3
 Region Name: GLENDALE
 Branch: SO
 Branch Name: OMF-SOUTHERN CALIF
 File Name: Not reported
 State Senate District: 05011986
 Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency: EPA
 Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
 Facility Type: CLOSE
 Type Name: CLOSED MILITARY BASE
 NPL: Listed

Actual:
343 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

SIC Code: 97
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: FCHENG
Supervisor Responsible for Site: Not reported
Region Water Control Board: SA
Region Water Control Board Name: SANTA ANA
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 71
State Senate District Code: 33
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TK761
Proposed Budget: 0
AWP Completion Date: 09232003
Revised Due Date: Not reported
Comments Date: 09232003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: APH3
Proposed Budget: 0
AWP Completion Date: 06302005
Revised Due Date: Not reported
Comments Date: 10072004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: APH46
Proposed Budget: 0
AWP Completion Date: 08102004
Revised Due Date: Not reported
Comments Date: 08102004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: APHO6
Proposed Budget: 0
AWP Completion Date: 11212002
Revised Due Date: Not reported
Comments Date: 11212002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: T359B
Proposed Budget: 0
AWP Completion Date: 11212002
Revised Due Date: Not reported
Comments Date: 11212002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA626
Proposed Budget: 0
AWP Completion Date: 10222002
Revised Due Date: Not reported
Comments Date: 10222002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA529
Proposed Budget: 0
AWP Completion Date: 10222002
Revised Due Date: Not reported
Comments Date: 10222002
Est Person-Yrs to complete: 0
Estimated Size: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA778
Proposed Budget: 0
AWP Completion Date: 10222002
Revised Due Date: Not reported
Comments Date: 10222002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: B307
Proposed Budget: 0
AWP Completion Date: 07242002
Revised Due Date: Not reported
Comments Date: 07242002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	OU31
Proposed Budget:	0
AWP Completion Date:	01162002
Revised Due Date:	Not reported
Comments Date:	01162002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	TA307
Proposed Budget:	0
AWP Completion Date:	07312001
Revised Due Date:	Not reported
Comments Date:	07312001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	OU316

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Proposed Budget: 0
AWP Completion Date: 07312006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU316
Proposed Budget: 0
AWP Completion Date: 06282006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: OU316
Proposed Budget: 0
AWP Completion Date: 01262007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	DES
Activity Name:	DESIGN
AWP Code:	OU316
Proposed Budget:	0
AWP Completion Date:	04282006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU316
Proposed Budget:	0
AWP Completion Date:	10032003
Revised Due Date:	Not reported
Comments Date:	10032003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU311
Proposed Budget: 0
AWP Completion Date: 07292006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: DES
Activity Name: DESIGN
AWP Code: OU311
Proposed Budget: 0
AWP Completion Date: 04282006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: OU38
Proposed Budget: 0
AWP Completion Date: 02262006
Revised Due Date: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	DES
Activity Name:	DESIGN
AWP Code:	OU38
Proposed Budget:	0
AWP Completion Date:	04282006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU38
Proposed Budget:	0
AWP Completion Date:	07292006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	OU31
Proposed Budget:	0
AWP Completion Date:	04302008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	OU31
Proposed Budget:	0
AWP Completion Date:	01312008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity: DES
Activity Name: DESIGN
AWP Code: OU31
Proposed Budget: 0
AWP Completion Date: 04302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU31
Proposed Budget: 0
AWP Completion Date: 11262006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU31
Proposed Budget: 0
AWP Completion Date: 03292006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: DEED
Activity Name: DEED RESTRICTIONS
AWP Code: OU2C
Proposed Budget: 0
AWP Completion Date: 10312007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU2C
Proposed Budget: 0
AWP Completion Date: 04302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	OU2C
Proposed Budget:	0
AWP Completion Date:	05292006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	DES
Activity Name:	DESIGN
AWP Code:	OU2C
Proposed Budget:	0
AWP Completion Date:	07292006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	OU2B

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Proposed Budget: 0
AWP Completion Date: 07292006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU2B
Proposed Budget: 0
AWP Completion Date: 04282006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: OU2BI
Proposed Budget: 0
AWP Completion Date: 06282006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	DES
Activity Name:	DESIGN
AWP Code:	OU2BI
Proposed Budget:	0
AWP Completion Date:	07292006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	OU2A
Proposed Budget:	0
AWP Completion Date:	09302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU2A
Proposed Budget: 0
AWP Completion Date: 06272002
Revised Due Date: Not reported
Comments Date: 06272002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: DEED
Activity Name: DEED RESTRICTIONS
AWP Code: OU1
Proposed Budget: 0
AWP Completion Date: 09302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU1
Proposed Budget: 0
AWP Completion Date: 07312006
Revised Due Date: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	OU1
Proposed Budget:	0
AWP Completion Date:	02262006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU1
Proposed Budget:	0
AWP Completion Date:	06272002
Revised Due Date:	Not reported
Comments Date:	06272002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU316
Proposed Budget: 0
AWP Completion Date: 09262002
Revised Due Date: Not reported
Comments Date: 09262002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU37
Proposed Budget: 0
AWP Completion Date: 07132001
Revised Due Date: Not reported
Comments Date: 07132001
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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EL TORO MCAS (Continued)

S101272791

Activity: FOST
Activity Name: FINDING OF SUITABILITY TO TRANSFER
AWP Code: P5A2
Proposed Budget: 0
AWP Completion Date: 10152001
Revised Due Date: Not reported
Comments Date: 10152001
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: MSTR
Proposed Budget: 0
AWP Completion Date: 04172001
Revised Due Date: Not reported
Comments Date: 04172001
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 3731
Facility ID: 30970003
Activity: FOST
Activity Name: FINDING OF SUITABILITY TO TRANSFER
AWP Code: OU2B
Proposed Budget: 0
AWP Completion Date: 04172001
Revised Due Date: Not reported
Comments Date: 04172001
Est Person-Yrs to complete: 0
Estimated Size: Not reported

Map ID
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MAP FINDINGS

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EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 901
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: AP07
Proposed Budget: 0
AWP Completion Date: 02152000
Revised Due Date: Not reported
Comments Date: 02152000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: AP06
Proposed Budget: 0
AWP Completion Date: 02152000
Revised Due Date: Not reported
Comments Date: 02152000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	AP05
Proposed Budget:	0
AWP Completion Date:	02152000
Revised Due Date:	Not reported
Comments Date:	02152000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	AP04
Proposed Budget:	0
AWP Completion Date:	02152000
Revised Due Date:	Not reported
Comments Date:	02152000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	AP03

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Proposed Budget: 0
AWP Completion Date: 02152000
Revised Due Date: Not reported
Comments Date: 02152000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: AP01
Proposed Budget: 0
AWP Completion Date: 02152000
Revised Due Date: Not reported
Comments Date: 02152000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU311
Proposed Budget: 0
AWP Completion Date: 02152000
Revised Due Date: Not reported
Comments Date: 02152000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

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EL TORO MCAS (Continued)

S101272791

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	SWM46
Proposed Budget:	0
AWP Completion Date:	08101999
Revised Due Date:	Not reported
Comments Date:	08101999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SW131
Proposed Budget:	0
AWP Completion Date:	07261999
Revised Due Date:	Not reported
Comments Date:	07261999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	5
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	REMOVAL OF CONTAMINATED SOIL.
For Commercial Reuse:	0
For Industrial Reuse:	0

Map ID
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MAP FINDINGS

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Database(s)

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EL TORO MCAS (Continued)

S101272791

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU2AS
Proposed Budget: 0
AWP Completion Date: 08132002
Revised Due Date: Not reported
Comments Date: 08132002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: SOIL VAPOR EXTRACTION SYSTEM ADDRESSED THE VADOSE ZONE OF SITE 24 THAT IS APPROXIMATELY 200 ACRES. THE SEV AMOUNT IS 914 SCFM.

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: GOLFC
Proposed Budget: 0
AWP Completion Date: 06111999
Revised Due Date: Not reported
Comments Date: 06111999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: 390AB
Proposed Budget: 0
AWP Completion Date: 06101999

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EL TORO MCAS (Continued)

S101272791

Revised Due Date:	Not reported
Comments Date:	06101999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	OU2AS
Proposed Budget:	0
AWP Completion Date:	06081999
Revised Due Date:	Not reported
Comments Date:	06081999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SWMU7
Proposed Budget:	0
AWP Completion Date:	04081999
Revised Due Date:	Not reported
Comments Date:	04081999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

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MAP FINDINGS

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EL TORO MCAS (Continued)

S101272791

Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	THE TOP 18 INCHES OF SOIL FROM AN AREA 2 1/2 FOOT BY 2 1/2 FOOT AROUND THE CONTAMINATED BORING LOCATION WERE REMOVED. 0.4 CUBIC YARDS OF SOIL.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SW244
Proposed Budget:	0
AWP Completion Date:	04081999
Revised Due Date:	Not reported
Comments Date:	04081999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	4
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	REMOVAL OF CONTAMINATED SOIL FROM THE TOP 48 INCHES OF SOIL FROM AN AREA APPROXIMATELY 6 FEET BY 6 FEET.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	TA765
Proposed Budget:	0
AWP Completion Date:	04131999
Revised Due Date:	Not reported
Comments Date:	04131999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

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EL TORO MCAS (Continued)

S101272791

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TAA77
Proposed Budget: 0
AWP Completion Date: 03181999
Revised Due Date: Not reported
Comments Date: 03181999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: O2B17
Proposed Budget: 0
AWP Completion Date: 08131998
Revised Due Date: Not reported
Comments Date: 08131998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 3500
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: X
Removal Action Certification: N
Activity Comments: 3,500 TONS OF CONCRETE AND SOIL REMOVED, 37 DRUMS REMOVED, 2,350 FEETFENCE INSTALLED.
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: OU2B2
Proposed Budget: 0

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EL TORO MCAS (Continued)

S101272791

AWP Completion Date: 08131998
Revised Due Date: Not reported
Comments Date: 08131998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: X
Removal Action Certification: N
Activity Comments: 3,500 TONS OF CONCRETE AND SOIL REMOVED, 38 DRUMS REMOVED, 2,350 FEETFENCE WAS INSTALLED.
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA314
Proposed Budget: 0
AWP Completion Date: 03161999
Revised Due Date: Not reported
Comments Date: 03161999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: DES
Activity Name: DESIGN
AWP Code: OU2AS
Proposed Budget: 0
AWP Completion Date: 03171999
Revised Due Date: Not reported
Comments Date: 03171999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

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EL TORO MCAS (Continued)

S101272791

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU2C
Proposed Budget:	0
AWP Completion Date:	02262006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU2BI
Proposed Budget:	0
AWP Completion Date:	06282000
Revised Due Date:	Not reported
Comments Date:	06282000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

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Database(s)

EDR ID Number
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EL TORO MCAS (Continued)

S101272791

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU1
Proposed Budget: 0
AWP Completion Date: 04061998
Revised Due Date: Not reported
Comments Date: 04061998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU2AG
Proposed Budget: 0
AWP Completion Date: 04061998
Revised Due Date: Not reported
Comments Date: 04061998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU3A
Proposed Budget: 0
AWP Completion Date: 02091998
Revised Due Date: Not reported

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EL TORO MCAS (Continued)

S101272791

Comments Date: 02091998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: 3AS25
Proposed Budget: 0
AWP Completion Date: 09301997
Revised Due Date: Not reported
Comments Date: 09301997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: LF-5
Proposed Budget: 0
AWP Completion Date: 11041997
Revised Due Date: Not reported
Comments Date: 11041997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported

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EL TORO MCAS (Continued)

S101272791

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	LF-3
Proposed Budget:	0
AWP Completion Date:	10281997
Revised Due Date:	Not reported
Comments Date:	10281997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	LF-17
Proposed Budget:	0
AWP Completion Date:	10231997
Revised Due Date:	Not reported
Comments Date:	10231997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: LF-2
Proposed Budget: 0
AWP Completion Date: 10201997
Revised Due Date: Not reported
Comments Date: 10201997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU2AS
Proposed Budget: 0
AWP Completion Date: 09301997
Revised Due Date: Not reported
Comments Date: 09301997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: STE25
Proposed Budget: 0
AWP Completion Date: 05121997
Revised Due Date: Not reported
Comments Date: 05121997
Est Person-Yrs to complete: 0
Estimated Size: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: SWMUS
Proposed Budget: 0
AWP Completion Date: 07231996
Revised Due Date: Not reported
Comments Date: 07231996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: UNIT2
Proposed Budget: 0
AWP Completion Date: 07221996
Revised Due Date: Not reported
Comments Date: 07221996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	OU2AS
Proposed Budget:	0
AWP Completion Date:	01231997
Revised Due Date:	Not reported
Comments Date:	01231997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	20EE
Proposed Budget:	0
AWP Completion Date:	11121995
Revised Due Date:	Not reported
Comments Date:	11121995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	4EECA

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Proposed Budget: 0
AWP Completion Date: 11171995
Revised Due Date: Not reported
Comments Date: 11171995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: 7EECA
Proposed Budget: 0
AWP Completion Date: 11171995
Revised Due Date: Not reported
Comments Date: 11171995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: 11EE
Proposed Budget: 0
AWP Completion Date: 11171995
Revised Due Date: Not reported
Comments Date: 11171995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

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Database(s)

EDR ID Number
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EL TORO MCAS (Continued)

S101272791

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RIFS
Activity Name:	REMEDIATION INVESTIGATION / FEASIBILITY STUDY
AWP Code:	13EE
Proposed Budget:	0
AWP Completion Date:	11171995
Revised Due Date:	Not reported
Comments Date:	11171995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	RIFS
Activity Name:	REMEDIATION INVESTIGATION / FEASIBILITY STUDY
AWP Code:	14EE
Proposed Budget:	0
AWP Completion Date:	11171995
Revised Due Date:	Not reported
Comments Date:	11171995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: 19EE
Proposed Budget: 0
AWP Completion Date: 11171995
Revised Due Date: Not reported
Comments Date: 11171995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: 20EE
Proposed Budget: 0
AWP Completion Date: 11171995
Revised Due Date: Not reported
Comments Date: 11171995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: BWEBS
Activity Name: BASEWIDE ENVIRONMENTAL BASELINE SURVEY
AWP Code: MCASE
Proposed Budget: 0
AWP Completion Date: 04011995
Revised Due Date: Not reported

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EL TORO MCAS (Continued)

S101272791

Comments Date: 04011995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: CERFA
Activity Name: COMMUNITY ENVIRONMENTAL RESPONSE FACILITATION ACT
AWP Code: 2982A
Proposed Budget: 0
AWP Completion Date: 03241995
Revised Due Date: Not reported
Comments Date: 03241995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: BASWD
Proposed Budget: 0
AWP Completion Date: 05171994
Revised Due Date: Not reported
Comments Date: 05171994
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported

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Database(s)

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EL TORO MCAS (Continued)

S101272791

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06291990
Revised Due Date:	Not reported
Comments Date:	06291990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06261987
Revised Due Date:	Not reported
Comments Date:	06261987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA658
Proposed Budget: 0
AWP Completion Date: 09012004
Revised Due Date: 09302004
Comments Date: 09012004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA779
Proposed Budget: 0
AWP Completion Date: 09072004
Revised Due Date: 09302004
Comments Date: 09072004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA606
Proposed Budget: 0
AWP Completion Date: 09162004
Revised Due Date: 09302004
Comments Date: 09162004
Est Person-Yrs to complete: 0
Estimated Size: Not reported

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Database(s)

EDR ID Number
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EL TORO MCAS (Continued)

S101272791

Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA605
Proposed Budget: 0
AWP Completion Date: 09132004
Revised Due Date: 09302004
Comments Date: 09132004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: FOST
Activity Name: FINDING OF SUITABILITY TO TRANSFER
AWP Code: FOST
Proposed Budget: 0
AWP Completion Date: 08022004
Revised Due Date: Not reported
Comments Date: 10152004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

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Database(s)

EDR ID Number
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EL TORO MCAS (Continued)

S101272791

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	TA31A
Proposed Budget:	0
AWP Completion Date:	07132004
Revised Due Date:	Not reported
Comments Date:	07132004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	TA744
Proposed Budget:	0
AWP Completion Date:	04122004
Revised Due Date:	Not reported
Comments Date:	04122004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	TA461

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EDR ID Number
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EL TORO MCAS (Continued)

S101272791

Proposed Budget: 0
AWP Completion Date: 04122004
Revised Due Date: Not reported
Comments Date: 04122004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: MSCP1
Proposed Budget: 0
AWP Completion Date: 03302004
Revised Due Date: Not reported
Comments Date: 03302004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: OW845
Proposed Budget: 0
AWP Completion Date: 03232004
Revised Due Date: Not reported
Comments Date: 03232004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

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EL TORO MCAS (Continued)

S101272791

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	MSCP2
Proposed Budget:	0
AWP Completion Date:	01022004
Revised Due Date:	Not reported
Comments Date:	01022004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	TA240
Proposed Budget:	0
AWP Completion Date:	12302003
Revised Due Date:	Not reported
Comments Date:	12302003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: T371A
Proposed Budget: 0
AWP Completion Date: 12162003
Revised Due Date: Not reported
Comments Date: 12162003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA772
Proposed Budget: 0
AWP Completion Date: 11072003
Revised Due Date: Not reported
Comments Date: 11072003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA441
Proposed Budget: 0
AWP Completion Date: 10302003
Revised Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 10302003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: TA289
Proposed Budget: 0
AWP Completion Date: 10152003
Revised Due Date: Not reported
Comments Date: 10152003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: T651A
Proposed Budget: 0
AWP Completion Date: 10152003
Revised Due Date: Not reported
Comments Date: 10152003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	TA636
Proposed Budget:	0
AWP Completion Date:	09292003
Revised Due Date:	Not reported
Comments Date:	09292003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	OU316
Proposed Budget:	0
AWP Completion Date:	11302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OU311
Proposed Budget: 0
AWP Completion Date: 12312006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OU38
Proposed Budget: 0
AWP Completion Date: 12312006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OU31
Proposed Budget: 0
AWP Completion Date: 06302008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OU2C
Proposed Budget: 0
AWP Completion Date: 04302008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OU2B
Proposed Budget: 0
AWP Completion Date: 07312005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	OU2A
Proposed Budget:	0
AWP Completion Date:	01312008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	OU1
Proposed Budget:	0
AWP Completion Date:	01312008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30970003
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	FFA

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09271990
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: CERT1
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: 09302004
Comments Date: 08192004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 30970003
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: NOE1
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 07232004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 4,741 ACRE;9MI SE OF SANTA ANA, CA
Alternate City,St,Zip: IRVINE, CA 92709
Alternate Address: 4,741 ACRES; 9MI NE OF NEWPORT BEACH, CA
Alternate City,St,Zip: IRVINE, CA 92709
Alternate Address: 4,741 ACRES;9MI SW OF NEWPORT BEACH, CA
Alternate City,St,Zip: IRVINE, CA 92709
Alternate Address: EL TORO MARINE CORPS AIR STATION
Alternate City,St,Zip: IRVINE, CA 92709
Alternate Address: MARINE CORPS AIR STATION (MCAS)
Alternate City,St,Zip: IRVINE, CA 92709
Alternate Address: SAND CANYON AND IRVINE BOULEVARD
Alternate City,St,Zip: IRVINE, CA 92709
Background Info: Marine Corps Air Station (MCAS) El Toro began operation in 1943 and was closed on July 2, 1999. The station mission involved the operation and maintenance of military aircraft and ground support equipment. MCAS El Toro was added to the National Priority List in 1990 due to a trichloroethene (TCE) plume in regional groundwater extending three miles off-station. A total of 24 Installation Restoration Program sites are grouped into three Operable Units (OUs). OU-1 is the regional groundwater contaminated with volatile organic compounds (VOCs). OU-2 include the VOC source area (soil and shallow groundwater) and the former landfill sites. OU-3 includes sites with potential sources for a variety of contaminants such as VOCs, semivolatile organic compounds (SVOCs), pesticides, herbicides and polychlorinated biphenyls (PCBs). A Federal Facility Agreement (FFA) for the remediation of the station was signed in October 1990 by the U.S. Navy, EPA and the State, represented by DHS (now DTSC) and the RWQCB.
Comments Date: 08102004
Comments: refuse area (approximately 300 x 300 feet) designated as MSC R2at
Comments Date: 08102004
Comments: the southwestern end of IRP Site 5 and the golf course trail.
Comments Date: 10241990
Comments: Federal Facility Agreement (FFA) was signed by Navy, USEPA,
Comments Date: 10241990
Comments: DTSC, and RWQCB. Deadlines established in Appendix A were
Comments Date: 10241990
Comments: as follows: OU 1; draft RI report due 6/15/92, OU 2&3; draft
Comments Date: 10241990
Comments: RI report due 10/15/92, OU 4; draft RI report due 9/15/93
Comments Date: 12302003
Comments: term located southeast of Building240 in the northwest quadrant of
Comments Date: 12302003
Comments: the MCAS El Toro. Based on the results from the site assessment
Comments Date: 12302003
Comments: report, the net carcinogenic risk is less than 1X10-6 for the r

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EL TORO MCAS (Continued)

S101272791

Comments Date: 12302003
Comments: residential uses. Also, the target organ hazard index (HI) using m
Comments Date: 09262002
Comments: icial uses of the shallow groundwater aquifer, and preventing use
Comments Date: 09262002
Comments: of groundwater contaminated with VOCs. During the feasibility s
Comments Date: 09262002
Comments: tudy, a pilot study to evaluate the effectiveness of multi-phase
Comments Date: 09262002
Comments: extraction (MPE) was conducted. Based upon the results of the st
Comments Date: 09262002
Comments: udy, it was determined that although MPE effectively removed cont
Comments Date: 09262002
Comments: aminants from soil, it was ineffective for groundwater extraction
Comments Date: 09262002
Comments: due to the site-specific geology. As a result, based on the site
Comments Date: 09262002
Comments: conditions and results of MPE pilot study, the alternatives cons
Comments Date: 09262002
Comments: idered for groundwater include monitored natural attenuation and
Comments Date: 09262002
Comments: hydraulic containment. Following review of the Focused Feasibilit
Comments Date: 09262002
Comments: y Study Report, DTSC concurs with the findings.
Comments Date: 09282004
Comments: The May 23, 2003 Closure Report for Temporary Accumulation Area (
Comments Date: 09282004
Comments: TAA) 673 summarizes the results of additional soil samples collec
Comments Date: 09282004
Comments: ted at TAA 673 in March 2003. TAA 673 (also referenced as Solid
Comments Date: 09282004
Comments: Waste Management Unit (SWMU) 186 located southeast of Building 67
Comments Date: 09282004
Comments: 3 in the southeast quadrant of the Station) was identified as an
Comments Date: 09282004
Comments: inactive hazardous waste storage area (HWSA) during the developme
Comments Date: 09282004
Comments: nt of the Resource Conservation and Recovery Act Facility Assessm
Comments Date: 09282004
Comments: ent (RFA) prepared for El Toro. The HWSA may have been used for
Comments Date: 09282004
Comments: storage of waste oil, turbine shaft oil, and hydraulic fluid. Th
Comments Date: 09282004
Comments: e unit is described as 12-feet by 12-feet concrete pad, with sump
Comments Date: 09282004
Comments: , metal roof, and berm. Based on agreement reached during a s
Comments Date: 09282004
Comments: ite visit on February 12, 2003, six confirmation samples, includi
Comments Date: 09282004
Comments: ng two duplicates, were collected from two hand auger boring loca
Comments Date: 09282004
Comments: tions at 18 and 36 inches below ground surface. The samples were
Comments Date: 09282004
Comments: analyzed for volatile organic compounds (VOCs), semi-VOCs, total
Comments Date: 09282004
Comments: petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, pestici
Comments Date: 09282004

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: des, and metals. Based on DTSC review of the document, we agree with the Navy's recommended no further action for TAA 673. A
Comments Date: 09282004
Comments: Iso, the unit should be identified as closed and suitable for residential uses in the next Base Realignment Closure Business Plan update. The net carcinogenic risk is less than 10⁻⁶ for residential scenario and the non-cancer hazard index for detected chemicals is less than 1.0 for residential scenario.
Comments Date: 09282004
Comments: PEA - TA636: MCAS El Toro conducted confirmation soil sampling activities at two separate storage areas at Building 636 designated as TAA 636A and 636B. Hazardous waste storage at Building 636 was identified as SWMU 160 in the RFA prepared for MCAS El Toro. The hazardous waste stored included waste oil and absorbent with waste fuel and oil. TAA 636A is described as a canvas sheet draped over a sandbag berm encompassing an 11-foot by 16-foot area and TAA 636B is described as a concrete pad with berm approximately 10-foot by 10-foot. Confirmation soil samples were collected on September 19, 2002 from two locations at TAA 636A and from one location at TAA 636B. The samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides and polychlorinated biphenyls, and metals. Based on the results from the 2002 site assessment, the sampling analytical results were below residential cleanup goals. DTSC concurs with the findings and conclusions of the closure report.
Comments Date: 09292003
Comments: The June 6, 2003 Closure Report for Temporary Accumulation Area (TAA) 698 summarizes the results of additional soil samples collected at TAA 698 in March and April 2003. TAA 698 (also referenced as Solid Waste Management Unit (SWMU) 186 located southeast of Building 698 in the northeast quadrant of the Station) was identified

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 09292004
Comments: ired as an inactive hazardous waste storage area (HWSA) during the
Comments Date: 09292004
Comments: development of the Resource Conservation and Recovery Act Facili
Comments Date: 09292004
Comments: ty Assessment (RFA) prepared for El Toro. The unit is described
Comments Date: 09292004
Comments: as 10-feet by 10-feet concrete pad, with sump, metal roof, and be
Comments Date: 09292004
Comments: rm. Based on agreement reached during a site visit on Februar
Comments Date: 09292004
Comments: y 12, 2003, six confirmation samples were collected from three ha
Comments Date: 09292004
Comments: nd auger boring locations at 18 and 36 inches below ground surfac
Comments Date: 09292004
Comments: e. The samples were analyzed for volatile organic compounds (VOC
Comments Date: 09292004
Comments: s), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TP
Comments Date: 09292004
Comments: H as diesel, pesticides, and metals. Based on the review of
Comments Date: 09292004
Comments: this closure report and supplemental information received on Sept
Comments Date: 09292004
Comments: ember 24, 2004, we agree with the Navy s recommendation of no fur
Comments Date: 09292004
Comments: ther action for TAA 698. Also, the unit should be identified as
Comments Date: 09292004
Comments: closed and suitable for residential uses in the next Base Reali
Comments Date: 09292004
Comments: gnment Closure Business Plan update.
Comments Date: 10011997
Comments: OU2A & OU3A - RAP: The Record of Decision (ROD) documents
Comments Date: 10011997
Comments: the selected remedial action (no action remedy) for Sites 4,
Comments Date: 10011997
Comments: 6, 9, 10, 13, 15, 19, 20, 21, 22 and 25 at MCAS El Toro. The
Comments Date: 10011997
Comments: Navy has determined that the existing condition of the sites
Comments Date: 10011997
Comments: is protective of human health and the environment. No deed
Comments Date: 10011997
Comments: restrictions are required for these sites because of chemi-
Comments Date: 10011997
Comments: cals present in the soil. However, groundwater underlying
Comments Date: 10011997
Comments: Sites 9, 10, 13, 15, 21, 22, and portions of Site 25 are
Comments Date: 10011997
Comments: contaminated with Volatile Organic Compounds(VOC) and do not
Comments Date: 10011997
Comments: originate from these sites but from Site 24 and will be
Comments Date: 10152001
Comments: is currently undergoing a CERCLA remedial investigation. An appr
Comments Date: 10152001
Comments: oximately 3.3-acre area (Subparcel) was determined to be environm
Comments Date: 10152001
Comments: ental condition area type 3. Some dioxins, furans, and explosive
Comments Date: 10152001

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: constituents were detected in soil samples collected from the Su
Comments Date: 10152001
Comments: bparcel; however, concentrations do not require a removal or reme
Comments Date: 10152001
Comments: dial action.
Comments Date: 10152003
Comments: PEA - TA289: MCAS El Toro conducted confirmation soil sampling ac
Comments Date: 10152003
Comments: tivities on October 29, 1999. The closure report summarized the
Comments Date: 10152003
Comments: results of 13 soil samples collected from six locations adjacent
Comments Date: 10152003
Comments: to and within TAA 289. The confirmation soil samples were analyz
Comments Date: 10152003
Comments: ed for volatile organic compounds (VOCs), Semi-VOCs, total petrol
Comments Date: 10152003
Comments: eum (TPH) as gasoline, TPH as diesel, pesticides and polychlorina
Comments Date: 10152003
Comments: ted biphenyls, metals, PH, and cyanide. The TAA 289 was identifi
Comments Date: 10152003
Comments: ed as SWMU 70 in the RFA prepared for MCAS El Toro. The unit may
Comments Date: 10152003
Comments: have been used for the storage of hazardous waste drums containin
Comments Date: 10152003
Comments: g waste oil, JP-5, hydraulic fluid, turbine cleaner, as well as p
Comments Date: 10152003
Comments: roduct drums. TAA 289 is described as a 10-foot by 20-foot concr
Comments Date: 10152003
Comments: ete storage pad with a concrete berm around the perimeter located
Comments Date: 10152003
Comments: east of Building 288 in the northern quadrant of the Station. B
Comments Date: 10152003
Comments: ased on the results from the site assessment report, the sampling
Comments Date: 10152003
Comments: analytical results were below residential cleanup goals. DTSC co
Comments Date: 10152003
Comments: ncurs with the findings and conclusions of the closure report.
Comments Date: 10152003
Comments: PEA - T651A: MCAS El Toro conducted confirmation soil sampling ac
Comments Date: 10152003
Comments: tivities on November 12, 2002. The closure report summarized the
Comments Date: 10152003
Comments: results of two soil samples collected beneath the sump at 18 and
Comments Date: 10152003
Comments: 36 inches below ground surface. The confirmation soil samples we
Comments Date: 10152003
Comments: re analyzed for volatile organic compounds (VOCs), Semi-VOCs, tot
Comments Date: 10152003
Comments: al petroleum (TPH) as gasoline, TPH as diesel, pesticides, and me
Comments Date: 10152003
Comments: tals. The TAA 651A was identified as SWMU 165 in the RFA prepare
Comments Date: 10152003
Comments: d for MCAS El Toro. The storage unit is described as a metal she
Comments Date: 10152003
Comments: d placed on a portland cement concrete loading dock and surrounde
Comments Date: 10152003
Comments: d by concrete berms approximately 6 inches high. The TAA 651A wa

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 10152003
Comments: s located on the southwest side of Building 288 in the northwest
Comments Date: 10152003
Comments: rn quadrant of the Station. Based on the results from the site
Comments Date: 10152003
Comments: assessment report, the sampling analytical results were below resi
Comments Date: 10152003
Comments: dental cleanup goals. DTSC concurs with the findings and conclus
Comments Date: 10152003
Comments: ions of the closure report.
Comments Date: 10222002
Comments: PEA - TA529: The Navy submitted a Revised Closure Report for TAA
Comments Date: 10222002
Comments: 529 on January 5, 2001. The report summarizes the results of fie
Comments Date: 10222002
Comments: ld activities conducted at the site. Field activities conducted
Comments Date: 10222002
Comments: at the site. Field activities conducted at the site included a s
Comments Date: 10222002
Comments: ite inspection, confirmation soil sampling, and waste management.
Comments Date: 10222002
Comments: A total of 11 soil samples were collected from six borings plac
Comments Date: 10222002
Comments: ed in and around the TAA. Samples were collected at 18 and 36 in
Comments Date: 10222002
Comments: ches below ground surface (bgs) from each boring, except for one
Comments Date: 10222002
Comments: boring where a sample was only collected at 18 inch bgs. Pestic
Comments Date: 10222002
Comments: des and metals were detected in some of the soil samples; however
Comments Date: 10222002
Comments: , the screening risk assessment for the residential scenario demo
Comments Date: 10222002
Comments: nstrated that the site-related cancer risk and hazard index are b
Comments Date: 10222002
Comments: elow the respective screening values. DTSC therefore concurs with
Comments Date: 10222002
Comments: the findings and conclusions of the closure report and the site
Comments Date: 10222002
Comments: can be considered closed. PEA - TA626: The Navy submitted a Clo
Comments Date: 10222002
Comments: sure Report for TAA 626 on August 15, 2001. The report summarize
Comments Date: 10222002
Comments: s the results of historical information review and site inspectio
Comments Date: 10222002
Comments: ns. The Draft Final Record of Decision, Operable Units 2A and 3A
Comments Date: 10222002
Comments: , No Action Sites, Marine Corps Air Station, El Toro, California,
Comments Date: 10222002
Comments: dated September 1997 was signed by the Federal Facility Agreemen
Comments Date: 10222002
Comments: t signatories. This ROD included a decision of no action for Ins
Comments Date: 10222002
Comments: tallation Restoration Program Site 20 based on field investigatio
Comments Date: 10222002
Comments: ns, laboratory analyses, and an assessment of potential risk to h
Comments Date: 10222002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: human health. Since TAA 626 is located within the investigation bo
Comments Date: 10222002
Comments: undary of Unit 4 of Installation Restoration Program Site 20, DTS
Comments Date: 10222002
Comments: C concurs with the recommended designation of no further action f
Comments Date: 10222002
Comments: or TAA 626 and the site can be considered closed. PEA - TA778:
Comments Date: 10222002
Comments: The Navy submitted a Closure Report for TAA 778 on March 21, 2001
Comments Date: 10222002
Comments: . The report summarizes the results of field activities conducte
Comments Date: 10222002
Comments: d at the site. Field activities conducted at the site included a
Comments Date: 10222002
Comments: site inspection, confirmation soil sampling, and waste managemen
Comments Date: 10222002
Comments: t. A total of 23 soil samples were collected from six borings pl
Comments Date: 10222002
Comments: aced in and around the TAA. Samples were collected at 18 and 36
Comments Date: 10222002
Comments: inches below ground surface (bgs) from each boring. The total nu
Comments Date: 10222002
Comments: mber of samples includes additional samples collected at the same
Comments Date: 10222002
Comments: locations and depthes since the holding time for analysis of sem
Comments Date: 10222002
Comments: i-volatile organic compounds. Total petroleum hydrocarbons, semi-
Comments Date: 10222002
Comments: volatile organic compounds, pesticides and metals were detected i
Comments Date: 10222002
Comments: n some of the soil samples; however, the screening risk assessmen
Comments Date: 10222002
Comments: t for the residential scenario demonstrated that the site-related
Comments Date: 10222002
Comments: cancer risk and hazard index are below the respective screening
Comments Date: 10222002
Comments: values. DTSC therefore concurs with the findings and conclusions
Comments Date: 10222002
Comments: of the closure report and the site can be considered closed.
Comments Date: 03232004
Comments: e advanced to 30 feet belowground surface at the south side of th
Comments Date: 03232004
Comments: e OWS. Also, in May 2003, two soil soil borings were drilled at
Comments Date: 03232004
Comments: the north side of the unit and a total of 11 soil samples were co
Comments Date: 03232004
Comments: llected. The samples were analyzed for volatile organic compound
Comments Date: 03232004
Comments: s (VOCs), metals, total petroleum (TPH) as gasoline, diesel, and
Comments Date: 03232004
Comments: motor oil fractions. The report recommends no further action for
Comments Date: 03232004
Comments: the OWS 845 with Environmental Condition of Property (ECP) catego
Comments Date: 03232004
Comments: ry 3. Based on the results from the site assessment, the sampli
Comments Date: 03232004
Comments: ng analytical results were below residential cleanup goals. DTSC

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 03232004
Comments: concurs with the findings and conclusions of the report.
Comments Date: 03291999
Comments: RA - SWMU244: The Navy submitted a Closure Report dated October
Comments Date: 03291999
Comments: 26, 1998 for SWMU244. The report summarized the results of field
Comments Date: 03291999
Comments: activities conducted at the site. The objectives of the project
Comments Date: 03291999
Comments: were to conduct field remedial activities including limited
Comments Date: 03291999
Comments: removal of surface soil in the vicinity of the former PCB spill
Comments Date: 03291999
Comments: area as recommended in the final RFA Report; confirmation soil
Comments Date: 03291999
Comments: sampling and analysis of soil samples collected from the
Comments Date: 03291999
Comments: excavated area; and off-site disposal of contaminated soil. The
Comments Date: 03291999
Comments: Navy used both the Superfund Accelerated Cleanup Model (SCAM) and
Comments Date: 03291999
Comments: RCRA Stabilization Initiative programs to take this expedited
Comments Date: 03291999
Comments: action at SWMU 244. The first phase of sampling revealed the
Comments Date: 03291999
Comments: presence of PCB Aroclor 1260 in one of the seven (7) soil samples
Comments Date: 03291999
Comments: taken. The Remedial Action Contractor removed the top 48 inches
Comments Date: 03291999
Comments: of soil from an area approximately 6 feet by 6 feet (4 cubic yard
Comments Date: 03291999
Comments: of potentially PCB-contaminated soil). After the removal, three
Comments Date: 03291999
Comments: confirmation soil samples were obtained. Based on the information
Comments Date: 03291999
Comments: provided in the closure report, DTSC concurs with the findings an
Comments Date: 03291999
Comments: conclusions of the closure report and the site can be considered
Comments Date: 03291999
Comments: closed.
Comments Date: 03302004
Comments: PEA - MSCP1: The closure report summarizes the results of 60 soil
Comments Date: 03302004
Comments: confirmation samples collected from thirteen locations at MSCP 1
Comments Date: 03302004
Comments: , Unit 1 on May 24, 1999, June 3, 1999, and September 21, 2000. T
Comments Date: 03302004
Comments: he samples were analyzed for semi-volatile organic compounds, pes
Comments Date: 03302004
Comments: ticides, and herbicides. MSCP 1, Unit 2 near former Building 493
Comments Date: 03302004
Comments: will be addressed in a separate report. The former pesticide s
Comments Date: 03302004
Comments: torage area MSCP 1 was identified in the 1995 Final Environmental
Comments Date: 03302004
Comments: Baseline Survey (EBS) for MCAS El Toro. The EBS indicated that B
Comments Date: 03302004

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: Building 1687 was in use from 1959 to 1987, when the building was
Comments Date: 03302004
Comments: demolished. MSC P1, Unit 1 area is approximately 80 feet by 80
Comments Date: 03302004
Comments: feet. The unit is located in the southeastern quadrant of the MC
Comments Date: 03302004
Comments: AS El Toro. Based on the results from the site assessment report
Comments Date: 03302004
Comments: t, the net carcinogenic risk is less than 1X10⁻⁶ for the resident
Comments Date: 03302004
Comments: ial uses. Also, the non-cancer hazard index (HI) for detected che
Comments Date: 03302004
Comments: micals is less than 1.0 for residential scenario.
Comments Date: 04091999
Comments: RA - SWMU 7: The Navy submitted a Closure Report dated October
Comments Date: 04091999
Comments: 21, 1998 for SWMU 7. The report summarized the results of field
Comments Date: 04091999
Comments: activities conducted at the site. The initial phase of sampling
Comments Date: 04091999
Comments: revealed the presence of poly-chlorinated biphenyls (PCBs). DTSC
Comments Date: 04091999
Comments: requested additional sampling of the site. A total of 18 soil
Comments Date: 04091999
Comments: samples were collected at the surface, at depths of 2 feet, and
Comments Date: 04091999
Comments: 5 feet below ground surface from six locations. One sampling
Comments Date: 04091999
Comments: location detected concentration of Aroclor 1260 above the
Comments Date: 04091999
Comments: residential PRG. The Navy used both the Superfund Accelerated
Comments Date: 04091999
Comments: Cleanup Model (SCAM) and RCRA Stabilization Initiative programs
Comments Date: 04091999
Comments: to take expedited action at SWMU 7. The remedial Action
Comments Date: 04091999
Comments: Contractor removed the top 18 inches of soil from an area 2 1/2
Comments Date: 04091999
Comments: foot by 2 1/2 foot around the contaminated boring location. Also,
Comments Date: 04091999
Comments: two confirmation soil samples were collected within the soil
Comments Date: 04091999
Comments: removal area. Confirmation sampling analytical results were
Comments Date: 04091999
Comments: below residential cleanup goals. Based on the information
Comments Date: 04091999
Comments: provided in the closure report, SWMU 7 has been adequately
Comments Date: 04091999
Comments: investigated for releases of hazardous wastes and constituents.
Comments Date: 04091999
Comments: DTSC therefore concurs the site can be considered closed.
Comments Date: 04122004
Comments: PEA - TA461: MCAS El Toro conducted confirmation soil sampling ac
Comments Date: 04122004
Comments: tivities on August 27, 2003. The closure report summarizes the r
Comments Date: 04122004
Comments: esults of an additional 6 soil confirmation samples collected fro

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 04122004
Comments: mthree locations at the former Temporary Accumulation Area (TAA)
Comments Date: 04122004
Comments: 461. The samples were analyzed for volatile organic compounds (VO
Comments Date: 04122004
Comments: Cs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel,
Comments Date: 04122004
Comments: pesticides, metals, and pH. The TAA 461 was identified as SWMU
Comments Date: 04122004
Comments: 138 in the RFA prepared for MCAS El Toro. The unit may have been
Comments Date: 04122004
Comments: used for the storage of hazardous waste drums containing hydraul
Comments Date: 04122004
Comments: c fluid, waste oil, absorbent material, and antifreeze. TAA 461
Comments Date: 04122004
Comments: is described as 12-feet by 12-feet concrete storage pad with berm
Comments Date: 04122004
Comments: ,metal roof, ramp and sump, all surrounded by a chain-linked fence
Comments Date: 04122004
Comments: e located east of Building 461 in the southeastern quadrant of the
Comments Date: 04122004
Comments: MCAS El Toro. Based on our review, DTSC agrees with the Navy's
Comments Date: 04122004
Comments: recommendation that this unit should be identified as "closed" a
Comments Date: 04122004
Comments: nd suitable for residential uses in the next Base Realignment Clo
Comments Date: 11212002
Comments: land survey. A total of 18 soil samples were collected from fiv
Comments Date: 11212002
Comments: e borings located within the slurry beds. Samples were collected
Comments Date: 11212002
Comments: at depths ranging from 5 to 20 feet below ground surface (bgs) fr
Comments Date: 11212002
Comments: om each boring. Pesticides and metals above background concentra
Comments Date: 06122005
Comments: source conservation and Recovery Act (RCRA) Facility Assessment (R
Comments Date: 06122005
Comments: RFA). One soil boring was drilled to a depth of 27 feet and samp
Comments Date: 06122005
Comments: les were collected at 5, 10, 15, 20 and 27 feet below ground surfa
Comments Date: 06122005
Comments: ce (bgs). Total petroleum hydrocarbons (TPH) were detected at th
Comments Date: 06122005
Comments: e 15 foot sample, but not at the other depths. Volatile organic
Comments Date: 06122005
Comments: compounds (VOCs) detected were below preliminary remediation goal
Comments Date: 06122005
Comments: s (PRGs). In 1999 OWS 795A/UST 759B tanks were removed and two c
Comments Date: 06122005
Comments: onfirmation samples were taken at approximately 10 feet bgs. The
Comments Date: 06122005
Comments: samples were analyzed for TPH as gasoline, TPH as diesel, benzen
Comments Date: 06122005
Comments: e, toluene, ethylbenzene, xylenes, methyl-tertiary butyl ether (M
Comments Date: 06122005
Comments: TBE), and volatile organic compounds (VOCs). TPH was detected, b
Comments Date: 06122005

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: ut VOCs detected were below preliminary remediation goals (PRGs).
Comments Date: 06122005
Comments: In 2003, five soil samples were taken from a 25 foot soil bo
Comments Date: 06122005
Comments: ring to determine if there is contamination below the previously
Comments Date: 06122005
Comments: investigated depth of 15 feet bgs. The samples were analyzed for
Comments Date: 06122005
Comments: TPH as gasoline, TPH as diesel, and VOCs. The results indicated
Comments Date: 06122005
Comments: that TPH and VOCs were not detected above reporting limits.
Comments Date: 06122005
Comments: Based on DTSC review of the document, we agree with the Navy ?Ts
Comments Date: 06122005
Comments: recommended no further action for OWS 759A/UST 759B. Also, the
Comments Date: 06122005
Comments: unit should be identified as ?oclosed ?? and suitable for reside
Comments Date: 06122005
Comments: ntial uses in the next Base Realignment Closure Business Plan upd
Comments Date: 06122005
Comments: ate.
Comments Date: 06261987
Comments: Site Screening Done: Three onsite landfills. BEP & Calderon Rank
Comments Date: 06261987
Comments: 4 & 10 site. Possible hazardous waste disposal. Mitre Model requi
Comments Date: 06261987
Comments: red.
Comments Date: 06272002
Comments: RAP - OU1 and OU2A: The Department of the Navy prepared the Final
Comments Date: 06272002
Comments: Record of Decision, Operable Unit 1, Sites 18 - Regional Volatil
Comments Date: 06272002
Comments: e Organic Compound Groundwater Plume and Operable Unit 2A, Site 2
Comments Date: 06272002
Comments: 4- VOC Source Area, Former Marine Corps Air Station El Toro, Cali
Comments Date: 06272002
Comments: fornia, dated June 2002 (ROD). The ROD presents the selected rem
Comments Date: 06272002
Comments: edial action for groundwater contaminated with volatile organic c
Comments Date: 06272002
Comments: ompounds (VOCs) at two related sites, Operable Unit(OU)1 - Site 1
Comments Date: 06272002
Comments: 8 and OU2A - Site 24. The ROD addresses groundwater at Site 18 a
Comments Date: 06272002
Comments: nd 24 together because VOCs in the regional goundwater (Site 18)
Comments Date: 06272002
Comments: and in the shallow groundwater (Site 24) originated from a releas
Comments Date: 06272002
Comments: e to surface or subsurface soils at Site 24. The remedy includes
Comments Date: 06272002
Comments: groundwater extraction, performance monitoring during the remedia
Comments Date: 06272002
Comments: l action, treatment of VOC-contaminated ground- water using air s
Comments Date: 06272002
Comments: tripping and treatment of VOC vapors with activated carbon at the
Comments Date: 06272002
Comments: Irvin Desalter Plant, confirmatory groundwater sampling at the e

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 06272002
Comments: nd of remediation, and institutional controls to prevent use of c
Comments Date: 06272002
Comments: ontaminated groundwater, protect equipment and allow access for t
Comments Date: 06272002
Comments: he Department of the Navy, United Staes Environmental Protection
Comments Date: 06272002
Comments: Agency, Department of Toxic Substances Control and the California
Comments Date: 06272002
Comments: Regional Water Quality Control Board.
Comments Date: 06282000
Comments: RAP - OU2B (Sites 2 and 17): The Interim Record of Decision (ROD)
Comments Date: 06282000
Comments: for OU-2B, Sites 2 and 17 waw issued on April 14, 2000 and signe
Comments Date: 06282000
Comments: d by DTSC on June 27, 2000. The ROD documents the selected remedi
Comments Date: 06282000
Comments: al action for each landfill. The selected remedy for Sites 2 and
Comments Date: 06282000
Comments: 17 is based on the EPA presumptive remedy for municipal and milit
Comments Date: 06282000
Comments: ary landfills and includes the following components:(1) a minimum
Comments Date: 06282000
Comments: 4-foot monolithic soil cap; (2) on-site waste consolidation prio
Comments Date: 06282000
Comments: r to capping; (3) erosion control; (4) access restrictions; (5) l
Comments Date: 06282000
Comments: and-use restric- tions to protect the landfill cap, restrict irri
Comments Date: 06282000
Comments: gation, prevent use of groundwater at Site 2, assure that contact
Comments Date: 06282000
Comments: with landfill materials does not occur, and allow access for con
Comments Date: 06282000
Comments: ducting or overseeing monitoring and maintenance; (6) natural res
Comments Date: 06282000
Comments: ource/ habitat mitigation measures; (7) monitoring of soil gas an
Comments Date: 06282000
Comments: d leachate; (8) groundwater monitoring; (9) inspection and mainte
Comments Date: 06282000
Comments: nance access; and (10) five-year reviews to verify that the actio
Comments Date: 06282000
Comments: n remains protective of human health and the environment. This In
Comments Date: 06282000
Comments: terim ROD allows commencement of remedial design of the landfill
Comments Date: 06282000
Comments: caps; however, remedial action (construction) will not begin unti
Comments Date: 06282000
Comments: l radiological survey/sampling is complete. Additionally, this In
Comments Date: 06282000
Comments: terim ROD does not address groundwater contamination at Site 2. T
Comments Date: 06282000
Comments: his will be addressed in the Final ROD.
Comments Date: 06301989
Comments: Removal Action: Groundwater extraction/treatment.
Comments Date: 07132001
Comments: nt of potential human-health risks at each location. The remedial
Comments Date: 07132001

MAP FINDINGS

EL TORO MCAS (Continued)

S101272791

Comments: investigation showed that site-related contamination is limited
 Comments Date: 07132001
 Comments: to the shallow soil interval (0 to 10 feet below ground surface).
 Comments Date: 07132001
 Comments: The human-health risk assessment shows that the contaminants de
 Comments Date: 07132001
 Comments: tected in soil do not present an unacceptable risk to human health
 Comments Date: 07132001
 Comments: h. Although shallow groundwater underlying these sites is contami
 Comments Date: 07132001
 Comments: nated by volatile organic compounds, remedial investigations have
 Comments Date: 07132001
 Comments: shown that the groundwater contamination does not originate from
 Comments Date: 07132001
 Comments: Sites 7 or 14. Groundwater cleanup, including use restrictions t
 Comments Date: 07132001
 Comments: hat prohibit drilling of wells and /or extraction of groundwater
 Comments Date: 07132001
 Comments: and allow access for monitoring and maintenance of equipment ass
 Comments Date: 07132001
 Comments: ociated with groundwater remediation, will be addressed in the Pr
 Comments Date: 07132001
 Comments: oposed Plan and ROD for Sites 18 and 24.
 Comments Date: 07132001
 Comments: RAP - OU37 (OU-3, Site 7 and 14): The ROD for OU-3, Site 7 and 14
 Comments Date: 04122004
 Comments: s collected from four locations at the former Temporary Accumulat
 Comments Date: 04122004
 Comments: ion Area (TAA) 744. The samplewere analyzed for volatile organic
 Comments Date: 04122004
 Comments: compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, T
 Comments Date: 04122004
 Comments: PH asdiesel, pesticides,metals, and pH. The TAA 744 may have be
 Comments Date: 04122004
 Comments: en used for the storage of hazardous waste drums containing solve
 Comments Date: 04122004
 Comments: nts, hydraulic fluid, waste oil, absorbent material, and oily rag
 Comments Date: 04122004
 Comments: s. TAA 744 is described as 12-feetby 20-feet concrete storage pad
 Comments Date: 04122004
 Comments: with berms, and ramp dividedinto two sections by a berm with a s
 Comments Date: 04122004
 Comments: ump on both sides of the berm located north of Building 744 in th
 Comments Date: 04122004
 Comments: e northwestern quadrant of the MCAS El Toro. Based on our revie
 Comments Date: 04122004
 Comments: w, DTSC agrees with the Navy's recommendation that this unit shou
 Comments Date: 04122004
 Comments: ld be identified as "closed" and suitable for residential uses in
 Comments Date: 04122004
 Comments: the next Base Realignment Closure Business Plan update.
 Comments Date: 04172001
 Comments: FOST - OU2B (Site 2 and 17): The Department of the Navy prepared
 Comments Date: 04172001
 Comments: a Federal Agency-to-Agency Property Transfer Environmental Summar
 Comments Date: 04172001
 Comments: y Document for Parcel 5a1 to be transferred to the FAA. The envir

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 04172001
Comments: onmental condition of Parcel 5a1 is area type 1 with the exceptio
Comments Date: 04172001
Comments: n of the following: Sites 2 and 17 (type 5), UST 568(type2), UST
Comments Date: 04172001
Comments: s 9001 and 9002 (type 4), APHO 44 (type 7), OWS 806 (type 4), and
Comments Date: 04172001
Comments: Pistol Range (type 7). Although the property contains some leve
Comments Date: 04172001
Comments: l of contamination by hazardous substances or petroleum products,
Comments Date: 04172001
Comments: it is environmentally suitable for transfer to another federal a
Comments Date: 04172001
Comments: gency for the proposed use (as a habitat area), with acceptable r
Comments Date: 04172001
Comments: isk to human health and the environment. The transfer is subject
Comments Date: 04172001
Comments: to restrictions identified in the FOST. Additionally, a memoran-
Comments Date: 04172001
Comments: dum of agreement between the FAA and United States Fish and Wild
Comments Date: 04172001
Comments: life Service ensures that FAA will manage property consistent wit
Comments Date: 04172001
Comments: h its value to endemic wildlife species. FOSL - MSTR:The Depart
Comments Date: 04172001
Comments: ment of the Navy prepared a FOSL to support a master lease with t
Comments Date: 04172001
Comments: he Local Redevelopment Authority (LRA). The entire Station (fence
Comments Date: 04172001
Comments: line-to-fenceline), consisting of approximately 3,731 acres, will
Comments Date: 04172001
Comments: be lease to the LRA. This includes Parcels 2a,2b, 6d, 8, 9b, 10
Comments Date: 04172001
Comments: a, 10b, 11a, 11b, 12h, 12i, 12j, 13f and 16. Parcels 5a, 13e, an
Comments Date: 04172001
Comments: d a portion of 12b are specifically excluded from the lease. The
Comments Date: 04172001
Comments: Station includes administrative, recreational, housing, automotiv
Comments Date: 04172001
Comments: e maintenance, public works, airfield, warehouse, and utility sys
Comments Date: 04172001
Comments: tem facilities. The FOSL documents that the Station can be lease
Comments Date: 04172001
Comments: d to Orange County for use or sublease in a manner protective of
Comments Date: 04172001
Comments: human health and the environment subject to the retrictions ident
Comments Date: 04172001
Comments: ified. Facilities with restrictions will not be included in the
Comments Date: 04172001
Comments: lease, however, they will be maintained by the LRA in a layaway s
Comments Date: 04172001
Comments: tatus whereby they are secured from access. These facilities may
Comments Date: 04172001
Comments: be added to the lease for use once the restrictions are lifted vi
Comments Date: 04172001
Comments: a the execution of a Lease Restriction Revision Form, indicating
Comments Date: 04172001

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: that the property is environmentally suitable for lease.
Comments Date: 04201998
Comments: RIFS-OU1(SITE 18): To date, six rounds of groundwater sampling
Comments Date: 04201998
Comments: have taken place from some of the 121 multi-ports or cluster well
Comments Date: 04201998
Comments: s. Additionally, off-Station data collected by Orange County Water
Comments Date: 04201998
Comments: r District, Irvine Ranch Water District, and the Irvine Company were
Comments Date: 04201998
Comments: ere used to determine the nature and extent of groundwater contamination.
Comments Date: 04201998
Comments: The primary contaminants found groundwater beneath the
Comments Date: 04201998
Comments: Station are VOCs. The width of the TCE plume is approximately 1/
Comments Date: 04201998
Comments: 2 miles; the plume extends approximately 3 miles west of the Station.
Comments Date: 04201998
Comments: The highest TCE concentration detected in the principal aquifer
Comments Date: 04201998
Comments: is 34 ug/L. The Feasibility Study (FS) was conducted to identify
Comments Date: 04201998
Comments: and evaluate potential remedial action alternatives for the site.
Comments Date: 04201998
Comments: 15 remedial action alternatives were evaluated in the FS.
Comments Date: 04201998
Comments: RIFS-OU2AG: Soil, soil gas and groundwater samples were collected
Comments Date: 04201998
Comments: at the site. The maximum reported concentration in groundwater is
Comments Date: 04201998
Comments: s 3,100 ug/L. The mass of TCE beneath Site 24 is estimated to be
Comments Date: 04201998
Comments: approximately 2,000 pounds.
Comments Date: 04201999
Comments: PEA - TAA765: The Navy submitted a Closure Report dated July 21,
Comments Date: 04201999
Comments: 1998 for TAA 765. The report summarized the results of field activities
Comments Date: 04201999
Comments: conducted at the site. Field activities conducted at the
Comments Date: 04201999
Comments: site include a site inspection, a geophysical survey, site decontamination,
Comments Date: 04201999
Comments: confirmation soil sampling, rinsate sampling, and waste management.
Comments Date: 04201999
Comments: A total of 10 soil samples were collected at two
Comments Date: 04201999
Comments: depths; 18 inches and 36 inches below ground surface from five locations.
Comments Date: 04201999
Comments: Equipment rinsate, duplicate sampling, trip blank, lab duplicate,
Comments Date: 04201999
Comments: lab matrix spike/spike duplicate samples were also collected.
Comments Date: 04201999
Comments: The Navy used both the Superfund Accelerated Cleanup Model
Comments Date: 04201999
Comments: (SCAM) and RCRA Stabilization Initiative programs to take expedited
Comments Date: 04201999
Comments: action at TAA 765. Based on the information provided in the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 04201999
Comments: closure report, TAA 765 has been adequately investigated for rele
Comments Date: 04201999
Comments: ases of hazardous wastes and constituents. The site-related res
Comments Date: 04201999
Comments: idential cancer risk and non cancer hazard indexes are within the
Comments Date: 04201999
Comments: acceptable ranges. DTSC therefore concurs with the findings and
Comments Date: 04201999
Comments: conclusions of the closure report and the site can be considered
Comments Date: 04201999
Comments: closed.
Comments Date: 05022005
Comments: The December 19, 2003 Summary Report for Aerial Photograph Anomal
Comments Date: 05022005
Comments: s for Marine Corps Air Station El Toro. OWS was used to treat di
Comments Date: 05022005
Comments: scharge water from the lined impoundments before discharge into t
Comments Date: 05022005
Comments: he sanitary sewer system. Two grab samples were taken from i
Comments Date: 05022005
Comments: nside the OWS and analyzed for volatile organic compounds (VOCs),
Comments Date: 05022005
Comments: total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, m
Comments Date: 05022005
Comments: etals, pH, and ignitibility. Results of the analysis indicated t
Comments Date: 05022005
Comments: hat the grab samples were non-hazardous water. A total of 34 soi
Comments Date: 05022005
Comments: l samples including two surface soil samples were taken from twel
Comments Date: 05022005
Comments: ve locations. These samples were analyzed for volatile organic co
Comments Date: 05022005
Comments: mpounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as
Comments Date: 05022005
Comments: gasoline, TPH as diesel, and metals. Twenty one soil vapor sampl
Comments Date: 05022005
Comments: es were analyzed for VOCs. The results from the site assessment
Comments Date: 05022005
Comments: report shows the net carcinogenic risk is less than 1X10-6 for th
Comments Date: 05022005
Comments: e residential uses. The geophysical survey indicated that no mate
Comments Date: 05022005
Comments: rial was buried beneath the concrete impoundments. The report re
Comments Date: 05022005
Comments: commends a no further action status for OWS 832.
Comments Date: 05022005
Comments: MCAS El Toro submitted the December 19, 2003 Aerial Photograph An
Comments Date: 05022005
Comments: omaly (APHO) 38 to comply with a Resource Conservation and Recove
Comments Date: 05022005
Comments: ry Act (RCRA) Facility Assessment (RFA) Corrective Action require
Comments Date: 05022005
Comments: ments for Marine Corps Air Station El Toro. APHO 38 was used for
Comments Date: 05022005
Comments: training on decontamination of motor vehicles. The liquid waste
Comments Date: 05022005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: s were discharged to large shotcrete and concrete lined impoundme
Comments Date: 05022005
Comments: nts and eventually discharged to the sanitary sewer system.
Comments Date: 05022005
Comments: A total of 34 soil samples including two surface soil samples wer
Comments Date: 05022005
Comments: e taken from twelve locations. These samples were analyzed for vo
Comments Date: 05022005
Comments: latile organic compounds (VOCs), semi-VOCs, total petroleum hydro
Comments Date: 05022005
Comments: carbons (TPH) as gasoline, TPH as diesel, and metals. Twenty one
Comments Date: 05022005
Comments: soil vapor samples were analyzed for VOCs. The results from the
Comments Date: 05022005
Comments: site assessment report shows the net carcinogenic risk is less t
Comments Date: 05022005
Comments: han 1X10-6 for the residential uses. The geophysical survey indi
Comments Date: 05022005
Comments: cated that no material was buried beneath the concrete impoundmen
Comments Date: 05022005
Comments: ts. The report recommends a no further action status for APHO 38
Comments Date: 05022005
Comments: . Based on the results of the geophysical, soil, and soil ga
Comments Date: 05022005
Comments: s surveys, DTSC concurs with the no further action status designa
Comments Date: 05022005
Comments: tion for APHO 38 pending regulatory concurrence with the results
Comments Date: 05022005
Comments: and conclusions of the radiological assessment and recommendation
Comments Date: 05022005
Comments: for unrestricted radiological release.
Comments Date: 05191997
Comments: RIFS for OU2A, Site25 - The scope of the Site 25 investiga- tion
Comments Date: 05191997
Comments: included sampling and analyzing 94 soil samples, 68 soil gas samp
Comments Date: 05191997
Comments: les, 31 sediment samples, and 49 surface water samples. Investiga
Comments Date: 05191997
Comments: tion data demonstrated that Site 24 and not Site 25 is responsibl
Comments Date: 05191997
Comments: e for the VOC groundwater contamina- tion.
Comments Date: 05201994
Comments: PEA - BASWD -- DTSC approved the Basewide Preliminary
Comments Date: 05201994
Comments: Endangerment Assessment on May 17, 1994. Approximate
Comments Date: 05201994
Comments: cost = unknown; funding = DSMOA.
Comments Date: 06011992
Comments: Dispute resolved with modification to deadlines as follows:
Comments Date: 06011992
Comments: OU 1; draft RI report due 12/30/93, OUs 2&3; RI report due
Comments Date: 06011992
Comments: 1/2/95, OU 4; draft RI/FS workplan due 8/18/93; other FFA
Comments Date: 06011992
Comments: milestones established after RFA report approved.
Comments Date: 06091999
Comments: OM - OU2AS (SITE24): The Operation and Maintenance Manual (O&M) d

MAP FINDINGS

EL TORO MCAS (Continued)

S101272791

Comments Date: 06091999
Comments: describes the operation and maintenance procedures for the in situ
Comments Date: 06091999
Comments: SVE system demonstration at Site 24. The manual contains several
Comments Date: 06091999
Comments: detailed sections that provide information on the overall capabilities
Comments Date: 06091999
Comments: of the SVE system, equipment description and specifications,
Comments Date: 06091999
Comments: process control, operation and maintenance duties and procedures,
Comments Date: 06091999
Comments: requirements to start and operate the system, repair requirements, instructions
Comments Date: 06091999
Comments: necessary to check-out, troubleshoot, repair, and replace
Comments Date: 06091999
Comments: the components of the system, including electrical and mechanical schematics.
Comments Date: 06101999
Comments: PEA - 390AB (TAA390A & 390B): The Navy submitted a Closure Report
Comments Date: 06101999
Comments: dated May 4, 1999 for TAA 390A and 390B. The report summarized
Comments Date: 06101999
Comments: the results of field activities conducted at the sites. Field activities
Comments Date: 06101999
Comments: conducted at the sites included site inspections, a geophysical
Comments Date: 06101999
Comments: surveys, site decontamination, confirmation soil sampling, rinseate
Comments Date: 06101999
Comments: sampling, and waste management. A total of 4 soil samples
Comments Date: 06101999
Comments: were collected at two depths; 18 inches & 36 inches below ground
Comments Date: 06101999
Comments: surface from 2 locations at TAA 390A. Also, total of 18 soil
Comments Date: 06101999
Comments: samples were collected at two depths below ground surface from 9
Comments Date: 06101999
Comments: locations at TAA 390B. Equipment rinseate, lab duplicate sampling,
Comments Date: 06101999
Comments: trip blank, lab duplicate, lab matrix spike/ spike duplicate samples
Comments Date: 06101999
Comments: were also collected. Based on the information provided in the
Comments Date: 06101999
Comments: closure report, TAAs 390A and 390B have been adequately investigated
Comments Date: 06101999
Comments: for releases of hazardous wastes and constituents. The site-related
Comments Date: 06101999
Comments: residential cancer risk and non cancer hazard indexes are within the
Comments Date: 06101999
Comments: acceptable ranges. DTSC therefore concurs with the findings and
Comments Date: 06122005
Comments: conclusions of the closure report.
Comments Date: 06122005
Comments: The February 3, 2005 closure report summarizes the results of additional
Comments Date: 06122005
Comments: soil samples collected in 2003. OWS 759A/UST 759B is located
Comments Date: 06122005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: ated in the south central portion of the facility, north of S. Ma
Comments Date: 06122005
Comments: rine Way. OWS 759A and UST 759B received water from a wash rack
Comments Date: 06122005
Comments: at Building 655. Oil from the OWS was stored in the UST for disp
Comments Date: 10241997
Comments: RIFS - LF-2(OU2B): The landfill has been inactive for many
Comments Date: 10241997
Comments: years. The site investigation included air, soil gas,
Comments Date: 10241997
Comments: soil, surface water, and groundwater sampling. Air
Comments Date: 10241997
Comments: sampling showed that volatile organic compounds and
Comments Date: 10241997
Comments: methane gas are present at low levels over the landfill.
Comments Date: 10241997
Comments: No significant localized sources of landfill waste gases
Comments Date: 10241997
Comments: were found. Metals, VOCs, SVOCs, PCBs, and herbicides
Comments Date: 10241997
Comments: were detected in the shallow soil samples, sediment
Comments Date: 10241997
Comments: samples, and surface water samples. Two small TCE and
Comments Date: 10241997
Comments: PCE plumes were found beneath the landfill. Also, metals
Comments Date: 10241997
Comments: were detected in grounwater samples beneath the landfill.
Comments Date: 10241997
Comments: The Feasibility Study was conducted to identify and
Comments Date: 10241997
Comments: evaluate potential remedial action alternatives for the
Comments Date: 10241997
Comments: site. Site 2 is one of two sites in Operable Unit 2B for
Comments Date: 10241997
Comments: the MCAS EL Toro.
Comments Date: 10241997
Comments: Not reported
Comments Date: 10241997
Comments: RIFS - LF-17(OU2B): The landfill has been inactive for many
Comments Date: 10241997
Comments: years. The site investigation included air, soil gas,
Comments Date: 10241997
Comments: soil, and groundwater sampling. Air sampling showed
Comments Date: 10241997
Comments: that VOC's and methane are present at low levels over
Comments Date: 10241997
Comments: the landfill. No significant localized sources of
Comments Date: 10241997
Comments: landfill waste gases were found. Metals, VOCs, SVOCs,
Comments Date: 10241997
Comments: and petroleum hydrocarbons were detected in the shallow
Comments Date: 10241997
Comments: soil and groundwater samples.
Comments Date: 10241997
Comments: The Feasibility Study was conducted to identify and
Comments Date: 10241997
Comments: evaluate potential remedial action alternatives for the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 10241997
Comments: site. Site 17 is one of two sites in Operable Unit 2B for
Comments Date: 10241997
Comments: the MCAS EL Toro.
Comments Date: 10302003
Comments: PEA - TA441: MCAS El Toro conducted confirmation soil sampling ac
Comments Date: 10302003
Comments: tivities on November 11, 1999. The closure report summarized the
Comments Date: 10302003
Comments: results of 13 soil samples collected from six locations adjacent
Comments Date: 10302003
Comments: to and within TAA 441. The confirmation soil samples were analy
Comments Date: 10302003
Comments: zed for volatile organic compounds (VOCs), Semi-VOCs, total petro
Comments Date: 10302003
Comments: leum (TPH) as gasoline, TPH as diesel, pesticides and polychlorin
Comments Date: 10302003
Comments: ated biphenyls, metals, pH, and cyanide. The TAA 441 was indenti
Comments Date: 10302003
Comments: fied as SWMU 256 in the RFA prepared for MCAS El Toro. The unit m
Comments Date: 10302003
Comments: ay have been used for the storage of hazardous waste oil and abso
Comments Date: 10302003
Comments: rgent material. TAA 441 is described as a 10-foot by 30-foot con
Comments Date: 10302003
Comments: crete storage pad with a concrete berm around the perimeter locate
Comments Date: 10302003
Comments: d north of Building 441 in the southeast quadrant of the station.
Comments Date: 10302003
Comments: Based on the results from the site assessment report, the samp
Comments Date: 10302003
Comments: ling analytical results were below residential cleanup goals. DTS
Comments Date: 10302003
Comments: C concurs with the no further action findings and conclusions of
Comments Date: 10302003
Comments: the closure report.
Comments Date: 11071997
Comments: RIFS - LF-3(OU2C): The landfill has been inactive for many
Comments Date: 11071997
Comments: years. The site investigation included air, soil gas, soil,
Comments Date: 11071997
Comments: surface water, sediment, and groundwater sampling. Air
Comments Date: 11071997
Comments: sampling showed that VOCs and methane are present at low
Comments Date: 11071997
Comments: levels over the landfill. No significant localized sources
Comments Date: 11071997
Comments: of landfill waste gases were found. Metals, VOCs, and
Comments Date: 11071997
Comments: petroleum hydrocarbons were detected in the shallow soil,
Comments Date: 11071997
Comments: surface water, sediment, and groundwater samples.
Comments Date: 11071997
Comments: The Feasibility Study was conducted to identify and evaluate
Comments Date: 11071997
Comments: potential remedial action alternatives for the site. Site 3
Comments Date: 11071997

MAP FINDINGS

EL TORO MCAS (Continued)

S101272791

Comments: is one of two sites in Operable Unit 2C for the MCAS El Toro.
Comments Date: 11072003
Comments: PEA - TA772: MCAS El Toro conducted confirmation soil sampling ac
Comments Date: 11072003
Comments: tivities in October 1997, January 2001, and March 2003. The clos
Comments Date: 11072003
Comments: ure report summarizes the results of soil samples collected from
Comments Date: 11072003
Comments: 1.5 and 3 feet below ground surface and the samples were analyzed
Comments Date: 11072003
Comments: for volatile organic compounds (VOCs), Semi-VOCs, total petroleu
Comments Date: 11072003
Comments: m (TPH) as diesel, pesticides, PCB's, total cyanide, and metals.T
Comments Date: 11072003
Comments: he former storage unit consists of approximately 12- feet by 17-f
Comments Date: 11072003
Comments: eet concrete pad and berm, an aluminum roof, and a chain-link fen
Comments Date: 11072003
Comments: ce on all sides. The unit was located in the southeastern quadra
Comments Date: 11072003
Comments: nt of the station approximately 100 feet south of DRMO yard numbe
Comments Date: 11072003
Comments: r 3. Based on our review, we agree with the Navy's recommendati
Comments Date: 11072003
Comments: on that the unit should be identified as "closed" in the next Bas
Comments Date: 11072003
Comments: e Realignment Closure Business Plan update. The net carcinogenic
Comments Date: 11072003
Comments: risk is less than 10-6 for residential scenario. Also, the targe
Comments Date: 11072003
Comments: t organ evaluation resulted in a non-cancer hazard index for each
Comments Date: 11072003
Comments: of the target organs of less than 1.0.
Comments Date: 11131997
Comments: RIFS - LF-5: The landfill has been inactive for many years.
Comments Date: 11131997
Comments: The site investigation included air, soil gas, soil, and
Comments Date: 11131997
Comments: groundwater sampling. Air sampling showed that VOCs and
Comments Date: 11131997
Comments: methane are present at low levels over the landfill. No
Comments Date: 11131997
Comments: significant localized sources of landfill waste gases were
Comments Date: 11131997
Comments: found. Metals, VOCs, SVOCs, and petroleum hydrocarbons
Comments Date: 11131997
Comments: were detected in the shallow soil and groundwater samples.
Comments Date: 11131997
Comments: The Feasibility Study was conducted to identify and evaluate
Comments Date: 11131997
Comments: potential remedial action alternatives for the site. Site 5
Comments Date: 11131997
Comments: is one of two sites in Operable Unit 2C for the MCAS El Toro.
Comments Date: 11212002
Comments: PEA - APHO6: The Navy submitted a Summary Report for APHO 6 on Ma
Comments Date: 11212002
Comments: rch 19, 2002. The report summarizes the results of field activit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 11212002
Comments: ies conducted at the site. Field activities conducted at the sit
Comments Date: 11212002
Comments: e included a geophysical survey, verification soil sampling and a
Comments Date: 12302003
Comments: aximum values was less than 1.0 for all target organs with the ex
Comments Date: 12302003
Comments: cepton of iron overload. Using maximum concentrations, the iron
Comments Date: 12302003
Comments: overload resulted in an HI of 1.7, however; iron is considered a n
Comments Date: 12302003
Comments: ecessary nutrient and does not a risk at this site.
Comments Date: 11212002
Comments: tions were detected in some of the soil samples. However, the sc
Comments Date: 11212002
Comments: reening risk assessment for the residential scenario demonstrate
Comments Date: 11212002
Comments: d that the site-related cancer risk and hazard index are below th
Comments Date: 11212002
Comments: e respective screening values. DTSC therefore concurs with the re
Comments Date: 11212002
Comments: commendation for no further action for APHO 6. PEA - T359B: The
Comments Date: 11212002
Comments: Navy submitted a Closure Report for TAA 359B on March 19, 2002.
Comments Date: 11212002
Comments: The report summarizes the results of confirmation soil sampling,
Comments Date: 11212002
Comments: A total of 10 soil samples were collected from five borings place
Comments Date: 11212002
Comments: d in and around the TAA. Samples were collected at 18 and 36 inch
Comments Date: 11212002
Comments: es below ground surface (bgs) from each boring. Total petroleum h
Comments Date: 11212002
Comments: ydrocarbons and various metals above background concentrations we
Comments Date: 11212002
Comments: re detected. However, the screening risk assessment for the resi
Comments Date: 11212002
Comments: dential scenario demonstrated that the site-related cancer risk a
Comments Date: 11212002
Comments: nd hazard index are below the respective screening values. Addit
Comments Date: 11212002
Comments: ionally, lead concentrations detected above background were evalu
Comments Date: 11212002
Comments: ated using LeadSpread. Based on the results of the screening ris
Comments Date: 11212002
Comments: k assessment and lead evaluation, DTSC concurs with the findings
Comments Date: 11212002
Comments: and conclusions of the closure report and approves closure of TAA
Comments Date: 11212002
Comments: 359B.
Comments Date: 12102004
Comments: The January 12, 2004 Closure Report submittal for former Temporar
Comments Date: 12102004
Comments: y Accumulation Area (TAA) 130A & 130B summarizes the results of s
Comments Date: 12102004
Comments: oil vapor sampling and confirmation soil sampling collected in Ma
Comments Date: 12102004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: y and July 2003 at the former TAA 130A & 130B. A total of 14 vap
Comments Date: 12102004
Comments: or samples and 12 confirmation soil samples were collected from t
Comments Date: 12102004
Comments: hree locations within TAA 130A & 130 B. The soil samples were an
Comments Date: 12102004
Comments: alyzed for volatile organic compounds (VOCs), semi- volatile orga
Comments Date: 12102004
Comments: nic compounds (VOCs), Selected Ion Monitoring (SIM) by SVOCs for
Comments Date: 12102004
Comments: selected analytics, total petroleum hydrocarbons (TPH) as gasolin
Comments Date: 12102004
Comments: e, TPH as diesel, pesticides, and metals. TAA 130A &130B (al
Comments Date: 12102004
Comments: so referenced as Solid Waste Management Unit (SWMU) 294 and SWMU
Comments Date: 12102004
Comments: 295, respectively) were identified as a temporary Drum Storage Ar
Comments Date: 12102004
Comments: ea (DSA) near Building 130 during the development of the Resource
Comments Date: 12102004
Comments: Conservation and Recovery Act Facility Assessment (RFA) prepared
Comments Date: 12102004
Comments: for El Toro. The DSA may have been used for storage of paint, t
Comments Date: 12102004
Comments: oluene, xylene, chromium, lead, and cadmium. Former TAA 130A &
Comments Date: 12102004
Comments: 130B is described as an unbermed concrete paved area approximatel
Comments Date: 12102004
Comments: y 10 feet long by 20 feet wide located 40 feet west of Building 1
Comments Date: 12102004
Comments: 30 in the northeast quadrant of the Station. Based on the rev
Comments Date: 12102004
Comments: iew of this closure report, we agree with the Navy's recommendati
Comments Date: 12102004
Comments: on of no further action for TAA 130A & 130B. Also, the unit shou
Comments Date: 12102004
Comments: ld be identified as closed and suitable for residential uses in t
Comments Date: 12102004
Comments: he next Base Realignment Closure Business Plan update. A copy of
Comments Date: 12102004
Comments: the approval letter is attached.
Comments Date: 12162003
Comments: PEA - T371A: MCAS El Toro conducted confirmation soil sampling ac
Comments Date: 12162003
Comments: tivities on August 27, 2003. The closure report summarized the r
Comments Date: 12162003
Comments: esults of 8 additional soil samples collected from 4 locations at
Comments Date: 12162003
Comments: TAA 371A. The confirmation soil samples were analyzed for volat
Comments Date: 12162003
Comments: ile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as
Comments Date: 12162003
Comments: gasoline, TPH as diesel, pesticides and polychlorinated biphenyl
Comments Date: 12162003
Comments: s, metals, and pH. The TAA 371A was identified as SWMU 107 in th
Comments Date: 12162003
Comments: e RFA prepared for MCAS El Toro. The unit may have been used for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 12162003
Comments: the storage of hazardous waste drums containing waste oil, solven
Comments Date: 12162003
Comments: ts, as well as product drums. TAA 371A is described as a 20-foot
Comments Date: 12162003
Comments: concrete storage pad with a concrete berm and chain- linked fenc
Comments Date: 12162003
Comments: e located northwest of Building 371 in the southeast quadrant of
Comments Date: 12162003
Comments: the Station. Based on the results from the site assessment rep
Comments Date: 12162003
Comments: ort, the net carcinogenic risk is less than 1x10-6 for the reside
Comments Date: 12162003
Comments: ntial uses. Also, the target organ hazard index (HI) using maximu
Comments Date: 12162003
Comments: m values was less than 1.0 for all target organs with the excepti
Comments Date: 12162003
Comments: on of iron overload. Using maximum concentrations, the iron over
Comments Date: 12162003
Comments: load resulted in an HI of 1.7, however, iron is considered a nece
Comments Date: 12162003
Comments: ssary nutrient and not a risk at this site.
Comments Date: 12302003
Comments: PEA - TA240: MCAS El Toro conducted confirmation soil sampling ac
Comments Date: 12302003
Comments: tivities on August 27, 2003. The closure report summarizes the r
Comments Date: 12302003
Comments: esults of an additional 3 soil confirmation samples collected fro
Comments Date: 12302003
Comments: m three locations at TAA240. The confirmation soil samples were
Comments Date: 12302003
Comments: collected on March 31, 2003 in response to DTSC's March 22, 2000
Comments Date: 12302003
Comments: comment letter on the November 12, 1999 Closure Report for the un
Comments Date: 12302003
Comments: it. The report also summarizes the results of the October 1997 f
Comments Date: 12302003
Comments: ield activities which involved the collection of 12 soil samples
Comments Date: 12302003
Comments: collected from six locations at TAA240. The samples were analyze
Comments Date: 12302003
Comments: d for volatile organic compounds (VOCs), Semi-VOCs, total petrole
Comments Date: 12302003
Comments: um (TPH) as gasoline, TPH as diesel, pesticides and polychlorinat
Comments Date: 12302003
Comments: ed biphenyls, metals, total cyanide, and pH. The TAA 240 was id
Comments Date: 12302003
Comments: entified as SWMU 64 in the RFA prepared for MCAS El Toro. The un
Comments Date: 12302003
Comments: it may have been used for the storage of hazardous waste drums c
Comments Date: 12302003
Comments: ontaining hydraulic fluid, waste oil, waste JP-5, solvents, as we
Comments Date: 12302003
Comments: ll as product drums. TAA 240 is discribed as 0-feet by 20-feet t
Comments Date: 12302003
Comments: wo section concrete storage pad surrounded by a 6-inch concrete b
Comments Date: 07132001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: lected remedy for Sites 7 and 14 is no action based on extensive
Comments Date: 07132001
Comments: field investigations, laboratory analyses and a thorough assessme
Comments Date: 07132004
Comments: MCAS El Toro conducted additional confirmation soil sampling acti
Comments Date: 07132004
Comments: vitieson November 12, 2002. The closure report summarizes the re
Comments Date: 07132004
Comments: sults of an additional soil confirmation samples collected at Tem
Comments Date: 07132004
Comments: porary Accumulation Area (TAA) 31A in response to DTSC's comments
Comments Date: 07132004
Comments: on the December 2001 Closure Report for theunit. The samples wer
Comments Date: 07132004
Comments: e analyzed for volatile organic compounds (VOCs), Semi-VOCs, tota
Comments Date: 07132004
Comments: l petroleum (TPH) as gasoline, TPH as diesel, pesticides,and meta
Comments Date: 07132004
Comments: ls. TAA 31A was identified as Solid Waste Management Unit (SWMU
Comments Date: 07132004
Comments:) 272 during the development of the Resource Conservation and Rec
Comments Date: 07132004
Comments: overy Act Facility Assessment (RFA) prepared for El Toro. The un
Comments Date: 07132004
Comments: it may have been used for the storage of hazardous waste drums co
Comments Date: 07132004
Comments: ntaining wasteoil, hydraulic fluid, solvents, as well as product
Comments Date: 07132004
Comments: drums. TAA 31A is described as a 10-feet by 20-feet concrete pad
Comments Date: 07132004
Comments: enclosed by a six-inch concrete berm and covered by an aluminum
Comments Date: 07132004
Comments: roof, located adjacent to Building 31 and InstallationRestoration
Comments Date: 07132004
Comments: Program (IRP) Site 15 in the northwestern section of CAS ElToro.
Comments Date: 07132004
Comments: Based on our review, we agree with the Navy's recommended no f
Comments Date: 07132004
Comments: urther action for TAA 31A with Environmental Condition of Propert
Comments Date: 07132004
Comments: y (ECP) category 3. The results from the site assessment report
Comments Date: 07132004
Comments: shows the net carcinogenic risk is less than 1X10-6 for the resid
Comments Date: 07132004
Comments: ential uses. Also, the non-cancer hazard index (HI) for detected
Comments Date: 07132004
Comments: chemicals is less than 1.0 for residential scenario.
Comments Date: 07182001
Comments: PEA - TA307: The Navy submitted a Closure Report for TAA 307 on
Comments Date: 07182001
Comments: March 29, 2001. The report summarizes the results of field
Comments Date: 07182001
Comments: activities conducted at the site. Field activities conducted at
Comments Date: 07182001
Comments: the site included a site inspection, confirmation soil sampling,
Comments Date: 07182001
Comments: and waste management. A total of 13 soil samples were collected

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 07182001
Comments: from six borings placed in areas of spills or stains. Samples
Comments Date: 07182001
Comments: were collected at 18 and 36 inches below ground surface (bgs)
Comments Date: 07182001
Comments: from each boring and a duplicate sample was collected at 42-
Comments Date: 07182001
Comments: inches bgs from one boring. Pesticides and metals were detected
Comments Date: 07182001
Comments: in some of the soil samples; however, the screening risk
Comments Date: 07182001
Comments: assessment for the residential scenario demonstrated that the
Comments Date: 07182001
Comments: site-related cancer risk and hazard index are below the
Comments Date: 07182001
Comments: respective screening values. DTSC therefore concurs with the
Comments Date: 07182001
Comments: findings and conclusion of the closure report and the site can be
Comments Date: 07182001
Comments: considered closed.
Comments Date: 07232004
Comments: CEQA - NOE1: The Department of Toxic Substances Control (DTSC) pr
Comments Date: 07232004
Comments: epared a Notice of Exemption (NOE) under the California Environme
Comments Date: 07232004
Comments: ntal Quality Act (CEQA) for the Resource Conservation and Recover
Comments Date: 07232004
Comments: y Act (RCRA) Corrective Action Complete Determination (RCACD) and
Comments Date: 07232004
Comments: a RCRA Hazardous Waste Facility Boundary Modification at the for
Comments Date: 07232004
Comments: mer Marine Corps Air Station (MCAS) El Toro. DTSC utilized the F
Comments Date: 07232004
Comments: inding of Suitability to Transfer (FOST) (Parcel IV and Portions
Comments Date: 07232004
Comments: of Parcels I,II, and III) to make a decision on the RCACD. These
Comments Date: 07232004
Comments: parcels were subject to corrective action requirements of the Cal
Comments Date: 07232004
Comments: ifornia Hazardous Waste Control Law and the federal Resource Cons
Comments Date: 07232004
Comments: ervation and Recovery Act (RCRA) because they were part of the pr
Comments Date: 07232004
Comments: operty of MCAS El Toro, which is an inactive RCRA hazardous waste
Comments Date: 07232004
Comments: facility. MCAS El Toro had a RCRA permit that expired in 2003.
Comments Date: 07232004
Comments: The project is exempt because it does not involve any physical a
Comments Date: 07232004
Comments: ctivities at the former MCAS El Toro. The project is an administ
Comments Date: 07232004
Comments: rative decision by DTSC that previously completed investigations
Comments Date: 07232004
Comments: and cleanup activities conducted under the regulatory oversight o
Comments Date: 07232004
Comments: f DTSC, the United States Environmental Protection Agency, the Re
Comments Date: 07232004

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: gional Water Quality Control Board, Santa Ana Region, and the Ora
Comments Date: 07232004
Comments: nge County Health Care Agency, on the property identified in the
Comments Date: 07232004
Comments: FOST, have satisfied the correctiveaction requirements under RCRA
Comments Date: 07232004
Comments: and California HazardousWaste Control Law. The boundary definin
Comments Date: 07232004
Comments: g the former MCAS El Toro hazardous waste facility has been modif
Comments Date: 07232004
Comments: ied to excludethe FOST property. No offsite impacts will occur a
Comments Date: 07232004
Comments: s a result of moving the facility boundaries.
Comments Date: 07242002
Comments: PEA - B307: The Navy submitted a draft Technical Memorandum for t
Comments Date: 07242002
Comments: he Preliminary Assessment of Building 307 in October 2001. The r
Comments Date: 07242002
Comments: eport was subsequently finalized in July 2002. The report presen
Comments Date: 07242002
Comments: ts the results of a preliminary assessment performed inside Build
Comments Date: 07242002
Comments: ing 307 and along the adjacent sewer line extending to the former
Comments Date: 07242002
Comments: sewage disposal plant. Preliminary assessment activities includ
Comments Date: 07242002
Comments: ed the collection an analysis of soil gas, soil, and groundwater
Comments Date: 07242002
Comments: samples throughout the investigation area. A total of 88 soil ga
Comments Date: 07242002
Comments: s samples were collected an analyzed for volatile organic compoun
Comments Date: 07242002
Comments: ds (VOCs). Low levels of VOCs were detected in some of the soil
Comments Date: 07242002
Comments: gas samples; however, VOCs were not detected in any of the six so
Comments Date: 07242002
Comments: il samples collected to coincide with the highest detected soil g
Comments Date: 07242002
Comments: as concentrations. Trichloroethene concentrations detected in al
Comments Date: 07242002
Comments: l three groundwater samples are consistent with the concentration
Comments Date: 07242002
Comments: s detected in the underlying groundwater plume associated with In
Comments Date: 07242002
Comments: stallation Restoration Program Site 24. Based on review of the d
Comments Date: 07242002
Comments: ocument, there has not been a significant release to the environm
Comments Date: 09012004
Comments: requirements for Marine Corps Air Station (MCAS) El Toro. TAA 65
Comments Date: 09012004
Comments: 8 was identified as Solid Waste Management Unit (SWMU) 171. MC
Comments Date: 09012004
Comments: AS El Toro conducted additional confirmation soil sampling activi
Comments Date: 09012004
Comments: ties in March 2003. The addendum closure report summarizes the r
Comments Date: 09012004
Comments: esults of an additional soil confirmation samples collected at TA

Map ID
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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 09012004
Comments: A 658 in response to DTSC's March 22, 2000 comments on the Decemb
Comments Date: 09012004
Comments: er 1999 Closure Report for the unit. The samples were analyzed f
Comments Date: 09012004
Comments: or volatile organic compounds (VOCs), Semi-VOCs, total petroleum
Comments Date: 09012004
Comments: (TPH) as gasoline, TPH as diesel, pesticides, and metals. TAA
Comments Date: 09012004
Comments: 658 may have been used for the storage of hazardous waste drums c
Comments Date: 09012004
Comments: ontaining waste oil, hydraulic fluid, solvents as well as product
Comments Date: 09012004
Comments: drums. The unit consists of an approximately 15-feet by 15-feet
Comments Date: 09012004
Comments: concrete pad, with sump, metal roof, and berm, located south of
Comments Date: 09012004
Comments: Building 658. Based on our review, we agree with the Navy's re
Comments Date: 09012004
Comments: commended no further action for TAA 658. The results from the si
Comments Date: 09012004
Comments: te assessment report indicate that this site is suitable for resi
Comments Date: 09012004
Comments: dential uses.
Comments Date: 09072004
Comments: MCAS El Toro submitted the February 5, 2003 Addendum to Closure R
Comments Date: 09072004
Comments: eport submittal for former Temporary Accumulation Area (TAA) 779
Comments Date: 09072004
Comments: in response to DTSC comments regarding sampling data gap that exi
Comments Date: 09072004
Comments: sts in the March 2002 closure report. The Addendum report summa
Comments Date: 09072004
Comments: rizes the results of additional seven confirmation samples collec
Comments Date: 09072004
Comments: ted in December 2002. The samples were analyzed for volatile org
Comments Date: 09072004
Comments: anic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (T
Comments Date: 09072004
Comments: PH) as gasoline, TPH as diesel, pesticides, and metals. TAA 77
Comments Date: 09072004
Comments: 9 was identified as Solid Waste Management Unit (SWMU) 227 during
Comments Date: 09072004
Comments: the development of the Resource Conservation and Recovery Act Fa
Comments Date: 09072004
Comments: cility Assessment (RFA) prepared for El Toro. The unit may have
Comments Date: 09072004
Comments: been used for the storage of hazardous waste drums containing JP-
Comments Date: 09072004
Comments: 5, synthetic oil, and photodeveloper waste. TAA 779 is described
Comments Date: 09072004
Comments: as 17-feet by 12-feet concrete pad with ramp enclosed by a six-i
Comments Date: 09072004
Comments: nch concrete berm and covered with a metal roof, located in the n
Comments Date: 09072004
Comments: ortheast quadrant of the Station approximately 250 feet northeast
Comments Date: 09072004

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: of Tank Farm 6. Based on our review, we agree with the Navy s
Comments Date: 09072004
Comments: recommended no further action for TAA 779 with Environmental Con
Comments Date: 09072004
Comments: dition of Property (ECP) category 3. The results from the site a
Comments Date: 09072004
Comments: sassessment report shows the net carcinogenic risk is less than 1X1
Comments Date: 09072004
Comments: 0-6 for the residential uses. Also, the non-cancer hazard index (
Comments Date: 09072004
Comments: HI) for detected chemicals is less than 1.0 for residential scena
Comments Date: 09072004
Comments: rio.
Comments Date: 09162004
Comments: PEA - TA606: The May 13, 2003 closure report summarizes the resul
Comments Date: 09162004
Comments: ts of additional soil samples collected at TAA 606 in March 2003.
Comments Date: 09162004
Comments: TAA 606 (also referenced as Solid Waste Management Unit (SWMU)
Comments Date: 09162004
Comments: 255 located southwest of Building 606) was identified as a hazard
Comments Date: 09162004
Comments: ous waste storage area (HWSA) during the development of the Resou
Comments Date: 09162004
Comments: rce Conservation and Recovery Act Facility Assessment (RFA) prepa
Comments Date: 09162004
Comments: red for El Toro. Former TAA 606 may have been used for storage o
Comments Date: 09162004
Comments: f waste oil, hydraulic fluid, jet propellant fuel, and paint stri
Comments Date: 09162004
Comments: pper. The unit is described as 12-feet by 12-feet concrete pad,
Comments Date: 09162004
Comments: with sump, metal roof, and berm. Based on agreement reached d
Comments Date: 09162004
Comments: uring a site visit on February 12, 2003, seven confirmation sampl
Comments Date: 09162004
Comments: es, including a duplicate, were collected from three hand auger b
Comments Date: 09162004
Comments: oring locations at 18 and 36 inches below ground surface. The sam
Comments Date: 09162004
Comments: ples were analyzed for volatile organic compounds (VOCs), semi-VO
Comments Date: 09162004
Comments: Cs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel
Comments Date: 09162004
Comments: , pesticides, and metals. Based on DTSC review of the docume
Comments Date: 09162004
Comments: nt, we agree with the Navy s recommended no further action for TA
Comments Date: 09162004
Comments: A 606. Also, the unit should be identified as closed and suita
Comments Date: 09162004
Comments: ble for residential uses in the next Base Realignment Closure Bus
Comments Date: 09162004
Comments: iness Plan update. The net carcinogenic risk is less than 10-6 f
Comments Date: 09162004
Comments: or residential scenario and the non-cancer hazard index for detec
Comments Date: 09162004
Comments: ted chemicals is less than 1.0 for residential scenario.

Map ID
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Site

Database(s)

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EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 09232003
Comments: PEA-TK761: OWS 761A had a capacity of approximately 100 gallons
Comments Date: 09232003
Comments: and UST 761B had a capacity of approximately 500 gallons. The tanks
Comments Date: 09232003
Comments: were installed in 1982 and received waste oil until they were
Comments Date: 09232003
Comments: removed from the site in February 2000. The Navy submitted a Site
Comments Date: 09232003
Comments: Site Assessment Report Addendum on August 21, 2003. The document
Comments Date: 09232003
Comments: describes the additional May 2003 field activities and results for
Comments Date: 09232003
Comments: the site assessment performed at SWMU 205 and SWMU 206. One additional
Comments Date: 09232003
Comments: soil boring was performed to further investigate the site because three
Comments Date: 09232003
Comments: of the three previous soil borings were not located directly at the location
Comments Date: 09232003
Comments: of the former UST and OWS. The submission is an addendum to the
Comments Date: 09232003
Comments: December 2002 Site Assessment Report for SWMU 205 and SWMU 206.
Comments Date: 09232003
Comments: Based on the results from the 2002 site assessment, the sampling
Comments Date: 09232003
Comments: and analytical results were below residential cleanup goals. DTSC concurs
Comments Date: 09232003
Comments: with the findings and conclusions of the closure report.
Comments Date: 09262002
Comments: RIFS - OU316: The Department of the Navy prepared the Draft Final
Comments Date: 09262002
Comments: Phase II Remedial Investigation Report OU-3A. Marine Corps Air
Comments Date: 09262002
Comments: Station El Toro, California, dated June 1997 (RI), that included
Comments Date: 09262002
Comments: Site 16. Subsequently, the Final Phase II Focused Feasibility Study
Comments Date: 09262002
Comments: Report, OU-3, Site 16 Crash Crew Training Pit No. 2, Former M
Comments Date: 10011997
Comments: was addressed in the OU-1 and 2A RODs.
Comments Date: 10011997
Comments: Not reported
Comments Date: 10011997
Comments: OU2AS (Site 24): the VOC Source Area, comprised of two
Comments Date: 10011997
Comments: contaminated media, soil and groundwater. The Interim ROD
Comments Date: 09262002
Comments: for Marine Corps Air Station, El Toro, California, was prepared in August
Comments Date: 09262002
Comments: 2002. The objectives for remediation include monitoring volatile
Comments Date: 09262002
Comments: organic compounds (VOCs) in the vadose zone, restoring beneficial
Comments Date: 08102004
Comments: use. Based on our review, we agree with the Navy's recommended no further
Comments Date: 08102004
Comments: action for APHO 46 and MSC R2 pending the results of radiological
Comments Date: 08102004

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: ical assessment of APHO 46.
Comments Date: 08132002
Comments: RA - OU2AS: To address the volatile organic compound (VOC) source
Comments Date: 08132002
Comments: areas associated with Installation Restoration Program(IRP) Site
Comments Date: 08132002
Comments: 24, soil vapor extraction was selected as the interim remedy in
Comments Date: 08132002
Comments: the "Draft Final Interim Record of Decision, OU-2A, Site 24 VOC S
Comments Date: 08132002
Comments: ource Area, Vadose Zone," dated 1997 (Interim ROD). Following co
Comments Date: 08132002
Comments: mpletion of the remedial action the Department of the Navy prepar
Comments Date: 08132002
Comments: ed the "Draft Final Site Closure Report, Vadose Zone Remediation,
Comments Date: 08132002
Comments: IRP Site 24, Volatile Organic Compounds Source Area. Former Mari
Comments Date: 08132002
Comments: ne Corps Air Station El Toro, California," dated June 2002. The
Comments Date: 08132002
Comments: report presents the results of vadose zone remediation at IRP Sit
Comments Date: 08132002
Comments: e 24. The remedial action objectives to reduce concentrations of
Comments Date: 08132002
Comments: VOCs in the sources areas to prevent or minimize further degrada
Comments Date: 08132002
Comments: tion of the shallow groundwater unit above the mazimum contaminan
Comments Date: 08132002
Comments: t levels (MCLs) for drinking water and to continue vadose zone r
Comments Date: 08132002
Comments: emediation until VOC soil gas concentrations are below the establ
Comments Date: 08132002
Comments: ished threshold concentrations capable of contaminating the shall
Comments Date: 08132002
Comments: ow groundwater unit above MCLs. Based upon review of the draft fi
Comments Date: 08132002
Comments: nal document, the remedial action objectives have been achieved a
Comments Date: 08132002
Comments: nd as a result, DTSC concurs with the recommendation for closure
Comments Date: 08132002
Comments: and completion of the Site 24 vadose zone remediation.
Comments Date: 08171998
Comments: RA - OU2B(SITE2): Approved the completion report for time-
Comments Date: 08171998
Comments: critical removal action at the site. The action was intended
Comments Date: 08171998
Comments: to provide security and to mitigate the erosion of landfill
Comments Date: 08171998
Comments: debris along surface drainage channels at the landfill site.
Comments Date: 08171998
Comments: The scope of work performed include the construction of
Comments Date: 08171998
Comments: approximately 2,350 feet of fencing at the site, riprap protec-
Comments Date: 08171998
Comments: tion was placed along Site 2 to abate the erosion of landfill
Comments Date: 08171998
Comments: materials along Borrego Canyou Wash. access rods were graded to

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EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 08171998
Comments: facilitate access to the landfill site. Approximately 3,500 tons
Comments Date: 08171998
Comments: of the exposed concrete debris were removed and recycled, 37 drum
Comments Date: 08171998
Comments: were removed, recycled and/or sent to class I landfill. In
Comments Date: 08171998
Comments: addition, monitoring of protected natural resources during
Comments Date: 08171998
Comments: construction activities took place.
Comments Date: 08171998
Comments: Not reported
Comments Date: 08171998
Comments: RA - OU2B(SITE17): Same as Site 2. And there were 38 drums
Comments Date: 08171998
Comments: removed about 2,400 feet of surface drainage channel was aligned
Comments Date: 08171998
Comments: and modified to convey surface waters from the site.
Comments Date: 08171998
Comments: In addition, monitoring of protected natural resources during
Comments Date: 08171998
Comments: construction activities took place.
Comments Date: 08192004
Comments: The Department of Toxic Substances Control (DTSC) made a determin
Comments Date: 08192004
Comments: ation that corrective action has been completed for approximately
Comments Date: 08192004
Comments: 2800 acres of property at the former Marine Corps Air Station (M
Comments Date: 08192004
Comments: CAS) El Toro. DTSC utilized the July 2004 Final Finding Of Suita
Comments Date: 08192004
Comments: bility to Transfer (FOST) (Parcel IV and Portions of Parcels I, I
Comments Date: 08192004
Comments: I, and III) to make a decision on the Resource Conservation and R
Comments Date: 08192004
Comments: ecovery Act (RCRA) Corrective Action Complete Determination and a
Comments Date: 08192004
Comments: RCRA Hazardous Waste Facility Boundary Modification at the forme
Comments Date: 08192004
Comments: r MCAS El Toro. These parcels were subject to corrective action
Comments Date: 08192004
Comments: requirements of the California Hazardous Waste Control Law and th
Comments Date: 08192004
Comments: e federal Resource Conservation and Recovery Act (RCRA) because t
Comments Date: 08192004
Comments: hey were part of the property of MCAS El Toro, which is an inacti
Comments Date: 08192004
Comments: ve RCRA hazardous waste facility. The RCRA corrective action r
Comments Date: 08192004
Comments: equirements for the FOST parcels have been completed through inve
Comments Date: 08192004
Comments: stigation and cleanup actions overseen by DTSC, the Regional Wate
Comments Date: 08192004
Comments: r Quality Control Board, Santa Ana Region (RWQCB) and the United
Comments Date: 08192004
Comments: States Environmental Protection Agency (US EPA) under the Compreh
Comments Date: 08192004

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: ensive Environmental Response, Compensation and Liability Act (CE
Comments Date: 08192004
Comments: RCLA) and by underground/aboveground storage tank investigation a
Comments Date: 08192004
Comments: nd cleanup actions overseen by the RWQCB and Orange County Health
Comments Date: 08192004
Comments: Care Agency. The FOST documents environmental findings to s
Comments Date: 08192004
Comments: upport that the property proposed for transfer is suitable for tr
Comments Date: 08192004
Comments: ansfer by deed and documents that corrective action has been cond
Comments Date: 08192004
Comments: ucted for all hazardous waste, hazardous substance and hazardous
Comments Date: 08192004
Comments: constituent releases identified by previous environmental assessm
Comments Date: 08192004
Comments: ents and that those actions were conducted to adequately protect
Comments Date: 08192004
Comments: human health, safety and the environment. DTSC has determin
Comments Date: 08192004
Comments: ed that there are no RCRA-regulated hazardous waste treatment, st
Comments Date: 08192004
Comments: orage or disposal units existing in the parcels proposed for deed
Comments Date: 08192004
Comments: transfer. In addition, the following locations of concern have
Comments Date: 08192004
Comments: been identified and addressed within the parcels proposed for dee
Comments Date: 08192004
Comments: d transfer: 1) 113 hazardous substance and IRP locations of co
Comments Date: 08192004
Comments: ncern that received regulatory concurrence for No Further Action
Comments Date: 08192004
Comments: decisions, 2) 211 aboveground and underground storage tank sit
Comments Date: 08192004
Comments: es that received regulatory closure letters, and 3) 106 other l
Comments Date: 08192004
Comments: ocations which were evaluated for presence of PCBs, or other misc
Comments Date: 08192004
Comments: ellaneous hazardous materials. A copy of the Corrective Actio
Comments Date: 08192004
Comments: n Completion Determination and Boundary Modification approval let
Comments Date: 08192004
Comments: ter is attached.
Comments Date: 09012004
Comments: PEA - TA658: The May 30, 2003 Addendum Closure Report and the Dec
Comments Date: 09012004
Comments: ember 22, 1999 submittal for former Temporary Accumulation Area (
Comments Date: 10152001
Comments: milar in nature to past use as an EOD Range. A majority of the p
Comments Date: 10152001
Comments: arcel has been designated as environmental condition type 6 that
Comments Date: 03232004
Comments: 8. The August 21, 2003 Site Assessment Report documented the con
Comments Date: 03232004
Comments: firmation soil sampling activities performed at the former OWS 84
Comments Date: 03232004
Comments: 5. The Navy also submitted additional information regarding site

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 03232004
Comments: investigation on March 11, 2004. In 1999, two soil borings wer
Comments Date: 04122004
Comments: sure Business Plan update. PEA - TA744: MCAS El Toro conducted
Comments Date: 04122004
Comments: confirmation soil sampling activities on August 26, 2003. The cl
Comments Date: 04122004
Comments: osure report summarizes the results of 8 soil confirmation sample
Comments Date: 06122005
Comments: osal elsewhere. OWS 759A was approximately a 100 gallon capacity
Comments Date: 06122005
Comments: tank and UST 759B was approximately a 500 gallon capacity tank.
Comments Date: 06122005
Comments: In 1993 OWS 759A/UST 759B was investigated as part of the Re
Comments Date: 07132001
Comments: was issued on April 23, 2001 and signed by DTSC on June 18, 2001
Comments Date: 07132001
Comments: . The ROD documents the selected remedy for Sites 7 and 14. The se
Comments Date: 05022005
Comments: y (APHO) 38 included closure for Oil Water Separator (OWS) 832 wa
Comments Date: 05022005
Comments: s submitted to comply with a Resource Conservation and Recovery A
Comments Date: 05022005
Comments: ct (RCRA) Facility Assessment (RFA) Corrective Action requirement
Comments Date: 09012004
Comments: TAA) 658 was submitted to comply with a Resource Conservation and
Comments Date: 09012004
Comments: Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action
Comments Date: 10011997
Comments: for vadose zone addresses remediation of contamination in
Comments Date: 10011997
Comments: the soil at Site 24. Remediation of groundwater at Site 24
Comments Date: 10011997
Comments: will be addressed in a separate ROD. The Interim Record of
Comments Date: 10011997
Comments: Decision documents the selected remedial action (Soil
Comments Date: 10011997
Comments: Vapor Extraction remedy) for vadose zone soil at Site 24 at
Comments Date: 10011997
Comments: Marine Corps Air Station El Toro.
Comments Date: 10032003
Comments: RAP - OU316: The ROD addresses cleanup of TCE in groundwater. No
Comments Date: 10032003
Comments: further action is recommended for shallow soil (0 foot to 10 feet
Comments Date: 10032003
Comments: below ground surface). The contamination present in the vadose z
Comments Date: 10032003
Comments: one (10 feet to groundwater) was shown to have potential to impac
Comments Date: 10032003
Comments: t groundwater above drinking water standards. The study was cond
Comments Date: 10032003
Comments: ucted to implement a pilot scale for multiple phase extraction.
Comments Date: 10032003
Comments: The study reduced to the extent that the levels they are not like
Comments Date: 10032003
Comments: ly to impact groundwater above drinking water standards. The sel
Comments Date: 10032003

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Database(s)

EDR ID Number
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EL TORO MCAS (Continued)

S101272791

Comments: ected remedial alternative for remediation of groundwater and the
Comments Date: 10032003
Comments: vadose zone include monitored natural attenuation, institutional
Comments Date: 10032003
Comments: controls, vadose zone monitoring, and grading.
Comments Date: 10072004
Comments: PEA - 765AB:The October 2, 2003 closure report for Underground
Comments Date: 10072004
Comments: Storage Tank (UST) 765A and Oil Water Separator (OWS) 765B (also
Comments Date: 10072004
Comments: referenced as Solid Waste Management Unit (SWMU) 217 and SWMU 218
Comments Date: 10072004
Comments:) was submitted to comply with a Resource Conservation and Recove
Comments Date: 10072004
Comments: ry Act (RCRA) Facility Assessment (RFA) Corrective Action require
Comments Date: 10072004
Comments: ments for El Toro. UST 765A and OWS 765B were removed on Decembe
Comments Date: 10072004
Comments: r 14, 1998 and the closure report summarizes the results of addit
Comments Date: 10072004
Comments: ional soil samples collected in August 2003. The samples were an
Comments Date: 10072004
Comments: alyzed for volatile organic compounds (VOCs), total petroleum hyd
Comments Date: 10072004
Comments: rocarbons (TPH) as gasoline, TPH as diesel, and metals from the s
Comments Date: 10072004
Comments: hallow soil borings.UST 765A and OWS 765B are located near th
Comments Date: 10072004
Comments: e intersection of West Marine Way and 7th Street in the northeast
Comments Date: 10072004
Comments: quadrant of the Station) were identified during the development
Comments Date: 10072004
Comments: of the RFA prepared for El Toro. UST 765A was a 185-gallon steel
Comments Date: 10072004
Comments: tank used to store waste oil residue received from OWS 765B (a 1
Comments Date: 10072004
Comments: 00-gallon capacity steel tank). Based on the review of this c
Comments Date: 10072004
Comments: losure report and supplemental information received on November 1
Comments Date: 10072004
Comments: 0, 2003, we agree with the Navy s recommendation of no further ac
Comments Date: 10072004
Comments: tion for UST 765A/OWS 765B. A copy of the approval letter is att
Comments Date: 10072004
Comments: ached.
Comments Date: 10132004
Comments: PEA - TA770:The January 9, 2003 Closure Report submittal for fo
Comments Date: 10132004
Comments: rmer Temporary Accumulation Area (TAA) 770 summarizes the results
Comments Date: 10132004
Comments: of additional soil samples collected in November 2002 based on a
Comments Date: 10132004
Comments: greements reached during a site visit on August 27, 2002. The sa
Comments Date: 10132004
Comments: mples were analyzed for volatile organic compounds (VOCs), semi-V
Comments Date: 10132004
Comments: OCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diese

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 10132004
Comments: l, pesticides, and metals. TAA 770 (also referenced as Solid
Comments Date: 10132004
Comments: Waste Management Unit (SWMU) 223) was identified as a hazardous
Comments Date: 10132004
Comments: waste storage area (HWSA) during the development of the Resource
Comments Date: 10132004
Comments: Conservation and Recovery Act Facility Assessment (RFA) prepared
Comments Date: 10132004
Comments: for El Toro. The HWSA may have been used for storage of waste oi
Comments Date: 10132004
Comments: l, hydraulic fluid, and antifreeze. Former TAA 770 includes two
Comments Date: 10132004
Comments: units: an enclosed concrete slab with curb, approximately 17 feet
Comments Date: 10132004
Comments: wide by 17 feet long constructed in 1983; and a concrete slab wi
Comments Date: 10132004
Comments: th berm, sump, and access ramp, approximate dimensions 20 feet by
Comments Date: 10132004
Comments: 25 feet, that was constructed more recently. The unit is locate
Comments Date: 10132004
Comments: d northeast of Building 386, within the boundaries of Installatio
Comments Date: 10132004
Comments: n Restoration Program (IRP) Site 24, the VOC Source Area in the s
Comments Date: 10132004
Comments: outhwest quadrant of the Station. Based on the review of this
Comments Date: 10132004
Comments: closure report, we agree with the Navy s recommendation of no fu
Comments Date: 10132004
Comments: rther action for TAA 770. Also, the unit should be identified as
Comments Date: 10132004
Comments: closed and suitable for residential uses in the next Base Real
Comments Date: 10132004
Comments: ignment Closure Business Plan update. A copy of the approval let
Comments Date: 10132004
Comments: ter is attached.
Comments Date: 10152001
Comments: FOST - P5A2: The Department of the Navy prepared a Federal Agency
Comments Date: 10152001
Comments: -to-Agency Property Transfer, Environmental Summary Document for
Comments Date: 10152001
Comments: Parcel 5a2 (IRP Site 1) to be transferred to the FBI. Upon tran
Comments Date: 10152001
Comments: sfer, the FBI plans to use the property for purposes similar in n
Comments Date: 10152001
Comments: ature to past use as an EOD Range. An approximetely 3.3-acre are
Comments Date: 10152001
Comments: a (Subparcel) was determined to be environmental condition area t
Comments Date: 10152001
Comments: ype 3 and is available for immediate use by the FBI upon transfer
Comments Date: 10152001
Comments: . However, access to the remaining portion of the IRP Site 1 (ab
Comments Date: 10152001
Comments: out 70.4 additional acres), designated as environmental condition
Comments Date: 10152001
Comments: type 6, will be restricted until completion of the CERCLA proces
Comments Date: 10152001

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: s. Although the property contains some level of contamination by
Comments Date: 10152001
Comments: hazardous substances or petroleum products, it is environmental
Comments Date: 10152001
Comments: y suitable for transfer to another federal agency for the propose
Comments Date: 10152001
Comments: d use (as an EOD Range), with acceptable risk to human health and
Comments Date: 10152001
Comments: the environment. The transfer is subject to restrictions identif
Comments Date: 10152001
Comments: ied in the FOST. SSEBS - P5A2: The Department of the Navy prepa
Comments Date: 10152001
Comments: red a Site-Specific Environmental Baseline Survey Report for Parc
Comments Date: 10152001
Comments: el 5a2 (IRP Site 1) to document the environmental condition of pr
Comments Date: 10152001
Comments: operty. Parcel 5a2 is anticipated to be transferred to the FBI.
Comments Date: 10152001
Comments: Upon transfer, the FBI plans to use the property for purposes si
Comments Date: 02101998
Comments: ntial concern. The Alternatives evaluated in the FS are: Alternat
Comments Date: 02101998
Comments: ive 1 - No Action; Alternative 2 - Capping with Restrictive Coven
Comments Date: 02101998
Comments: ants; Alternative 3 - Excavation with Recycling of the Excavated
Comments Date: 02101998
Comments: Soil as Cover Material at the On-Station Landfills Alternative 4
Comments Date: 02101998
Comments: - Excavation, On-Site Soil Washing, On-Site Incineration, and Off
Comments Date: 02101998
Comments: -Station Disposal or Excavation and On-Site Low-Temperature Therm
Comments Date: 02101998
Comments: al Desorption; Alternative 5 - Excavation, On-Site Soil Washing,
Comments Date: 02101998
Comments: and Off-Station Disposal.
Comments Date: 02152000
Comments: RAP - OU311 (OU3, Site 11): The Record of Decision (ROD) for OU-3
Comments Date: 02152000
Comments: , Site 11 (Transformer Storage Area) was issued on September 30,
Comments Date: 02152000
Comments: 1999 and signed by DTSC on October 1, 1999. The ROD documents the
Comments Date: 02152000
Comments: selected remedial action for each of the Units. No action is do
Comments Date: 02152000
Comments: cumented as the selected remedial action for Unit 3 of IRP Site 1
Comments Date: 02152000
Comments: 1. The Navy has determined that the existing condition of IRP Sit
Comments Date: 02152000
Comments: e 11 Unit 3 is protective of human health and the environment sin
Comments Date: 02152000
Comments: ce both cancer and noncancer risks are within the range considere
Comments Date: 02152000
Comments: d allowable by the United States Environmental Protection Agency
Comments Date: 02152000
Comments: (EPA). The ROD documents remedial action for Units 1 and 2 of IR
Comments Date: 02152000
Comments: P Site 11. The selected remedy consists of excavation of contami

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 02152000
Comments: nated soil above the estimated residential risk-based concentrati
Comments Date: 02152000
Comments: ons and disposal at an appropriate off- Station facility. Once t
Comments Date: 02152000
Comments: he contaminated soil has been removed, both cancer and noncancer
Comments Date: 02152000
Comments: risks will be within the range considered allowable by EPA and wi
Comments Date: 02152000
Comments: ll be protective of human health and the environment. Deed restr
Comments Date: 02152000
Comments: ictions are not required for IRP Site 11. PEA - AP01 (APHO 5, A
Comments Date: 02152000
Comments: PHO 18, APHO 4, APHO 33 and APHO 2), AP03 (APHO 19, APHO 7, APHO
Comments Date: 02152000
Comments: 17, APHO 29 and APHO 52), AP04 (APHO 3, APHO 25, APHO 37, APHO 28
Comments Date: 02152000
Comments: and APHO 10), AP05 (APHO 35, APHO 9, APHO 30, APHO 8 and APHO 41
Comments Date: 02152000
Comments:), AP06 (APHO 50, APHO 53, APHO 36, APHO 39 and APHO 49), and APO
Comments Date: 02152000
Comments: 7 (APHO 16, APHO 34, APHO 26, APHO 40 and APHO 12). The Summary R
Comments Date: 02152000
Comments: eport for each aerial photograph anomaly presents the results of
Comments Date: 02152000
Comments: record search activities and visual inspection of the vicinity.
Comments Date: 02152000
Comments: Each report recommends a no further action status for the aerial
Comments Date: 02152000
Comments: photograph anomaly based on evaluation of field inspection result
Comments Date: 02152000
Comments: s, environmental program documents, and historical property recor
Comments Date: 02152000
Comments: ds.
Comments Date: 03171999
Comments: PEA - TAA314: The Navy submitted a Closure Report dated Dec. 23,
Comments Date: 03171999
Comments: 1998 for TAA314. The report summarized the results of field activ
Comments Date: 03171999
Comments: ities conducted at the site. The objective of the investiga- tion
Comments Date: 03171999
Comments: is to determine whether hazardous wastes or constituents were re
Comments Date: 03171999
Comments: leased from TAA 314. Field activities consisted of a visual site
Comments Date: 03171999
Comments: inspection of the surface concrete pad and confirma- tion soil s
Comments Date: 03171999
Comments: ampling. Based on the information provided in the closure report,
Comments Date: 03171999
Comments: TAA has been adequately investigated for releases of hazardous w
Comments Date: 03171999
Comments: stes and constituents. DTSC concurs with the finding and conclusi
Comments Date: 03171999
Comments: ons of the closure report and the site can be considered closed.
Comments Date: 03171999
Comments: DES - OU2AS(SITE 24): The VOC Source Area, comprises of two con
Comments Date: 03171999

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: taminated media, soil and groundwater. The Interim ROD or vadose
Comments Date: 03171999
Comments: zone addresses remediation of contamination in the soil at Site 2
Comments Date: 03171999
Comments: 4. Remediation of groundwater at site 24 will be addressed in a s
Comments Date: 03171999
Comments: eparate ROD. The Interim ROD selected remedial action (Soil Vapor
Comments Date: 03171999
Comments: Extraction remedy) for vadose zone soil at Site 24. The remedial
Comments Date: 03171999
Comments: design report provides the engineering design, specifications, a
Comments Date: 03171999
Comments: nd implementation methodology for a soil vapor extraction (SVE) s
Comments Date: 03171999
Comments: ystem to address VOC contaminated soil at the site. Instead of s
Comments Date: 03171999
Comments: ubmitting 100% design to the regulatory agencies, the Navy propos
Comments Date: 03171999
Comments: ed a phased approach for the remedial design and remedial action.
Comments Date: 03171999
Comments: As many as 233 SVE wells are proposed to remediate the soil. For
Comments Date: 03171999
Comments: each phase of the remedial action. DTSC requested that the Navy
Comments Date: 03171999
Comments: to submit the as-buit drawings of the well field and conveyance n
Comments Date: 03171999
Comments: etwork, once actually constructed. The estimated remedial time is
Comments Date: 03171999
Comments: 2-4 years. It is estimated that approximately 1,500 pounds of TC
Comments Date: 03171999
Comments: E are present as soil gas. Approximately 4,000 pounds of TCE are
Comments Date: 03171999
Comments: presnet in the soil. The Navy is utilizing Norton Air Force SVE s
Comments Date: 03171999
Comments: ystem after it had successfully completed the remediation at Nort
Comments Date: 03171999
Comments: on.
Comments Date: 03221999
Comments: PEA - TAA77: The Navy submitted a Closure Report dated Dec. 1998
Comments Date: 03221999
Comments: for TAA77 . The report summarized the results of field activities
Comments Date: 03221999
Comments: conducted at the site. The objective of the investigation is to
Comments Date: 03221999
Comments: determine whether hazardous waste, residue, and constituents that
Comments Date: 03221999
Comments: may pose potential health risk have been removed from TAA77. Fie
Comments Date: 03221999
Comments: ld activities consisted of a visual site inspection, a geophy- si
Comments Date: 03221999
Comments: cal survey, and confirmation soil sampling. A total of 16 soil sa
Comments Date: 03221999
Comments: mples (including 4 QA/QC samples) were collected from six boring
Comments Date: 03221999
Comments: locations. Based on the information provided in the closure repor
Comments Date: 03221999
Comments: t,TAA has been adequately investigated for releases of hazardous

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 03221999
Comments: wastes and constituents.
Comments Date: 03232004
Comments: PEA - OWS 845: OWS 845 was located approximately 12 feet south of
Comments Date: 03232004
Comments: the washrack at Building 846. The OWS received wash water from
Comments Date: 03232004
Comments: washrack 846 and the oil residue removed by the OWS was discharge
Comments Date: 03232004
Comments: into an underground waste oil tank SWMU 249. OWS 845 had a capacity
Comments Date: 03232004
Comments: of approximately 1900 gallons (with approximate dimensions, 5.3
Comments Date: 03232004
Comments: feet in diameter by 11 feet long). The unit was installed in approximately
Comments Date: 03232004
Comments: 1985 and was taken out of service in approximately 199
Comments Date: 01022004
Comments: MCP2 - PEA: MCAS El Toro conducted additional confirmation soil
Comments Date: 01022004
Comments: sampling activities on October 6, 2000. The closure report summarizes
Comments Date: 01022004
Comments: the results of an additional 20 soil confirmation samples collected
Comments Date: 01022004
Comments: from three locations at MSC P2 in response to DTSC's August
Comments Date: 01022004
Comments: 21, 2000 comment letter on the January 31, 2000 summary Closure
Comments Date: 01022004
Comments: Report for the unit. The samples were analyzed for semi-volatile
Comments Date: 01022004
Comments: inorganic compounds, pesticides, and herbicides. The report also
Comments Date: 01022004
Comments: summarizes the results of the May 1999 field activities which involved
Comments Date: 01022004
Comments: the collection of 11 soil samples collected from four locations
Comments Date: 01022004
Comments: at MSC P2. The former pesticide storage area MSC P2 was
Comments Date: 01022004
Comments: identified in the 1995 Final Environmental Baseline Survey for MCAS
Comments Date: 01022004
Comments: El Toro. MSC P2 is described as an area 20 feet wide by 60 feet
Comments Date: 01022004
Comments: long concrete slab on the north side of the Golf Course Club House
Comments Date: 01022004
Comments: (Building 464) within the golf course facility in the southeastern
Comments Date: 01022004
Comments: quadrant of the MCAS El Toro. Based on the results from the
Comments Date: 01022004
Comments: site assessment report, the net carcinogenic risk is less than
Comments Date: 01022004
Comments: 1X10⁻⁶ for the residential uses. Also, the non-cancer hazard index
Comments Date: 01022004
Comments: (HI) for detected chemicals is less than 1.0 for residential scenarios.
Comments Date: 01031981
Comments: Facility Identified: List 29 GRP2 located at Borrego Canyon. List
Comments Date: 01031981

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: 30 GRP2 & GRP3 (5 acres) located south of Irvine Blvd and Trabuc
Comments Date: 01031981
Comments: o Rd.
Comments Date: 01162002
Comments: RAW - OU31: The department of the Navy prepared a Final Work Plan
Comments Date: 01162002
Comments: for Ordnance and Explosives (OE) Range Evaluation for IRP Site 1
Comments Date: 01162002
Comments: . The Work Plan details the objectives and procedures to conduct
Comments Date: 01162002
Comments: a range evaluation that will be conducted concurrently with the p
Comments Date: 01162002
Comments: hase II Remedial Investigation (RI) and will also be used to prov
Comments Date: 01162002
Comments: ide OE safety and clearance support during the RI. The Work Plan
Comments Date: 01162002
Comments: includes procedures to blow-in-place unstable OE and to consolid
Comments Date: 01162002
Comments: ate and detonate stable OE that may be encountered. This Work PI
Comments Date: 01162002
Comments: an meets the substantive requirements of a Removal Action Work PI
Comments Date: 01162002
Comments: an (RAW) and the conditions, specified in California Health and S
Comments Date: 01162002
Comments: afety Code, Chapter 6.8 Section 25358.9(a), for exclusion from ha
Comments Date: 01162002
Comments: zardous waste facility permit requirements. Additionally, a publi
Comments Date: 01162002
Comments: c notice was distributed and the Work Plan was release for a 30-d
Comments Date: 01162002
Comments: ay public comment period extending from November 3 through Decemb
Comments Date: 01162002
Comments: er 3, 2001. As a result, DTSC approved this Final Work Plan that
Comments Date: 01162002
Comments: meets the substantive requirements of a RAW.
Comments Date: 01231997
Comments: Phase II RIFS for OU2A - Soil for Site 24 completed
Comments Date: 02082005
Comments: (SPLP). Based on review of the report, DTSC concurs with the
Comments Date: 02082005
Comments: Navy's recommendation of no further action for SWMU 198.
Comments Date: 02082005
Comments: MCAS EI Toro submitted the October 21, 2003 Summary Report for So
Comments Date: 02082005
Comments: lid Waste Management Unit (SWMU) 198 to comply with a Resource Co
Comments Date: 02082005
Comments: nservation and Recovery Act (RCRA) Facility Assessment (RFA) Corr
Comments Date: 02082005
Comments: ective Action requirements for Marine Corps Air Station EI Toro.
Comments Date: 02082005
Comments: SWMU 198, a former vehicle washrack 759, is described as a concre
Comments Date: 02082005
Comments: te wash surface approximately 60 feet long by 15 feet wide and su
Comments Date: 02082005
Comments: rrounded by a 4-inch concrete berm. The wash rack contains two c
Comments Date: 02082005
Comments: atch basins that carried the rinse water to Oil/Water Separator 7

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 02082005
Comments: 59-A and Underground Storage Tank (UST) 759B through a sanitary s
Comments Date: 02082005
Comments: ewer line. SWMU 198 is located on the north side of Building 655
Comments Date: 02082005
Comments: in the south-central portion of MCAS El Toro within Installation
Comments Date: 02082005
Comments: Restoration Program (IRP) Site 24. The Summary Report summariz
Comments Date: 02082005
Comments: zes the results of additional soil samples collected at SWMU 198
Comments Date: 02082005
Comments: Site on July 14 and 15, 2003. The additional investigation was c
Comments Date: 02082005
Comments: onducted in response to DTSC s October 10, 2000 comments on the S
Comments Date: 02082005
Comments: eptember 1, 2000 Technical Information Supplement Report for SWMU
Comments Date: 02082005
Comments: 198. DTSC requested field sampling to assess potential releases
Comments Date: 02082005
Comments: along the sanitary sewer and the storm drain connected to SWMU 1
Comments Date: 02082005
Comments: 98. The investigation includes 15 additional soil samples collec
Comments Date: 02082005
Comments: ted from three boring locations at 5, 10, 15, 20, and 25 feet bel
Comments Date: 02082005
Comments: ow ground surface. The samples were analyzed for volatile organi
Comments Date: 02082005
Comments: c compounds (VOCs), total petroleum hydrocarbons (TPH) as gasolin
Comments Date: 02082005
Comments: e, TPH as diesel, and Synthetic Precipitation Leaching Procedure
Comments Date: 02101998
Comments: RIFS-OU3As: The investigation included sampling as follows: a) at
Comments Date: 02101998
Comments: Site 8, a total of 141 shallow (0 to 10 feet bgs) and deeper sub
Comments Date: 02101998
Comments: surface soil (greater that 10 feet bgs) were collected; b) at Sit
Comments Date: 02101998
Comments: e 11, 28 shallow soil samples were collected; c) at Site 12, 25 s
Comments Date: 02101998
Comments: hallow soil samples were collected. The sample analytical results
Comments Date: 02101998
Comments: indicate that SVOCs VOCs, PAHs, PCBs, pesticides, herbicides, pe
Comments Date: 02101998
Comments: troleum hydro- carbons, cyanide, and TAL metals were detected in
Comments Date: 02101998
Comments: the soil, Groundwater beneath the sites was not addressed as pote
Comments Date: 07242002
Comments: ent at Building 307 or along the associated sewer alignment. As
Comments Date: 07242002
Comments: a result DTSC concurs with the recommendation of no further actio
Comments Date: 07242002
Comments: n for Building 307 and the associated sewer line.
Comments Date: 07251991
Comments: Active marine base with the mission to operate facilities
Comments Date: 07251991
Comments: and provide services & materials to support the operations
Comments Date: 07251991

Map ID
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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: of aviation activities. Contaminants include spent solvents
Comments Date: 07251991
Comments: (TCE, TCA, MEK), waste oils, fuels, and spent strippers.
Comments Date: 07261999
Comments: RA - SWMU131: The Navy submitted a Closure Report dated May 14, 1
Comments Date: 07261999
Comments: 999. The Navy also submitted a Supplement to the Closure Report
Comments Date: 07261999
Comments: dated June 16, 1999 pertaining to the laboratory analyses. The re
Comments Date: 07261999
Comments: port summarized the results of field activities conducted at the
Comments Date: 07261999
Comments: site. During the Preliminary Review / Visual Site Assessment a s
Comments Date: 07261999
Comments: tained area was observed at the site. Ten (10) soil samples (incl
Comments Date: 07261999
Comments: uding duplicates) were collected. The initial phase of sampling
Comments Date: 07261999
Comments: revealed the presence of semi-volatile organic compounds (SVOCs)
Comments Date: 07261999
Comments: in the soil. The remedial action contractor removed the top 2.5
Comments Date: 07261999
Comments: feet of soil around the contaminated boring location 131H1 (appro
Comments Date: 07261999
Comments: ximately five (5) cubic yard of potentially SVOC- contaminated so
Comments Date: 07261999
Comments: il). Also, three confirmation soil samples were collected within
Comments Date: 07261999
Comments: the soil removal area. Additionally five- confirmation soil sam
Comments Date: 07261999
Comments: ples at four and eight feet bags (including two duplicates) were
Comments Date: 07261999
Comments: collected within the excavation. Confirmation sampling analytical
Comments Date: 07261999
Comments: results were below residential cleanup goals. Based on the info
Comments Date: 07261999
Comments: rmation provided in the closure report, SWMU 131 has been adequat
Comments Date: 07261999
Comments: ely investigated for releases of hazardous wastes and constituent
Comments Date: 07261999
Comments: s.
Comments Date: 08022004
Comments: The Finding of Suitability to Lease (FOSL) for Carve-Outs Within
Comments Date: 08022004
Comments: Parcels I, II, and III (approximately 921 acres) documents enviro
Comments Date: 08022004
Comments: nmentally related findings that support the conclusion that porti
Comments Date: 08022004
Comments: ons of Parcels I, II and III at former Marine Corps Air Station E
Comments Date: 08022004
Comments: l Toro are suitable to lease through a lease in furtherance of co
Comments Date: 08022004
Comments: nveyance (LIFO). Properties identified in this FOSL (Carve-Outs
Comments Date: 08022004
Comments: within Parcels I, II and III) may be used in accordance with the
Comments Date: 08022004
Comments: terms of the leases, including specified use restrictions, with a

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments Date: 08022004
Comments: cceptable risk to human health and the environment and without in
Comments Date: 08022004
Comments: terference with the environmental restoration process. DTSC revi
Comments Date: 08022004
Comments: ewed and commented on several versions of the FOSL and submitted
Comments Date: 08022004
Comments: a letter of concurrence on July 23, 2004
Comments Date: 08022004
Comments: The Finding of Suitability to Transfer (FOST) for Parcel IV and P
Comments Date: 08022004
Comments: ortions of Parcels I, II, and III (Approximately 2,798 acres) doc
Comments Date: 08022004
Comments: uments the conclusion that real property made available through t
Comments Date: 08022004
Comments: he base realignment and closure (BRAC) process is environmentally
Comments Date: 08022004
Comments: suitable to transfer by deed for residential purposes, subject t
Comments Date: 08022004
Comments: o the notifications and restrictions set forth in Section 5.0 of
Comments Date: 08022004
Comments: the document, under Section 120(h) of the Comprehensive Environme
Comments Date: 08022004
Comments: ntal Response, Compensation, and Liability Act (CERCLA).FOST. DT
Comments Date: 08022004
Comments: SC reviewed and commented on several versions of the FOST and sub
Comments Date: 08022004
Comments: mitted a letter of concurrence on July 22, 2004.
Comments Date: 08101999
Comments: PEA - SWMU46: The Navy submitted a Closure Report dated May 28, 1
Comments Date: 08101999
Comments: 999 for SWMU46. The report summarized the result of field varifi
Comments Date: 08101999
Comments: cation activities conducted at the site. Also, the Navy submitte
Comments Date: 08101999
Comments: d a Supplement to the Closure Report dated July 30, 1999 pertaini
Comments Date: 08101999
Comments: ng to the risk characterization. The initial phase of sampling(a
Comments Date: 08101999
Comments: total of 8 samples collected at depths 2 & 5 feet bgs) revealed
Comments Date: 08101999
Comments: the presence of Total Petroleum Hydrocarbon(TPH). DTSC requested
Comments Date: 08101999
Comments: additional sampling of the site. A total of 12 soil samples wer
Comments Date: 08101999
Comments: e collected at depths of 8.5, 12, and 20.5 feet bgs from four loc
Comments Date: 08101999
Comments: ations. Based on the information provided in the closure report,
Comments Date: 08101999
Comments: SWMU 46 has been adequately investigated for releases of hazardo
Comments Date: 08101999
Comments: us wastes and constituents. The site-related residential cancer
Comments Date: 08101999
Comments: risk and non cancer hazard indexes are within the acceptable ran
Comments Date: 08101999
Comments: ges.
Comments Date: 08102004

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: PEA - APH46: The December 2003 Technical Memorandum Summary Report
Comments Date: 08102004
Comments: presents the results of an investigation at Aerial Photographic
Comments Date: 08102004
Comments: Anomaly (APHO) 46 and possible landfill area designated as Miscell
Comments Date: 08102004
Comments: aneous Refuse Area 2 (MSC R2) at the former MCAS El Toro. The De
Comments Date: 08102004
Comments: partment of Navy (DON) conducted a geophysical survey and a visual
Comments Date: 08102004
Comments: site inspection at APHO 46 and MSC R2. The field data collected
Comments Date: 08102004
Comments: at MSC R2 during the geophysical survey indicated that there is no
Comments Date: 08102004
Comments: evidence of waste placement or landfill activities at MSC R2. I
Comments Date: 08102004
Comments: n August 2002, eleven soil borings were collected from six locati
Comments Date: 08102004
Comments: ons within APHO 46 and analyzed for volatile organic compounds (VO
Comments Date: 08102004
Comments: Cs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel
Comments Date: 08102004
Comments: and motor oil, organochlorine pesticides, polychlorinated bipheny
Comments Date: 08102004
Comments: ls (PCBs), chlorinated herbicides, metals, and dioxins. Also, in
Comments Date: 08102004
Comments: response to regulatory agencies request, the DON collected additi
Comments Date: 08102004
Comments: onal seven soil samples from four locations at APHO 46 and analyz
Comments Date: 08102004
Comments: ed for dioxins in September 2003. APHO 46 is located in the eas
Comments Date: 08102004
Comments: tern portion of MCAS El Toro and constitutes an open unpaved area
Comments Date: 08102004
Comments: adjacent to IRP Site 5 and northeast of golf course. APHO 46 wa
Comments Date: 08102004
Comments: s identified during a review of historical photographs dated Feb
Comments Date: 08102004
Comments: ruary 4, 1979. MSC R2 was identified based on personnel interview
Comments Date: 08102004
Comments: s conducted as part of the 1995 Environmental Baseline Survey (EB
Comments Date: 08102004
Comments: S) for MCAS El Toro. The EBS reported the presence of a former r
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CA6170023208
ID Name: BEP DATABASE PCODE
ID Value: P42088
Alternate Name: MCAS EL TORO; GROUNDWATER EL TORO MARINE BASE EL TORO MCAS
Special Programs Code: BRAC3
Special Programs Name: BASE REALIGNMENT & CLOSURE, 3RD ROUND
Special Programs Code: DSMOA
Special Programs Name: DEFENSE MEMORANDUM OF AGREEMENT

CORTESE:

Region: CORTESE
Envirostor Id: 30970003
Site/Facility Type: FEDERAL SUPERFUND - LISTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 05/01/1986
Site Code: 400055
Latitude: 33.683055
Longitude: -117.73388
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: export
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

DEED:

Area: OU-3
Sub Area: 16
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Deed Date(s): 05/05/2010

ENVIROSTOR:

Site Type: Federal Superfund
Site Type Detailed: Closed Base
Acres: 4712
NPL: YES
Regulatory Agencies: SMBRP, RWQCB 8 - Santa Ana, US EPA
Lead Agency: US EPA
Program Manager: Quang Than
Supervisor: Thomas Cota
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 30970003
Site Code: 400055
Assembly: 68
Senate: 37
Special Program: Navy
Status: Active
Status Date: 05/01/1986
Restricted Use: YES
Site Mgmt. Req.: NONE SPECIFIED
Funding: BRAC 93
Latitude: 33.68305
Longitude: -117.7338
APN: NONE SPECIFIED
Past Use: AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, EQUIPMENT/INSTRUMENT REPAIR, FIRE TRAINING AREAS, AIRCRAFT MAINTENANCE, FUEL - AIRCRAFT STORAGE/ REFUELING
Potential COC: 10097, 10002, 10003, 10087, 10088, 10199, 30001, 30009, 30015, 30017, 30018, 30024, 30025, 3002502, 30027, 30032, 30018, 30019, 30020, 30470, 30472
Confirmed COC: 10002-NO,10003-NO,10087-NO,10088-NO,10097-NO,10199-NO,, ,30017,30024,30025,30027,3002502,, ,30470,30472,30018,30019,30020
Potential Description: OTH, SOIL, SURFW, SOIL

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Alias Name:	EL TORO MARINE BASE
Alias Type:	Alternate Name
Alias Name:	MCAS EL TORO; GROUNDWATER
Alias Type:	Alternate Name
Alias Name:	CA6170023208
Alias Type:	EPA Identification Number
Alias Name:	110033616219
Alias Type:	EPA (FRS #)
Alias Name:	T0605900514
Alias Type:	GeoTracker Global ID
Alias Name:	T0605900608
Alias Type:	GeoTracker Global ID
Alias Name:	T0605900619
Alias Type:	GeoTracker Global ID
Alias Name:	T0605900818
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901113
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901125
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901128
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901129
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901130
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901131
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901132
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901293
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901323
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901447
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901448
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901449
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901450
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901459
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901895
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901950
Alias Type:	GeoTracker Global ID
Alias Name:	T0605901968
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902006
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902014
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902015
Alias Type:	GeoTracker Global ID
Alias Name:	T0605902016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Alias Type: GeoTracker Global ID
Alias Name: T0605902017
Alias Type: GeoTracker Global ID
Alias Name: T0605902018
Alias Type: GeoTracker Global ID
Alias Name: T0605902034
Alias Type: GeoTracker Global ID
Alias Name: T0605902117
Alias Type: GeoTracker Global ID
Alias Name: T0605902118
Alias Type: GeoTracker Global ID
Alias Name: T0605902119
Alias Type: GeoTracker Global ID
Alias Name: T0605902152
Alias Type: GeoTracker Global ID
Alias Name: T0605902154
Alias Type: GeoTracker Global ID
Alias Name: T0605902175
Alias Type: GeoTracker Global ID
Alias Name: T0605902226
Alias Type: GeoTracker Global ID
Alias Name: T0605902242
Alias Type: GeoTracker Global ID
Alias Name: T0605902271
Alias Type: GeoTracker Global ID
Alias Name: T0605902272
Alias Type: GeoTracker Global ID
Alias Name: T0605902276
Alias Type: GeoTracker Global ID
Alias Name: T0605902287
Alias Type: GeoTracker Global ID
Alias Name: T0605953189
Alias Type: GeoTracker Global ID
Alias Name: T0605964530
Alias Type: GeoTracker Global ID
Alias Name: T0605999005
Alias Type: GeoTracker Global ID
Alias Name: T0605999094
Alias Type: GeoTracker Global ID
Alias Name: T0605999095
Alias Type: GeoTracker Global ID
Alias Name: T0605999130
Alias Type: GeoTracker Global ID
Alias Name: T0607199279
Alias Type: GeoTracker Global ID
Alias Name: T0607199280
Alias Type: GeoTracker Global ID
Alias Name: P42088
Alias Type: PCode
Alias Name: 16582
Alias Type: RB-PCA
Alias Name: 400055
Alias Type: Project Code (Site Code)
Alias Name: 30970003
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: OU-2B

Map ID
Direction
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Site

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EPA ID Number

EL TORO MCAS (Continued)

S101272791

Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Long Term Monitoring Report
Completed Date: 03/02/2012
Comments: Not reported

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/08/2012
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 8 & 12
Completed Document Type: Removal Action Completion Report
Completed Date: 06/12/2012
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 05/31/2011
Comments: Not reported

Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 06/02/2011
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/17/2011
Comments: Not reported

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/13/2011
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TK761
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/23/2003
Comments: PEA-TK761: OWS 761A had a capacity of approximately 100 gallons and UST 761B had a capacity of approximately 500 gallons. The tanks were installed in 1982 and received waste oil until they were removed from the site in February 2000. The Navy submitted a Site Assessment Report Addendum on August 21, 2003. The document describes the additional May 2003 field activities and results for site assessment performed at SWMU 205 and SWMU 206. One additional boring was performed to further investigate the site because three previous soil borings were not located directly at the location of the former UST and OWS. The submittal is an addendum to the December 2002 Site Assessment Report for SWMU 205 and SWMU 206. ' Based on the results from the 2002 site assessment, the sampling analytical results were

MAP FINDINGS

EL TORO MCAS (Continued)

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below residential cleanup goals. DTSC concurs with the findings and conclusions of the closure report.

Completed Area Name: OU-3
 Completed Sub Area Name: 8 & 12
 Completed Document Type: Design/Implementation Workplan
 Completed Date: 02/11/2009
 Comments: DTSC gave a conditional concurrence to the RD/RA Work Plan on February 11, 2009. The condition is that unrestricted use of the site can only allowed after the risk-based cleanup goals specified in the Record of Decision have been attained.

Completed Area Name: Sites With No Operable Unit
 Completed Sub Area Name: 765AB
 Completed Document Type: Preliminary Endangerment Assessment Report
 Completed Date: 10/07/2004
 Comments: PEA - 765AB: The October 2, 2003 closure report for Underground Storage Tank (UST) 765A and Oil Water Separator (OWS) 765B (also referenced as Solid Waste Management Unit (SWMU) 217 and SWMU 218) was submitted to comply with a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action requirements for El Toro. UST 765A and OWS 765B were removed on December 14, 1998 and the closure report summarizes the results of additional soil samples collected in August 2003. The samples were analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, and metals from the shallow soil borings. UST 765A and OWS 765B are located near the intersection of West Marine Way and 7th Street in the northeast quadrant of the Station) were identified during the development of the RFA prepared for El Toro. UST 765A was a 185-gallon steel tank used to store waste oil residue received from OWS 765B (a 100-gallon capacity steel tank). Based on the review of this closure report and supplemental information received on November 10, 2003, we agree with the Navy+s recommendation of no further action for UST 765A/OWS 765B. A copy of the approval letter is attached.

Completed Area Name: Sites With No Operable Unit
 Completed Sub Area Name: APHO46
 Completed Document Type: Preliminary Endangerment Assessment Report
 Completed Date: 08/10/2004
 Comments: PEA - APH46: The December 2003 Technical Memorandum Summary Report presents the results of an investigation at Aerial Photographic Anomaly (APHO) 46 and possible landfill area designated as Miscellaneous Refuse Area 2 (MSC R2) at the former MCAS El Toro. The Department of Navy (DON) conducted a geophysical survey and a visual site inspection at APHO 46 and MSC R2. The field data collected at MSC R2 during the geophysical survey indicated that there is no evidence of waste placement or landfill activities at MSC R2. In August 2002, eleven soil borings were collected from six locations within APHO 46 and analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel and motor oil, organochlorine pesticides, polychlorinated biphenyls (PCBs), chlorinated herbicides, metals, and dioxins. Also, in response to regulatory agencies request, the DON collected additional seven soil samples from four locations at APHO 46 and analyzed for dioxins in September 2003. ' APHO 46 is located in the eastern portion of MCAS El Toro and constitutes an open unpaved area adjacent to IRP Site 5

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and northeast of golf course. APHO 46 was identified during a review of historical photographs dated February 4, 1979. MSC R2 was identified based on personnel interviews conducted as part of the 1995 Environmental Baseline Survey (EBS) for MCAS El Toro. The EBS reported the presence of a former refuse area (approximately 300 x 300 feet) designated as MSC R2at the southwestern end of IRP Site 5 and the golf course trail. ' Based on our review, we agree with the Navy's recommended no further action for APHO 46 and MSC R2 pending the results of radiological assessment of APHO 46.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: APHO6
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/21/2002
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: T359B
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/21/2002
Comments: PEA - APHO6: The Navy submitted a Summary Report for APHO 6 on March 19, 2002. The report summarizes the results of field activities conducted at the site. Field activities conducted at the site included a geophysical survey, verification soil sampling and a land survey. A total of 18 soil samples were collected from five borings located within the slurry beds. Samples were collected at depths ranging from 5 to 20 feet below ground surface (bgs) from each boring. Pesticides and metals above background concentrations were detected in some of the soil samples. However, the screening risk assessment for the residential scenario demonstrated that the site-related cancer risk and hazard index are below the respective screening values. DTSC therefore concurs with the recommendation for no further action for APHO 6. ' PEA - T359B: The Navy submitted a Closure Report for TAA 359B on March 19, 2002. The report summarizes the results of confirmation soil sampling, A total of 10 soil samples were collected from five borings placed in and around the TAA. Samples were collected at 18 and 36 inches below ground surface (bgs) from each boring. Total petroleum hydrocarbons and various metals above background concentrations were detected. However, the screening risk assessment for the residential scenario demonstrated that the site-related cancer risk and hazard index are below the respective screening values. Additionally, lead concentrations detected above background were evaluated using LeadSpread. Based on the results of the screening risk assessment and lead evaluation, DTSC concurs with the findings and conclusions of the closure report and approves closure of TAA 359B.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA626
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/22/2002
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA529
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/22/2002

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Direction
Distance
Elevation

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EL TORO MCAS (Continued)

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Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA778
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/22/2002
Comments: PEA - TA529: The Navy submitted a Revised Closure Report for TAA 529 on January 5, 2001. The report summarizes the results of field activities conducted at the site. Field activities conducted at the site included a site inspection, confirmation soil sampling, and waste management. A total of 11 soil samples were collected from six borings placed in and around the TAA. Samples were collected at 18 and 36 inches below ground surface (bgs) from each boring, except for one boring where a sample was only collected at 18 inch bgs. Pesticides and metals were detected in some of the soil samples; however, the screening risk assessment for the residential scenario demonstrated that the site-related cancer risk and hazard index are below the respective screening values. DTSC therefore concurs with the findings and conclusions of the closure report and the site can be considered closed. ' PEA - TA626: The Navy submitted a Closure Report for TAA 626 on August 15, 2001. The report summarizes the results of historical information review and site inspections. The Draft Final Record of Decision, Operable Units 2A and 3A, No Action Sites, Marine Corps Air Station, El Toro, California, dated September 1997 was signed by the Federal Facility Agreement signatories. This ROD included a decision of no action for Installation Restoration Program Site 20 based on field investigations, laboratory analyses, and an assessment of potential risk to human health. Since TAA 626 is located within the investigation boundary of Unit 4 of Installation Restoration Program Site 20, DTSC concurs with the recommended designation of no further action for TAA 626 and the site can be considered closed. ' PEA - TA778: The Navy submitted a Closure Report for TAA 778 on March 21, 2001. The report summarizes the results of field activities conducted at the site. Field activities conducted at the site included a site inspection, confirmation soil sampling, and waste management. A total of 23 soil samples were collected from six borings placed in and around the TAA. Samples were collected at 18 and 36 inches below ground surface (bgs) from each boring. The total number of samples includes additional samples collected at the same locations and depths since the holding time for analysis of semi-volatile organic compounds. Total petroleum hydrocarbons, semi-volatile organic compounds, pesticides and metals were detected in some of the soil samples; however, the screening risk assessment for the residential scenario demonstrated that the site-related cancer risk and hazard index are below the respective screening values. DTSC therefore concurs with the findings and conclusions of the closure report and the site can be considered closed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: B307
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/24/2002
Comments: PEA - B307: The Navy submitted a draft Technical Memorandum for the Preliminary Assessment of Building 307 in October 2001. The report was subsequently finalized in July 2002. The report presents the results of a preliminary assessment performed inside Building 307 and

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Elevation

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EL TORO MCAS (Continued)

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along the adjacent sewer line extending to the former sewage disposal plant. Preliminary assessment activities included the collection an analysis of soil gas, soil, and groundwater samples throughout the investigation area. A total of 88 soil gas samples were collected and analyzed for volatile organic compounds (VOCs). Low levels of VOCs were detected in some of the soil gas samples; however, VOCs were not detected in any of the six soil samples collected to coincide with the highest detected soil gas concentrations. Trichloroethene concentrations detected in all three groundwater samples are consistent with the concentrations detected in the underlying groundwater plume associated with Installation Restoration Program Site 24. Based on review of the document, there has not been a significant release to the environment at Building 307 or along the associated sewer alignment. As a result DTSC concurs with the recommendation of no further action for Building 307 and the associated sewer line.

Completed Area Name: OU-3
Completed Sub Area Name: 1 Soil
Completed Document Type: *Action Memorandum (if <\$1M)
Completed Date: 01/16/2002
Comments: RAW - OU31: The department of the Navy prepared a Final Work Plan for Ordnance and Explosives (OE) Range Evaluation for IRP Site 1. The Work Plan details the objectives and procedures to conduct a range evaluation that will be conducted concurrently with the phase II Remedial Investigation (RI) and will also be used to provide OE safety and clearance support during the RI. The Work Plan includes procedures to blow-in-place unstable OE and to consolidate and detonate stable OE that may be encountered. This Work Plan meets the substantive requirements of a Removal Action Work Plan (RAW) and the conditions, specified in California Health and Safety Code, Chapter 6.8 Section 25358.9(a), for exclusion from hazardous waste facility permit requirements. Additionally, a public notice was distributed and the Work Plan was release for a 30-day public comment period extending from November 3 through December 3, 2001. As a result, DTSC approved this Final Work Plan that meets the substantive requirements of a RAW.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA307
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2001
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: P5A2
Completed Document Type: Environmental Baseline Survey
Completed Date: 10/15/2001
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Remedial Action Plan
Completed Date: 10/03/2003
Comments: RAP - OU316: The ROD addresses cleanup of TCE in groundwater. No further action is recommended for shallow soil (0 foot to 10 feet below ground surface). The contamination present in the vadose zone

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EL TORO MCAS (Continued)

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(10 feet to groundwater) was shown to have potential to impact groundwater above drinking water standards. The study was conducted to implement a pilot scale for multiple phase extraction. The study reduced to the extent that the levels they are not likely to impact groundwater above drinking water standards. The selected remedial alternative for remediation of groundwater and the vadose zone include monitored natural attenuation, institutional controls, vadose zone monitoring, and grading.

Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/10/2009
Comments: The Final Work Plan was prepared using the change-out page package to convert the Draft Final WP to Final. DTSC accepts the Final Work Plan as written on September 10, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 08/19/2004
Comments: The Department of Toxic Substances Control (DTSC) made a determination that corrective action has been completed for approximately 2800 acres of property at the former Marine Corps Air Station (MCAS) El Toro. DTSC utilized the July 2004 Final Finding Of Suitability to Transfer (FOST) (Parcel IV and Portions of Parcels I, II, and III) to make a decision on the Resource Conservation and Recovery Act (RCRA) Corrective Action Complete Determination and a RCRA Hazardous Waste Facility Boundary Modification at the former MCAS El Toro. These parcels were subject to corrective action requirements of the California Hazardous Waste Control Law and the federal Resource Conservation and Recovery Act (RCRA) because they were part of the property of MCAS El Toro, which is an inactive RCRA hazardous waste facility. The RCRA corrective action requirements for the FOST parcels have been completed through investigation and cleanup actions overseen by DTSC, the Regional Water Quality Control Board, Santa Ana Region (RWQCB) and the United States Environmental Protection Agency (US EPA) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and by underground/aboveground storage tank investigation and cleanup actions overseen by the RWQCB and Orange County Health Care Agency. The FOST documents environmental findings to support that the property proposed for transfer is suitable for transfer by deed and documents that corrective action has been conducted for all hazardous waste, hazardous substance and hazardous constituent releases identified by previous environmental assessments and that those actions were conducted to adequately protect human health, safety and the environment. DTSC has determined that there are no RCRA-regulated hazardous waste treatment, storage or disposal units existing in the parcels proposed for deed transfer. In addition, the following locations of concern have been identified and addressed within the parcels proposed for deed transfer: 1) 113 hazardous substance and IRP locations of concern that received regulatory concurrence for No Further Action decisions, 2) 211 aboveground and underground storage tank sites that received regulatory closure letters, and 3) 106 other locations which were evaluated for presence of PCBs, or other miscellaneous hazardous materials. A

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EL TORO MCAS (Continued)

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copy of the Corrective Action Completion Determination and Boundary Modification approval letter is attached.

Completed Area Name: OU-3
Completed Sub Area Name: 11
Completed Document Type: Certification
Completed Date: 12/06/2005
Comments: IRP Site 11, formerly a transformer storage area, located in the southwest quadrant of the base consists of three units. Unit 1 is a concrete pad approximately 30 feet by 30 feet with a 3 feet wide strip of ground adjacent to it. Unit 2 consists of an asphalt lined drainage ditch parallel to N Street at the northern boundary. Unit 3 is the remainder of the fenced, unpaved storage yard behind Building 369. Site 11 was used as a maintenance and storage yard for transformers from approximately 1968 to 1983. A reported leak of polychlorinated biphenyl (PCB) transformer oil at the site lead to a remedial action evaluation. The remedial action began on July 4, 2005. The concrete pad at Unit 1 and asphalt lined drainage ditch at Unit 2 were removed. The soil was excavated to a depth of 2 to 3 feet below ground surface (bgs) except in a portion of Unit 2, approximately 25 feet in length, where soil was excavated to approximately 6 feet bgs. Confirmation sampling at the excavated bottom and side walls indicated the presence of PCB constituent Aroclor 1260 above the target cleanup goal in one confirmation sample at the southeastern portion of Unit 1. Additional soil excavated to 4 feet bgs was conducted in the vicinity of the southeastern portion, approximately 25 foot by 25 foot area, of Unit 1. Confirmation sampling taken showed no constituents of concern were above their target cleanup goals. Approximately 560 tons of contaminated soil was transported to Kettleman Hills Disposal Facility. Sand, cement slurry, and base were used to backfill the excavated areas and compacted after confirmation sampling indicated contaminated soil was removed. Based on these findings, DTSC certifies that all necessary remedial actions have been completed at this site.

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 08/10/2005
Comments: The Department of Toxic Substances Control (DTSC) prepared a Resource Conservation and Recovery Act (RCRA) Corrective Action Complete Determination (RCACD) and a RCRA Hazardous Waste Facility Boundary Modification at the former Marine Corps Air Station (MCAS) El Toro. DTSC utilized the Finding of Suitability to Transfer No.2 (FOST 2) (Portions of Parcels II and III) to make a decision on the RCACD. These parcels (approximately 8 acres) were subject to corrective action requirements of the California Hazardous Waste Control Law and the federal Resource Conservation and Recovery Act (RCRA) because they were part of the property of MCAS El Toro, which is an inactive RCRA hazardous waste facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/03/1981
Comments: Facility Identified: List 29 GRP2 located at Borrego Canyon. List 30 GRP2 & GRP3 (5 acres) located south of Irvine Blvd and Trabuco Rd.

Map ID
Direction
Distance
Elevation

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Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 07/23/2004
Comments: CEQA - NOE1: The Department of Toxic Substances Control (DTSC) prepared a Notice of Exemption (NOE) under the California Environmental Quality Act (CEQA) for the Resource Conservation and Recovery Act (RCRA) Corrective Action Complete Determination (RCACD) and a RCRA Hazardous Waste Facility Boundary Modification at the former Marine Corps Air Station (MCAS) El Toro. DTSC utilized the Finding of Suitability to Transfer (FOST) (Parcel IV and Portions of Parcels I,II, and III) to make a decision on the RCACD. These parcels were subject to corrective action requirements of the California Hazardous Waste Control Law and the federal Resource Conservation and Recovery Act (RCRA) because they were part of the property of MCAS El Toro, which is an inactive RCRA hazardous waste facility. MCAS El Toro had a RCRA permit that expired in 2003. The project is exempt because it does not involve any physical activities at the former MCAS El Toro. The project is an administrative decision by DTSC that previously completed investigations and cleanup activities conducted under the regulatory oversight of DTSC, the United States Environmental Protection Agency, the Regional Water Quality Control Board, Santa Ana Region, and the Orange County Health Care Agency, on the property identified in the FOST, have satisfied the corrective action requirements under RCRA and California Hazardous Waste Control Law. The boundary defining the former MCAS El Toro hazardous waste facility has been modified to exclude the FOST property. No offsite impacts will occur as a result of moving the facility boundaries.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Federal Facility Agreement
Completed Date: 09/27/1990
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Land Use Restriction
Completed Date: 05/05/2010
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Operations and Maintenance Plan
Completed Date: 04/01/2009
Comments: DTSC concurred with the Final O&M Plan on April 1, 2009. The comments DTSC had on the draft and draft final Plan have been acceptably responded to by the Navy and the responses have been adequately incorporated into the final Plan.

Completed Area Name: OU-2B
Completed Sub Area Name: Not reported
Completed Document Type: * Remedial or Removal Design
Completed Date: 11/01/2005
Comments: Completed after resolution of radiological component and other studies that caused the delay in 2004.

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Elevation

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Database(s)

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EL TORO MCAS (Continued)

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Completed Area Name: OU-2A
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/27/2002
Comments: Not reported

Completed Area Name: OU-1
Completed Sub Area Name: 18
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/07/2008
Comments: After receiving the new cover pages and signature pages for the Shallow Groundwater Unit (SGU) Treatment System and Principal Aquifer Plant (PAP) Operation and Maintenance (O&M) Manuals, DTSC concurs with the Manuals as written. The Manuals document the procedures to operate and maintain the SGU Treatment System and the PAP, including operations, sampling, inspection, and routine maintenance. The SGU Treatment System and PAP are also referred to as the Irvine Desalter Project.

Completed Area Name: OU-1
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/27/2002
Comments: RAP - OU1 and OU2A: The Department of the Navy prepared the Final Record of Decision, Operable Unit 1, Sites 18 - Regional Volatile Organic Compound Groundwater Plume and Operable Unit 2A, Site 24- VOC Source Area, Former Marine Corps Air Station El Toro, California, dated June 2002 (ROD). The ROD presents the selected remedial action for groundwater contaminated with volatile organic compounds (VOCs) at two related sites, Operable Unit(OU)1 - Site 18 and OU2A - Site 24. The ROD addresses groundwater at Site 18 and 24 together because VOCs in the regional groundwater (Site 18) and in the shallow groundwater (Site 24) originated from a release to surface or subsurface soils at Site 24. The remedy includes groundwater extraction, performance monitoring during the remedial action, treatment of VOC-contaminated ground- water using air stripping and treatment of VOC vapors with activated carbon at the Irvin Desalter Plant, confirmatory groundwater sampling at the end of remediation, and institutional controls to prevent use of contaminated groundwater, protect equipment and allow access for the Department of the Navy, United Staes Environmental Protection Agency, Department of Toxic Substances Control and the California Regional Water Quality Control Board.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MSTR
Completed Document Type: Finding of Suitability to Lease
Completed Date: 04/17/2001
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Feasibility Study Report
Completed Date: 09/26/2002
Comments: RIFS - OU316: The Department of the Navy prepared the Draft Final Phase II Remedial Investigation Report OU-3A. Marine Corps Air Station El Toro, California, dated June 1997 (RI), that included Site

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16. Subsequently, the Final Phase II Focused Feasibility Study Report, OU-3, Site 16 Crash Crew Training Pit No. 2, Former Marine Corps Air Station, El Toro, California, was prepared in August 2002. The objectives for remediation include monitoring volatile organic compounds (VOCs) in the vadose zone, restoring beneficial uses of the shallow groundwater aquifer, and preventing use of groundwater contaminated with VOCs. During the feasibility study, a pilot study to evaluate the effectiveness of multi-phase extraction (MPE) was conducted. Based upon the results of the study, it was determined that although MPE effectively removed contaminants from soil, it was ineffective for groundwater extraction due to the site-specific geology. As a result, based on the site conditions and results of MPE pilot study, the alternatives considered for groundwater include monitored natural attenuation and hydraulic containment. Following review of the Focused Feasibility Study Report, DTSC concurs with the findings.

Completed Area Name: OU-3
Completed Sub Area Name: 7
Completed Document Type: Remedial Action Plan
Completed Date: 07/13/2001
Comments: RAP - OU37 (OU-3, Site 7 and 14): The ROD for OU-3, Site 7 and 14 was issued on April 23, 2001 and signed by DTSC on June 18, 2001. The ROD documents the selected remedy for Sites 7 and 14. The selected remedy for Sites 7 and 14 is no action based on extensive field investigations, laboratory analyses and a thorough assessment of potential human-health risks at each location. The remedial investigation showed that site-related contamination is limited to the shallow soil interval (0 to 10 feet below ground surface). The human-health risk assessment shows that the contaminants detected in soil do not present an unacceptable risk to human health. Although shallow groundwater underlying these sites is contaminated by volatile organic compounds, remedial investigations have shown that the groundwater contamination does not originate from Sites 7 or 14. Groundwater cleanup, including use restrictions that prohibit drilling of wells and /or extraction of groundwater and allow access for monitoring and maintenance of equipment associated with groundwater remediation, will be addressed in the Proposed Plan and ROD for Sites 18 and 24.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: P5A2
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 10/15/2001
Comments: FOST - P5A2: The Department of the Navy prepared a Federal Agency -to-Agency Property Transfer, Environmental Summary Document for Parcel 5a2 (IRP Site 1) to be transferred to the FBI. Upon transfer, the FBI plans to use the property for purposes similar in nature to past use as an EOD Range. An approximately 3.3-acre area (Subparcel) was determined to be environmental condition area type 3 and is available for immediate use by the FBI upon transfer. However, access to the remaining portion of the IRP Site 1 (about 70.4 additional acres), designated as environmental condition type 6, will be restricted until completion of the CERCLA process. Although the property contains some level of contamination by hazardous substances or petroleum products, it is environmentally suitable for transfer to another federal agency for the proposed use (as an EOD Range), with

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acceptable risk to human health and the environment. The transfer is subject to restrictions identified in the FOST. ' SSEBS - P5A2: The Department of the Navy prepared a Site-Specific Environmental Baseline Survey Report for Parcel 5a2 (IRP Site 1) to document the environmental condition of property. Parcel 5a2 is anticipated to be transferred to the FBI. Upon transfer, the FBI plans to use the property for purposes similar in nature to past use as an EOD Range. A majority of the parcel has been designated as environmental condition type 6 that is currently undergoing a CERCLA remedial investigation. An approximately 3.3-acre area (Subparcel) was determined to be environmental condition area type 3. Some dioxins, furans, and explosive constituents were detected in soil samples collected from the Subparcel; however, concentrations do not require a removal or remedial action.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SW131
Completed Document Type: Removal Action Completion Report
Completed Date: 07/26/1999
Comments: RA - SWMU131: The Navy submitted a Closure Report dated May 14, 1999. The Navy also submitted a Supplement to the Closure Report dated June 16, 1999 pertaining to the laboratory analyses. The report summarized the results of field activities conducted at the site. During the Preliminary Review / Visual Site Assessment a stained area was observed at the site. Ten (10) soil samples (including duplicates) were collected. The initial phase of sampling revealed the presence of semi-volatile organic compounds (SVOCs) in the soil. The remedial action contractor removed the top 2.5 feet of soil around the contaminated boring location 131H1 (approximately five (5) cubic yard of potentially SVOC- contaminated soil). Also, three confirmation soil samples were collected within the soil removal area. Additionally five- confirmation soil samples at four and eight feet bags (including two duplicates) were collected within the excavation. Confirmation sampling analytical results were below residential cleanup goals. Based on the information provided in the closure report, SWMU 131 has been adequately investigated for releases of hazardous wastes and constituents.

Completed Area Name: OU-2A
Completed Sub Area Name: SOIL
Completed Document Type: Removal Action Completion Report
Completed Date: 08/13/2002
Comments: RA - OU2AS: To address the volatile organic compound (VOC) source areas associated with Installation Restoration Program(IRP) Site 24, soil vapor extraction was selected as the interim remedy in the "Draft Final Interim Record of Decision, OU-2A, Site 24 VOC Source Area, Vadose Zone," dated 1997 (Interim ROD). Following completion of the remedial action the Department of the Navy prepared the "Draft Final Site Closure Report, Vadose Zone Remediation, IRP Site 24, Volatile Organic Compounds Source Area. Former Marine Corps Air Station El Toro, California," dated June 2002. The report presents the results of vadose zone remediation at IRP Site 24. The remedial action objectives to reduce concentrations of VOCs in the sources areas to prevent or minimize further degradation of the shallow groundwater unit above the maximum contaminant levels (MCLs) for drinking water and to continue vadose zone remediation until VOC soil gas concentrations are below the established threshold

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concentrations capable of contaminating the shallow groundwater unit above MCLs. Based upon review of the draft final document, the remedial action objectives have been achieved and as a result, DTSC concurs with the recommendation for closure and completion of the Site 24 vadose zone remediation.

Completed Area Name: OU-3
 Completed Sub Area Name: 25
 Completed Document Type: Remedial Action Plan
 Completed Date: 09/30/1997
 Comments: Not reported

Completed Area Name: OU-2C
 Completed Sub Area Name: 5
 Completed Document Type: Feasibility Study Report
 Completed Date: 11/04/1997
 Comments: Not reported

Completed Area Name: OU-2C
 Completed Sub Area Name: 3
 Completed Document Type: Feasibility Study Report
 Completed Date: 10/28/1997
 Comments: Not reported

Completed Area Name: OU-2B
 Completed Sub Area Name: Not reported
 Completed Document Type: Finding of Suitability to Transfer
 Completed Date: 04/17/2001
 Comments: FOST - OU2B (Site 2 and 17): The Department of the Navy prepared a Federal Agency-to-Agency Property Transfer Environmental Summary Document for Parcel 5a1 to be transferred to the FAA. The environmental condition of Parcel 5a1 is area type 1 with the exception of the following: Sites 2 and 17 (type 5), UST 568(type2), USTs 9001 and 9002 (type 4), APHO 44 (type 7), OWS 806 (type 4), and Pistol Range (type 7). Although the property contains some level of contamination by hazardous substances or petroleum products, it is environmentally suitable for transfer to another federal agency for the proposed use (as a habitat area), with acceptable risk to human health and the environment. The transfer is subject to restrictions identified in the FOST. Additionally, a memorandum of agreement between the FAA and United States Fish and Wildlife Service ensures that FAA will manage property consistent with its value to endemic wildlife species. ' FOSL - MSTR:The Department of the Navy prepared a FOSL to support a master lease with the Local Redevelopment Authority (LRA). The entire Station (fenceline-to-fenceline), consisting of approximately 3,731 acres, will be lease to the LRA. This includes Parcels 2a,2b, 6d, 8, 9b, 10a, 10b, 11a, 11b, 12h, 12i, 12j, 13f and 16. Parcels 5a, 13e, and a portion of 12b are specifically excluded from the lease. The Station includes administrative, recreational, housing, automotive maintenance, public works, airfield, warehouse, and utility system facilities. The FOSL documents that the Station can be leased to Orange County for use or sublease in a manner protective of human health and the environment subject to the restrictions identified. Facilities with restrictions will not be included in the lease, however, they will be maintained by the LRA in a layaway status whereby they are secured from access. These facilities may be added to the lease for use once the restrictions

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are lifted via the execution of a Lease Restriction Revision Form, indicating that the property is environmentally suitable for lease.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: AP07
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: AP06
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: AP05
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: AP04
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: AP03
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2000
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: AP01
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2000
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 11
Completed Document Type: Remedial Action Plan
Completed Date: 02/15/2000
Comments: RAP - OU311 (OU3, Site 11): The Record of Decision (ROD) for OU-3, Site 11 (Transformer Storage Area) was issued on September 30, 1999 and signed by DTSC on October 1, 1999. The ROD documents the selected remedial action for each of the Units. No action is documented as the selected remedial action for Unit 3 of IRP Site 11. The Navy has determined that the existing condition of IRP Site 11 Unit 3 is protective of human health and the environment since both cancer and noncancer risks are within the range considered allowable by the United States Environmental Protection Agency (EPA). The ROD documents remedial action for Units 1 and 2 of IRP Site 11. The selected remedy consists of excavation of contaminated soil above the estimated residential risk-based concentrations and disposal at an appropriate off- Station facility. Once the contaminated soil has been removed, both cancer and noncancer risks will be within the

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range considered allowable by EPA and will be protective of human health and the environment. Deed restrictions are not required for IRP Site 11. ' PEA - AP01 (APHO 5, APHO 18, APHO 4, APHO 33 and APHO 2), AP03 (APHO 19, APHO 7, APHO 17, APHO 29 and APHO 52), AP04 (APHO 3, APHO 25, APHO 37, APHO 28 and APHO 10), AP05 (APHO 35, APHO 9, APHO 30, APHO 8 and APHO 41), AP06 (APHO 50, APHO 53, APHO 36, APHO 39 and APHO 49), and APO7 (APHO 16, APHO 34, APHO 26, APHO 40 and APHO 12). The Summary Report for each aerial photograph anomaly presents the results of record search activities and visual inspection of the vicinity. Each report recommends a no further action status for the aerial photograph anomaly based on evaluation of field inspection results, environmental program documents, and historical property records.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SWM46
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/10/1999
Comments: PEA - SWMU46: The Navy submitted a Closure Report dated May 28, 1999 for SWMU46. The report summarized the result of field varification activities conducted at the site. Also, the Navy submitted a Supplement to the Closure Report dated July 30, 1999 pertaining to the risk characterization. The initial phase of sampling(a total of 8 samples collected at depths 2 & 5 feet bgs) revealed the presence of Total Petroleum Hydrocarbon(TPH). DTSC requested additional sampling of the site. A total of 12 soil samples were collected at depths of 8.5, 12, and 20.5 feet bgs from four locations. Based on the information provided in the closure report, SWMU 46 has been adequately investigated for releases of hazardous wastes and constituents. ' The site-related residential cancer risk and non cancer hazard indexes are within the acceptable ranges.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: GOLFC
Completed Document Type: Finding of Suitability to Lease
Completed Date: 06/11/1999
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SWMU7
Completed Document Type: Removal Action Completion Report
Completed Date: 04/08/1999
Comments: SWMU7

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SW244
Completed Document Type: Removal Action Completion Report
Completed Date: 04/08/1999
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 17
Completed Document Type: Removal Action Completion Report
Completed Date: 08/13/1998
Comments: O2B17

Completed Area Name: OU-2B

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Completed Sub Area Name: 2
Completed Document Type: Removal Action Completion Report
Completed Date: 08/13/1998
Comments: OU2B2

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA314
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/16/1999
Comments: Not reported

Completed Area Name: OU-1
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 04/06/1998
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 390AB
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/10/1999
Comments: PEA - 390AB (TAA390A & 390B): The Navy submitted a Closure Report dated May 4, 1999 for TAA 390A and 390B. The report summarized the results of field activities conducted at the sites. Field activities conducted at the sites included site inspections, a geophysical surveys, site decontamination, confirmation soil sampling, rinsate sampling, and waste management. A total of 4 soil samples were collected at two depths; 18 inches & 36 inches below ground surface from 2 locations at TAA 390A. Also, total of 18 soil samples were collected at two depths below ground surface from 9 location at TAA 390B. Equipment rinsate, lab duplicate sampling, trip blank, lab duplicate, lab matrix spike/ spike duplicate samples were also collected. Based on the information provided in the closure report, TAAs 390A and 390B have been adequately investigated for releases of hazardous wastes and constituents. The site-related residential cancer risk and non cancer hazard indexes are within the acceptable ranges. DTSC therefore concurs with the findings and conclusions of the closure report.

Completed Area Name: OU-2A
Completed Sub Area Name: SOIL
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/08/1999
Comments: OM - OU2AS (SITE24): The Operation and Maintenance Manual (O&M) describes the operation and maintenance procedures for the in situ SVE system demonstration at Site 24. The manual contains several detailed sections that provide information on the overall capabilities of the SVE system, equipment description and specifications, process control, operation and maintenance duties and procedures to start and operate the system, repair requirements, instructions necessary to check-out, troubleshoot, repair, and replace components of the system, including electrical and mechanical schematics.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA765
Completed Document Type: Preliminary Endangerment Assessment Report

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Completed Date: 04/13/1999
Comments: PEA - TAA765: The Navy submitted a Closure Report dated July 21, 1998 for TAA 765. The report summarized the results of field activities conducted at the site. Field activities conducted at the site include a site inspection, a geophysical survey, site decontamination, confirmation soil sampling, rinsate sampling, and waste management. A total of 10 soil samples were collected at two depths; 18 inches and 36 inches below ground surface from five locations. Equipment rinsate, duplicate sampling, trip blank, lab duplicate, lab matrix spike/spike duplicate samples were also collected. The Navy used both the Superfund Accelerated Cleanup Model (SCAM) and RCRA Stabilization Initiative programs to take expedited action at TAA 765. Based on the information provided in the closure report, TAA 765 has been adequately investigated for releases of hazardous wastes and constituents. The site-related residential cancer risk and non cancer hazard indexes are within the acceptable ranges. DTSC therefore concurs with the findings and conclusions of the closure report and the site can be considered closed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 77
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/18/1999
Comments: PEA - TAA77: The Navy submitted a Closure Report dated Dec. 1998 for TAA77. The report summarized the results of field activities conducted at the site. The objective of the investigation is to determine whether hazardous waste, residue, and constituents that may pose potential health risk have been removed from TAA77. Field activities consisted of a visual site inspection, a geophysical survey, and confirmation soil sampling. A total of 16 soil samples (including 4 QA/QC samples) were collected from six boring locations. Based on the information provided in the closure report, TAA has been adequately investigated for releases of hazardous wastes and constituents.

Completed Area Name: OU-2B
Completed Sub Area Name: 17
Completed Document Type: Remedial Action Plan
Completed Date: 06/28/2000
Comments: RAP - OU2B (Sites 2 and 17): The Interim Record of Decision (ROD) for OU-2B, Sites 2 and 17 was issued on April 14, 2000 and signed by DTSC on June 27, 2000. The ROD documents the selected remedial action for each landfill. The selected remedy for Sites 2 and 17 is based on the EPA presumptive remedy for municipal and military landfills and includes the following components: (1) a minimum 4-foot monolithic soil cap; (2) on-site waste consolidation prior to capping; (3) erosion control; (4) access restrictions; (5) land-use restrictions to protect the landfill cap, restrict irrigation, prevent use of groundwater at Site 2, assure that contact with landfill materials does not occur, and allow access for conducting or overseeing monitoring and maintenance; (6) natural resource/ habitat mitigation measures; (7) monitoring of soil gas and leachate; (8) groundwater monitoring; (9) inspection and maintenance access; and (10) five-year reviews to verify that the action remains protective of human health and the environment. This Interim ROD allows commencement of remedial design of the landfill caps; however, remedial action (construction) will not begin until radiological survey/sampling is complete.

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Additionally, this Interim ROD does not address groundwater contamination at Site 2. This will be addressed in the Final ROD.

Completed Area Name: OU-2A
Completed Sub Area Name: GAS
Completed Document Type: Feasibility Study Report
Completed Date: 04/06/1998
Comments: RIFS-OU1(SITE 18): To date, six rounds of groundwater sampling have taken place from some of the 121 multi-ports or cluster wells. Additionally, off-Station data collected by Orange County Water District, Irvine Ranch Water District, and the Irvine Company were used to determine the nature and extent of groundwater contamination. The primary contaminants found groundwater beneath the Station are VOCs. The width of the TCE plume is approximately 1/2 miles; the plume extends approximately 3 miles west of the Station. The highest TCE concentration detected in the principal aquifer is 34 ug/L. The Feasibility Study (FS) was conducted to identify and evaluate potential remedial action alternatives for the site. 15 remedial action alternatives were evaluated in the FS. RIFS-OU2AG: Soil, soil gas and groundwater samples were collected at the site. The maximum reported concentration in groundwater is 3,100 ug/L. The mass of TCE beneath Site 24 is estimated to be approximately 2,000 pounds.

Completed Area Name: OU-2B
Completed Sub Area Name: 17
Completed Document Type: Feasibility Study Report
Completed Date: 10/23/1997
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2
Completed Document Type: Feasibility Study Report
Completed Date: 10/20/1997
Comments: Not reported

Completed Area Name: OU-2A
Completed Sub Area Name: SOIL
Completed Document Type: Remedial Action Plan
Completed Date: 09/30/1997
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SWMUS
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/23/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: UNIT2
Completed Document Type: Feasibility Study Report
Completed Date: 07/22/1996
Comments: Not reported

Completed Area Name: OU-2A
Completed Sub Area Name: SOIL
Completed Document Type: * Remedial or Removal Design
Completed Date: 03/17/1999

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Comments: PEA - TAA314: The Navy submitted a Closure Report dated Dec. 23, 1998 for TAA314. The report summarized the results of field activities conducted at the site. The objective of the investigation is to determine whether hazardous wastes or constituents were released from TAA 314. Field activities consisted of a visual site inspection of the surface concrete pad and confirmation soil sampling. Based on the information provided in the closure report, TAA has been adequately investigated for releases of hazardous wastes and constituents. DTSC concurs with the finding and conclusions of the closure report and the site can be considered closed. ' DES - OU2AS(SITE 24): The VOC Source Area, comprises of two contaminated media, soil and groundwater. The Interim ROD or vadose zone addresses remediation of contamination in the soil at Site 24. Remediation of groundwater at site 24 will be addressed in a separate ROD. The Interim ROD selected remedial action (Soil Vapor Extraction remedy) for vadose zone soil at Site 24. The remedial design report provides the engineering design, specifications, and implementation methodology for a soil vapor extraction (SVE) system to address VOC contaminated soil at the site. Instead of submitting 100% design to the regulatory agencies, the Navy proposed a phased approach for the remedial design and remedial action. As many as 233 SVE wells are proposed to remediate the soil. For each phase of the remedial action. DTSC requested that the Navy to submit the as-built drawings of the well field and conveyance network, once actually constructed. The estimated remedial time is 2-4 years. It is estimated that approximately 1,500 pounds of TCE are present as soil gas. Approximately 4,000 pounds of TCE are present in the soil. The Navy is utilizing Norton Air Force SVE system after it had successfully completed the remediation at Norton.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: OU3A
Completed Document Type: Feasibility Study Report
Completed Date: 02/09/1998
Comments: RIFS-OU3As: The investigation included sampling as follows: a) at Site 8, a total of 141 shallow (0 to 10 feet bgs) and deeper subsurface soil (greater than 10 feet bgs) were collected; b) at Site 11, 28 shallow soil samples were collected; c) at Site 12, 25 shallow soil samples were collected. The sample analytical results indicate that SVOCs VOCs, PAHs, PCBs, pesticides, herbicides, petroleum hydrocarbons, cyanide, and TAL metals were detected in the soil, Groundwater beneath the sites was not addressed as potential concern. The Alternatives evaluated in the FS are: Alternative 1 - No Action; Alternative 2 - Capping with Restrictive Covenants; Alternative 3 - Excavation with Recycling of the Excavated Soil as Cover Material at the On-Station Landfills Alternative 4 - Excavation, On-Site Soil Washing, On-Site Incineration, and Off-Station Disposal or Excavation and On-Site Low-Temperature Thermal Desorption; Alternative 5 - Excavation, On-Site Soil Washing, and Off-Station Disposal.

Completed Area Name: OU-3
Completed Sub Area Name: 25
Completed Document Type: Feasibility Study Report
Completed Date: 05/12/1997
Comments: RIFS for OU2A, Site25 - The scope of the Site 25 investigation included sampling and analyzing 94 soil samples, 68 soil gas samples, 31 sediment samples, and 49 surface water samples. Investigation data

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demonstrated that Site 24 and not Site 25 is responsible for the VOC groundwater contamination.

Completed Area Name: OU-2A
Completed Sub Area Name: SOIL
Completed Document Type: Feasibility Study Report
Completed Date: 01/23/1997
Comments: Phase II RIFS for OU2A - Soil for Site 24 completed

Completed Area Name: OU-3
Completed Sub Area Name: 20
Completed Document Type: Feasibility Study Report
Completed Date: 11/12/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 4EECA
Completed Document Type: Feasibility Study Report
Completed Date: 11/17/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: 7EECA
Completed Document Type: Feasibility Study Report
Completed Date: 11/17/1995
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 11
Completed Document Type: Feasibility Study Report
Completed Date: 11/17/1995
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 13
Completed Document Type: Feasibility Study Report
Completed Date: 11/17/1995
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 14
Completed Document Type: Feasibility Study Report
Completed Date: 11/17/1995
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 19
Completed Document Type: Feasibility Study Report
Completed Date: 11/17/1995
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 20
Completed Document Type: Feasibility Study Report
Completed Date: 11/17/1995
Comments: Not reported

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Baseline Survey
Completed Date: 04/01/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Community Environmental Response Facilitation Act
Completed Date: 03/24/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/17/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/29/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/26/1987
Comments: Site Screening Done: Three onsite landfills. BEP & Calderon Rank 4 & 10 site. Possible hazardous waste disposal. Mitre Model required.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 658
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/01/2004
Comments: PEA - TA658: The May 30, 2003 Addendum Closure Report and the December 22, 1999 submittal for former Temporary Accumulation Area (TAA) 658 was submitted to comply with a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action requirements for Marine Corps Air Station (MCAS) El Toro. TAA 658 was identified as Solid Waste Management Unit (SWMU) 171. MCAS El Toro conducted additional confirmation soil sampling activities in March 2003. The addendum closure report summarizes the results of an additional soil confirmation samples collected at TAA 658 in response to DTSC's March 22, 2000 comments on the December 1999 Closure Report for the unit. The samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides, and metals. TAA 658 may have been used for the storage of hazardous waste drums containing waste oil, hydraulic fluid, solvents as well as product drums. The unit consists of an approximately 15-feet by 15-feet concrete pad, with sump, metal roof, and berm, located south of Building 658. Based on our review, we agree with the Navy's recommended no further action for TAA 658. The results from the site assessment report indicate that this site is suitable for residential uses.

Completed Area Name: Sites 18 & 24

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Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/12/2008
Comments: DTSC this date concurred with the Final Annual Remedy Status Report, September 2006 to August 2007, Groundwater Remedy, Sites 18 and 24.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 779
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/07/2004
Comments: MCAS El Toro submitted the February 5, 2003 Addendum to Closure Report submittal for former Temporary Accumulation Area (TAA) 779 in response to DTSC comments regarding sampling data gap that exists in the March 2002 closure report. The Addendum report summarizes the results of additional seven confirmation samples collected in December 2002. The samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, pesticides, and metals. TAA 779 was identified as Solid Waste Management Unit (SWMU) 227 during the development of the Resource Conservation and Recovery Act Facility Assessment (RFA) prepared for El Toro. The unit may have been used for the storage of hazardous waste drums containing JP-5, synthetic oil, and photodeveloper waste. TAA 779 is described as 17-feet by 12-feet concrete pad with ramp enclosed by a six-inch concrete berm and covered with a metal roof, located in the northeast quadrant of the Station approximately 250 feet northeast of Tank Farm 6. Based on our review, we agree with the Navy+s recommended no further action for TAA 779 with Environmental Condition of Property (ECP) category 3. The results from the site assessment report shows the net carcinogenic risk is less than 1X10⁻⁶ for the residential uses. Also, the non-cancer hazard index (HI) for detected chemicals is less than 1.0 for residential scenario.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 606
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/16/2004
Comments: PEA - TA606: The May 13, 2003 closure report summarizes the results of additional soil samples collected at TAA 606 in March 2003. TAA 606 (also referenced as Solid Waste Management Unit (SWMU) 255 located southwest of Building 606) was identified as a hazardous waste storage area (HWSA) during the development of the Resource Conservation and Recovery Act Facility Assessment (RFA) prepared for El Toro. Former TAA 606 may have been used for storage of waste oil, hydraulic fluid, jet propellant fuel, and paint stripper. The unit is described as 12-feet by 12-feet concrete pad, with sump, metal roof, and berm. Based on agreement reached during a site visit on February 12, 2003, seven confirmation samples, including a duplicate, were collected from three hand auger boring locations at 18 and 36 inches below ground surface. The samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, pesticides, and metals. Based on DTSC review of the document, we agree with the Navy+s recommended no further action for TAA 606. Also, the unit should be identified as +closed+ and suitable for residential uses in the next Base Realignment Closure Business Plan update. The net carcinogenic risk is less than 10⁻⁶ for residential scenario and the non-cancer hazard

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index for detected chemicals is less than 1.0 for residential scenario.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 605
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/13/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 10/15/2004
Comments: The Finding of Suitability to Transfer (FOST) for Parcel IV and Portions of Parcels I, II, and III (Approximately 2,798 acres) documents the conclusion that real property made available through the base realignment and closure (BRAC) process is environmentally suitable to transfer by deed for residential purposes, subject to the notifications and restrictions set forth in Section 5.0 of the document, under Section 120(h) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).FOST. DTSC reviewed and commented on several versions of the FOST and submitted a letter of concurrence on July 22, 2004.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA744
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/12/2004
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MSC P1 U2
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 03/30/2004
Comments: PEA - MSCP1: The closure report summarizes the results of 60 soil confirmation samples collected from thirteen locations at MSCP 1, Unit 1 on May 24, 1999, June 3, 1999, and September 21, 2000. The samples were analyzed for semi-volatile organic compounds, pesticides, and herbicides. MSCP 1, Unit 2 near former Building 493 will be addressed in a separate report. ' The former pesticide storage area MSCP 1 was identified in the 1995 Final Environmental Baseline Survey (EBS) for MCAS El Toro. The EBS indicated that Building 1687 was in use from 1959 to 1987 , when the building was demolished. MSC P1, Unit 1 area is approximately 80 feet by 80 feet. The unit is located in the southeastern quadrant of the MCAS El Toro. ' Based on the results from the site assessment report, the net carcinogenic risk is less than 1X10⁻⁶ for the residential uses. Also, the non-cancer hazard index (HI) for detected chemicals is less than 1.0 for residential scenario.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: OW845
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/23/2004
Comments: PEA - OWS 845: OWS 845 was located approximately 12 feet south of the washrack at Building 846. The OWS received wash water from washrack 846 and the oil residue removed by the OWS was discharged to an

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underground waste oil tank SWMU 249. OWS 845 had a capacity of approximately 1900 gallons (with approximate dimensions, 5.3 feet in diameter by 11 feet long). The unit was installed in approximately 1985 and was taken out of service in approximately 1998. The August 21, 2003 Site Assessment Report documented the confirmation soil sampling activities performed at the former OWS 845. The Navy also submitted additional information regarding site investigation on March 11, 2004. ' In 1999, two soil borings were advanced to 30 feet belowground surface at the south side of the OWS. Also, in May 2003, two soil borings were drilled at the north side of the unit and a total of 11 soil samples were collected. The samples were analyzed for volatile organic compounds (VOCs), metals, total petroleum (TPH) as gasoline, diesel, and motor oil fractions. The report recommends no further action for the OWS 845 with Environmental Condition of Property (ECP) category 3. ' Based on the results from the site assessment, the sampling analytical results were below residential cleanup goals. DTSC concurs with the findings and conclusions of the report.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA289
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/15/2003
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: T651A
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/15/2003
Comments: T651A

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 31A
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2004
Comments: MCAS El Toro conducted additional confirmation soil sampling activities on November 12, 2002. The closure report summarizes the results of an additional soil confirmation samples collected at Temporary Accumulation Area (TAA) 31A in response to DTSC's comments on the December 2001 Closure Report for the unit. The samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides, and metals. ' TAA 31A was identified as Solid Waste Management Unit (SWMU) 272 during the development of the Resource Conservation and Recovery Act Facility Assessment (RFA) prepared for El Toro. The unit may have been used for the storage of hazardous waste drums containing waste oil, hydraulic fluid, solvents, as well as product drums. TAA 31A is described as a 10-foot by 20-foot concrete pad enclosed by a six-inch concrete berm and covered by an aluminum roof, located adjacent to Building 31 and Installation Restoration Program (IRP) Site 15 in the northwestern section of CAS El Toro. ' Based on our review, we agree with the Navy's recommended no further action for TAA 31A with Environmental Condition of Property (ECP) category 3. The results from the site assessment report shows the net carcinogenic risk is less than 1×10^{-6} for the residential uses. Also, the non-cancer hazard index (HI) for detected chemicals is less than 1.0 for residential scenario.

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EL TORO MCAS (Continued)

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Completed Area Name: Sites With No Operable Unit
 Completed Sub Area Name: TA461
 Completed Document Type: Preliminary Endangerment Assessment Report
 Completed Date: 04/12/2004
 Comments: PEA - TA461: MCAS El Toro conducted confirmation soil sampling activities on August 27, 2003. The closure report summarizes the results of an additional 6 soil confirmation samples collected from three locations at the former Temporary Accumulation Area (TAA) 461. The samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides, metals, and pH. The TAA 461 was identified as SWMU 138 in the RFA prepared for MCAS El Toro. The unit may have been used for the storage of hazardous waste drums containing hydraulic fluid, waste oil, absorbent material, and antifreeze. TAA 461 is described as 12-feet by 12-feet concrete storage pad with berm, metal roof, ramp and sump, all surrounded by a chain-linked fence located east of Building 461 in the southeastern quadrant of the MCAS El Toro. Based on our review, DTSC agrees with the Navy's recommendation that this unit should be identified as "closed" and suitable for residential uses in the next Base Realignment Closure Business Plan update. PEA - TA744: MCAS El Toro conducted confirmation soil sampling activities on August 26, 2003. The closure report summarizes the results of 8 soil confirmation samples collected from four locations at the former Temporary Accumulation Area (TAA) 744. The samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides, metals, and pH. The TAA 744 may have been used for the storage of hazardous waste drums containing solvents, hydraulic fluid, waste oil, absorbent material, and oily rags. TAA 744 is described as 12-feet by 20-feet concrete storage pad with berms, and ramp divided into two sections by a berm with a sump on both sides of the berm located north of Building 744 in the northwestern quadrant of the MCAS El Toro. Based on our review, DTSC agrees with the Navy's recommendation that this unit should be identified as "closed" and suitable for residential uses in the next Base Realignment Closure Business Plan update.

Completed Area Name: Sites With No Operable Unit
 Completed Sub Area Name: MSCP2
 Completed Document Type: Preliminary Endangerment Assessment Report
 Completed Date: 01/02/2004
 Comments: MCP2 - PEA: MCAS El Toro conducted additional confirmation soil sampling activities on October 6, 2000. The closure report summarizes the results of an additional 20 soil confirmation samples collected from three locations at MSC P2 in response to DTSC's August 21, 2000 comment letter on the January 31, 2000 summary Closure Report for the unit. The samples were analyzed for semi-volatile organic compounds, pesticides, and herbicides. The report also summarizes the results of the May 1999 field activities which involved the collection of 11 soil samples collected from four locations at MSC P2. The former pesticide storage area MSC P2 was identified in the 1995 Final Environmental Baseline Survey for MCAS El Toro. MSC P2 is described as an area 20 feet wide by 60 feet long concrete slab on the north side of the Golf Course Club House (Building 464) within the golf course facility in the southeastern quadrant of the MCAS El Toro. Based on the results from the site assessment report, the net carcinogenic risk is less than

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1X10-6 for the residential uses. Also, the non-cancer hazard index (HI) for detected chemicals is less than 1.0 for residential scenario. Not reported

Completed Area Name: Sites With No Operable Unit
 Completed Sub Area Name: T371A
 Completed Document Type: Preliminary Endangerment Assessment Report
 Completed Date: 12/16/2003
 Comments: PEA - T371A: MCAS El Toro conducted confirmation soil sampling activities on August 27, 2003. The closure report summarized the results of 8 additional soil samples collected from 4 locations at TAA 371A. The confirmation soil samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides and polychlorinated biphenyls, metals, and pH. The TAA 371A was identified as SWMU 107 in the RFA prepared for MCAS El Toro. The unit may have been used for the storage of hazardous waste drums containing waste oil, solvents, as well as product drums. TAA 371A is described as a 20-foot concrete storage pad with a concrete berm and chain-linked fence located northwest of Building 371 in the southeast quadrant of the Station. Based on the results from the site assessment report, the net carcinogenic risk is less than 1x10-6 for the residential uses. Also, the target organ hazard index (HI) using maximum values was less than 1.0 for all target organs with the exception of iron overload. Using maximum concentrations, the iron overload resulted in an HI of 1.7, however, iron is considered a necessary nutrient and not a risk at this site.

Completed Area Name: Sites With No Operable Unit
 Completed Sub Area Name: TA636
 Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
 Completed Date: 09/29/2003
 Comments: TA636

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Base / Site Management Plan
 Completed Date: 03/31/2005
 Comments: BRAC BUSINESS PLAN YEAR 2004 UPDATE

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Monitoring Report
 Completed Date: 06/30/2005
 Comments: Not reported

Completed Area Name: OU-3
 Completed Sub Area Name: 1 Soil
 Completed Document Type: Pilot Study/Treatability Workplan
 Completed Date: 04/01/2005
 Comments: completed

Completed Area Name: OU-2B
 Completed Sub Area Name: 2
 Completed Document Type: Proposed Plan
 Completed Date: 06/29/2005
 Comments: .

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EL TORO MCAS (Continued)

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Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Proposed Plan
Completed Date: 04/19/2007
Comments: DTSC concurred with the Final Proposed Plan which was subjected to a 30-day public comment period ending on February 21, 2007.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA240
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/30/2003
Comments: PEA - TA240: MCAS El Toro conducted confirmation soil sampling activities on August 27, 2003. The closure report summarizes the results of an additional 3 soil confirmation samples collected from three locations at TAA240. The confirmation soil samples were collected on March 31, 2003 in response to DTSC's March 22, 2000 comment letter on the November 12, 1999 Closure Report for the unit. The report also summarizes the results of the October 1997 field activities which involved the collection of 12 soil samples collected from six locations at TAA240. The samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides and polychlorinated biphenyls, metals, total cyanide, and pH. ' The TAA 240 was identified as SWMU 64 in the RFA prepared for MCAS El Toro. The unit may have been used for the storage of hazardous waste drums containing hydraulic fluid, waste oil, waste JP-5, solvents, as well as product drums. TAA 240 is described as 0-feet by 20-feet two section concrete storage pad surrounded by a 6-inch concrete berm located southeast of Building240 in the northwest quadrant of the MCAS El Toro. ' Based on the results from the site assessment report, the net carcinogenic risk is less than 1X10-6 for the residential uses. Also, the target organ hazard index (HI) using maximum values was less than 1.0 for all target organs with the exception of iron overload. Using maximum concentrations, the iron overload resulted in an HI of 1.7, however; iron is considered a necessary nutrient and does not a risk at this site.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA772
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/07/2003
Comments: PEA - TA772: MCAS El Toro conducted confirmation soil sampling activities in October 1997, January 2001, and March 2003. The closure report summarizes the results of soil samples collected from 1.5 and 3 feet below ground surface and the samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as diesel, pesticides, PCB's, total cyanide, and metals. The former storage unit consists of approximately 12- feet by 17-feet concrete pad and berm, an aluminum roof, and a chain-link fence on all sides. The unit was located in the southeastern quadrant of the station approximately 100 feet south of DRMO yard number 3. ' Based on our review, we agree with the Navy's recommendation that the unit should be identified as "closed" in the next Base Realignment Closure Business Plan update. The net carcinogenic risk is less than 10-6 for residential scenario. Also, the target organ evaluation resulted in a non-cancer hazard index for each of the target organs of less than 1.0.

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Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA441
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/30/2003
Comments: PEA - TA441: MCAS El Toro conducted confirmation soil sampling activities on November 11, 1999. The closure report summarized the results of 13 soil samples collected from six locations adjacent to and within TAA 441. The confirmation soil samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum (TPH) as gasoline, TPH as diesel, pesticides and polychlorinated biphenyls, metals, pH, and cyanide. The TAA 441 was indentified as SWMU 256 in the RFA prepared for MCAS El Toro. The unit may have been used for the storage of hazardous waste oil and absorbent material. TAA 441 is described as a 10-foot by 30-foot concrete storage pad with a concrete berm around the perimeter located north of Building 441 in the southeast quadrant of the station. ' Based on the results from the site assessment report, the sampling analytical results were below residential cleanup goals. DTSC concurs with the no further action findings and conclusions of the closure report.

Completed Area Name: OU-3
Completed Sub Area Name: 1 Soil
Completed Document Type: Remedial Investigation Report
Completed Date: 02/28/2007
Comments: The RI Report concluded that the perchlorate impacted groundwater, munitions and explosives-of-concern impacted soil, and naphthalene impacted soil in the central portion of the site need to be remediated. It recommended that the site proceed to the feasibility study phase. DTSC concurred with the conclusions and recommendations in the Report.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 03/29/2006
Comments: Proposed Plan was public noticed on 3/29/2006.

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/29/2006
Comments: Public Comments period ended on April 26, 2006

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 08/10/2005
Comments: The Finding of Suitability to Transfer No.2 (FOST 2) for Portions of Parcels II and III (Approximately 8 acres) documents the conclusion that real property made available through the base realignment and closure (BRAC) process is environmentally suitable to transfer by deed for residential purposes, subject to the notifications and restrictions set forth in Section 5.0 of the document, under Section 120(h) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).FOST. DTSC reviewed and commented on several versions of the FOST and submitted a letter of concurrence on August 10, 2005.

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EL TORO MCAS (Continued)

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Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 08/28/2008
Comments: DTSC concurred with the electronic Final FOST 3 Report on August 28, 2008. Parcels I-C and II-U, which cover about 3.9 acres, were found suitable for transfer in the report. On August 28, 2008, DTSC also made a RCRA Corrective Action Complete Determination on the transfer parcels and a RCRA Facility Boundary Change to MCAS El Toro.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: PRLs
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 08/21/2008
Comments: DTSC concurs with the report's conclusion that impacted soil at the PRLs do not pose a threat to human health or groundwater and with the report's recommendation for no further investigation of these PRLs.

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: 1, 2, & AA3
Completed Document Type: Long Term Monitoring Report
Completed Date: 05/13/2009
Comments: Because regulatory agencies did not have substantial comments, the Navy made minor changes to the Report and submitted the final version, which DTSC concurs with and accepts as written on May 13, 2009.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: APHO 122, Unit 2
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/24/2009
Comments: DTSC concurs with the no further action recommendation for this site and accepts the final report as written on March 24, 2009.

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/03/2009
Comments: DTSC concurs with the final report and accepts it as written on July 3, 2009.

Completed Area Name: OU-3
Completed Sub Area Name: 11
Completed Document Type: Removal Action Completion Report
Completed Date: 12/06/2005
Comments: IRP Site 11, formerly a transformer storage area, located in the southwest quadrant of the base consists of three units. Unit 1 is a concrete pad approximately 30 feet by 30 feet with a 3 feet wide strip of ground adjacent to it. Unit 2 consists of an asphalt lined drainage ditch parallel to N Street at the northern boundary. Unit 3 is the remainder of the fenced, unpaved storage yard behind Building 369. Site 11 was used as a maintenance and storage yard for transformers from approximately 1968 to 1983. Reported leak of polychlorinated biphenyl (PCB) transformer oil at the site lead to a remedial action evaluation. Remedial action began on July 4, 2005. The concrete pad at Unit 1 and asphalt lined drainage ditch at Unit 2 were removed. Soil was excavated to a depth of 2 to 3 feet

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below ground surface (bgs) except in a portion of Unit 2, approximately 25 feet in length, where soil was excavated to approximately 6 feet bgs. Confirmation sampling at the excavated bottom and side walls indicated the presence of PCB constituent Aroclor 1260 above the target cleanup goal in one confirmation sample at the southeastern portion of Unit 1. Additional soil excavated to 4 feet bgs was conducted in the vicinity of the southeastern portion, approximately 25 foot by 25 foot area, of Unit 1. Confirmation sampling taken showed no constituents of concern were above their target cleanup goals. Approximately 560 tons of contaminated soil was transported to Kettleman Hills Disposal Facility. Sand, cement slurry, and base were used to backfill the excavated areas and compacted after confirmation sampling indicated contaminated soil was removed.

Completed Area Name: OU-2A
Completed Sub Area Name: 24
Completed Document Type: Record of Decision
Completed Date: 03/20/2006
Comments: DTSC signed on 3/20/06

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/15/2006
Comments: Not reported

Completed Area Name: OU-1
Completed Sub Area Name: 18
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/31/2005
Comments: DTSC concurred on the 100% remedial design for site 18/24 groundwater

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/18/2007
Comments: DTSC concurred with the report, requesting the Navy to closely monitor nickel concentrations in the future at a couple of Site 17 wells.

Completed Area Name: OU 2B & 3
Completed Sub Area Name: 1&2 GW
Completed Document Type: Record of Decision
Completed Date: 03/09/2012
Comments: DTSC concurred with the electronic copy of the ROD on January 18, 2012 and with the final copy including complete signature page this date.

Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Record of Decision
Completed Date: 03/07/2008
Comments: DTSC signed the Declaration Page of this ROD on February 21, 2008. The ROD documents the selected remedy for IRP Sites 3 and 5, which are two former trench-and-fill landfills located on the east side of the former MCAS El Toro. The remedy consists of capping with a

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single-barrier cap utilizing a flexible membrane liner, and institutional controls and monitoring. The USEPA, DTSC, the Santa Ana RWQCB, the CIWMB, and the California DPH have all concurred with the remedy documented in the ROD.

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Technical Report
Completed Date: 10/24/2007
Comments: DTSC concurred with the Navy's determination that the Operating Properly and Successfully designation is applicable to the groundwater remedy implemented at this site, which is Monitored Natural Attenuation with Institutional Controls.

Completed Area Name: OU-2A
Completed Sub Area Name: 24
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/28/2005
Comments: approved Group 1 and 2 PRLs. Evaluating Group 3 PRLs.

Completed Area Name: OU-3
Completed Sub Area Name: 8
Completed Document Type: Feasibility Study Report
Completed Date: 03/29/2006
Comments: DHS approved the Final FS Addendum for IR Site 8 as adequate.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 698 - SWMU 186
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/28/2004
Comments: The June 6, 2003 Closure Report for Temporary Accumulation Area (TAA) 698 summarizes the results of additional soil samples collected at TAA 698 in March and April 2003. TAA 698 (also referenced as Solid Waste Management Unit (SWMU) 186 located southeast of Building 698 in the northeast quadrant of the Station) was identified as an inactive hazardous waste storage area (HWSA) during the development of the Resource Conservation and Recovery Act Facility Assessment (RFA) prepared for El Toro. The unit is described as 10-feet by 10-feet concrete pad, with sump, metal roof, and berm. Based on agreement reached during a site visit on February 12, 2003, six confirmation samples were collected from three hand auger boring locations at 18 and 36 inches below ground surface. The samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, pesticides, and metals. Based on the review of this closure report and supplemental information received on September 24, 2004, we agree with the Navy's recommendation of no further action for TAA 698. Also, the unit should be identified as +closed+ and suitable for residential uses in the next Base Realignment Closure Business Plan update.

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EL TORO MCAS (Continued)

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Completed Area Name: OU-3
Completed Sub Area Name: 8 & 12
Completed Document Type: Record of Decision
Completed Date: 05/22/2007
Comments: DTSC signed the ROD on May 22, 2007.

Completed Area Name: MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim
Completed Date: 03/20/2006
Comments: DTSC signed on 3/20/06

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/01/2004
Comments: RAB meeting.

Completed Area Name: RWQCB Lead
Completed Sub Area Name: Tank 398 Plume
Completed Document Type: Monitoring Report
Completed Date: 10/31/2006
Comments: Not reported

Completed Area Name: RWQCB Lead
Completed Sub Area Name: UST 273B
Completed Document Type: UST Corrective Action Plan
Completed Date: 06/30/2005
Comments: Not reported

Completed Area Name: RWQCB Lead
Completed Sub Area Name: UST 651 Group
Completed Document Type: *Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 10/31/2006
Comments: Not reported

Completed Area Name: RWQCB Lead
Completed Sub Area Name: UST 273B
Completed Document Type: *Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 06/30/2005
Comments: Not reported

Completed Area Name: RWQCB Lead
Completed Sub Area Name: Site 16 TPH
Completed Document Type: Soil Vapor Extraction Monitoring Plan
Completed Date: 06/30/2005
Comments: Not reported

Completed Area Name: RWQCB Lead
Completed Sub Area Name: Tank Farm 5
Completed Document Type: Site Summary Report
Completed Date: 12/31/2006
Comments: Not reported

Completed Area Name: RWQCB Lead
Completed Sub Area Name: Tank Farm 6
Completed Document Type: Site Summary Report

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EL TORO MCAS (Continued)

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Completed Date: 12/31/2005
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 673
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/28/2004
Comments: The May 23, 2003 Closure Report for Temporary Accumulation Area (TAA) 673 summarizes the results of additional soil samples collected at TAA 673 in March 2003. TAA 673 (also referenced as Solid Waste Management Unit (SWMU) 186 located southeast of Building 673 in the southeast quadrant of the Station) was identified as an inactive hazardous waste storage area (HWSA) during the development of the Resource Conservation and Recovery Act Facility Assessment (RFA) prepared for El Toro. The HWSA may have been used for storage of waste oil, turbine shaft oil, and hydraulic fluid. The unit is described as 12-feet by 12-feet concrete pad, with sump, metal roof, and berm. Based on agreement reached during a site visit on February 12, 2003, six confirmation samples, including two duplicates, were collected from two hand auger boring locations at 18 and 36 inches below ground surface. The samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, pesticides, and metals. Based on DTSC review of the document, we agree with the Navy+s recommended no further action for TAA 673. Also, the unit should be identified as +closed+ and suitable for residential uses in the next Base Realignment Closure Business Plan update. The net carcinogenic risk is less than 10⁻⁶ for residential scenario and the non-cancer hazard index for detected chemicals is less than 1.0 for residential scenario.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TA770
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/13/2004
Comments: PEA - TA770: The January 9, 2003 Closure Report submittal for former Temporary Accumulation Area (TAA) 770 summarizes the results of additional soil samples collected in November 2002 based on agreements reached during a site visit on August 27, 2002. The samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, pesticides, and metals. TAA 770 (also referenced as Solid Waste Management Unit (SWMU) 223) was identified as a hazardous waste storage area (HWSA) during the development of the Resource Conservation and Recovery Act Facility Assessment (RFA) prepared for El Toro. The HWSA may have been used for storage of waste oil, hydraulic fluid, and antifreeze. Former TAA 770 includes two units: an enclosed concrete slab with curb, approximately 17 feet wide by 17 feet long constructed in 1983; and a concrete slab with berm, sump, and access ramp, approximate dimensions 20 feet by 25 feet, that was constructed more recently. The unit is located northeast of Building 386, within the boundaries of Installation Restoration Program (IRP) Site 24, the VOC Source Area in the southwest quadrant of the Station. Based on the review of this closure report, we agree with the Navy+s recommendation of no further action for TAA 770. Also, the unit should be identified as +closed+ and suitable for residential uses in the next Base Realignment Closure Business Plan

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EL TORO MCAS (Continued)

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update. A copy of the approval letter is attached.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/10/2004
Comments: The January 12, 2004 Closure Report submittal for former Temporary Accumulation Area (TAA) 130A & 130B summarizes the results of soil vapor sampling and confirmation soil sampling collected in May and July 2003 at the former TAA 130A & 130B. A total of 14 vapor samples and 12 confirmation soil samples were collected from three locations within TAA 130A & 130 B. The soil samples were analyzed for volatile organic compounds (VOCs), semi- volatile organic compounds (VOCs), Selected Ion Monitoring (SIM) by SVOCs for selected analytcs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, pesticides, and metals. TAA 130A & 130B (also referenced as Solid Waste Management Unit (SWMU) 294 and SWMU 295, respectively) were identified as a temporary Drum Storage Area (DSA) near Building 130 during the development of the Resource Conservation and Recovery Act Facility Assessment (RFA) prepared for El Toro. The DSA may have been used for storage of paint, toluene, xylene, chromium, lead, and cadmium. Former TAA 130A & 130B is described as an unbermed concrete paved area approximately 10 feet long by 20 feet wide located 40 feet west of Building 130 in the northeast quadrant of the Station. Based on the review of this closure report, we agree with the Navy's recommendation of no further action for TAA 130A & 130B. Also, the unit should be identified as closed and suitable for residential uses in the next Base Realignment Closure Business Plan update. A copy of the approval letter is attached.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Baseline Survey
Completed Date: 11/16/2006
Comments: The Navy agreed to conduct additional investigations at PRLs 296, 297, 605, and 606 as part of the Group IV PRLs. DTSC concurred with No-Further-Action for the rest of the Group III PRLs.

Completed Area Name: OU-2B
Completed Sub Area Name: 2
Completed Document Type: Feasibility Study Report
Completed Date: 08/02/2007
Comments: As agreed to in a conference call on July 12, 2007 and at the July 25, 2007 Base Realignment and Closure Cleanup Team (BCT) meeting, the groundwater remediation at Site 2 will be combined with the groundwater remediation at Site 1. The reason is that contaminated groundwater from Site 1 has migrated to Site 2 and it is better to remediate groundwater from both sites at the same time using the same remedial system. As a result, this FS will be incorporated into the Sites 1&2 Groundwater FS.

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: AA3
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 09/09/2009
Comments: The Navy provided a change-out package to change the Draft Final into the Final. DTSC concurred with and accepted the final report as

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written on September 9, 2009.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PCB A1 & TAA 370
Completed Document Type: Site Characterization Workplan
Completed Date: 04/06/2010
Comments: Not reported

Completed Area Name: RWQCB Lead
Completed Sub Area Name: JP5 Vault P11
Completed Document Type: Technical Report
Completed Date: 12/31/2006
Comments: Not reported

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: 1, 2, & AA3
Completed Document Type: Monitoring Report
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: AA3
Completed Document Type: Proposed Plan
Completed Date: 12/29/2009
Comments: Not reported

Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Other Report
Completed Date: 09/21/2009
Comments: DTSC concurs with, and accepts as written, the Final Fact Sheet on September 21, 2009.

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Other Report
Completed Date: 02/25/2010
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/31/2009
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SWMU 198
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/08/2005
Comments: MCAS El Toro submitted the October 21, 2003 Summary Report for Solid Waste Management Unit (SWMU) 198 to comply with a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action requirements for Marine Corps Air Station El Toro. SWMU 198, a former vehicle washrack 759, is described as a concrete wash surface approximately 60 feet long by 15 feet wide and surrounded by a 4-inch concrete berm. The wash rack contains two catch basins that carried the rinse water to Oil/Water Separator

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759-A and Underground Storage Tank (UST) 759B through a sanitary sewer line. SWMU 198 is located on the north side of Building 655 in the south-central portion of MCAS El Toro within Installation Restoration Program (IRP) Site 24. The Summary Report summarizes the results of additional soil samples collected at SWMU 198 Site on July 14 and 15, 2003. The additional investigation was conducted in response to DTSC's October 10, 2000 comments on the September 1, 2000 Technical Information Supplement Report for SWMU 198. DTSC requested field sampling to assess potential releases along the sanitary sewer and the storm drain connected to SWMU 198. The investigation includes 15 additional soil samples collected from three boring locations at 5, 10, 15, 20, and 25 feet below ground surface. The samples were analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, and Synthetic Precipitation Leaching Procedure (SPLP). Based on review of the report, DTSC concurs with the Navy's recommendation of no further action for SWMU 198.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/02/2005
Comments: The December 19, 2003 Summary Report for Aerial Photograph Anomaly (APHO) 38 included closure for Oil Water Separator (OWS) 832 was submitted to comply with a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action requirements for Marine Corps Air Station El Toro. OWS was used to treat discharge water from the lined impoundments before discharge into the sanitary sewer system. Two grab samples were taken from inside the OWS and analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, metals, pH, and ignitibility. Results of the analysis indicated that the grab samples were non-hazardous water. A total of 34 soil samples including two surface soil samples were taken from twelve locations. These samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, and metals. Twenty one soil vapor samples were analyzed for VOCs. The results from the site assessment report shows the net carcinogenic risk is less than 1X10⁻⁶ for the residential uses. The geophysical survey indicated that no material was buried beneath the concrete impoundments. The report recommends a no further action status for OWS 832.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/02/2005
Comments: MCAS El Toro submitted the December 19, 2003 Aerial Photograph Anomaly (APHO) 38 to comply with a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action requirements for Marine Corps Air Station El Toro. APHO 38 was used for training on decontamination of motor vehicles. The liquid wastes were discharged to large shotcrete and concrete lined impoundments and eventually discharged to the sanitary sewer system. A total of 34 soil samples including two surface soil samples were taken from twelve locations. These samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as

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gasoline, TPH as diesel, and metals. Twenty one soil vapor samples were analyzed for VOCs. The results from the site assessment report shows the net carcinogenic risk is less than 1X10⁻⁶ for the residential uses. The geophysical survey indicated that no material was buried beneath the concrete impoundments. The report recommends a no further action status for APHO 38. Based on the results of the geophysical, soil, and soil gas surveys, DTSC concurs with the no further action status designation for APHO 38 pending regulatory concurrence with the results and conclusions of the radiological assessment and recommendation for unrestricted radiological release.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Lease
Completed Date: 08/02/2004
Comments: The Finding of Suitability to Lease (FOSL) for Carve-Outs Within Parcels I, II, and III (approximately 921 acres) documents environmentally related findings that support the conclusion that portions of Parcels I, II and III at former Marine Corps Air Station El Toro are suitable to lease through a lease in furtherance of conveyance (LIFOC). Properties identified in this FOSL (Carve-Outs within Parcels I, II and III) may be used in accordance with the terms of the leases, including specified use restrictions, with acceptable risk to human health and the environment and without interference with the environmental restoration process. DTSC reviewed and commented on several versions of the FOSL and submitted a letter of concurrence on July 23, 2004

Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Feasibility Study Report
Completed Date: 02/20/2007
Comments: DTSC issued concurrence with the FS Addendum. The previous preferred remedy in the FS was capping (with a monolithic soil layer) with institutional controls. The current preferred remedy in the FS Addendum is capping (with a single barrier layer utilizing FML) with institutional controls and monitoring.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 388B
Completed Document Type: Other Report
Completed Date: 10/04/2007
Comments: DTSC accepted the final Closure Report as written and concurred with the No-Further-Action recommendation. Temporary Accumulation Area 388B is a former drum storage area and results of soil sampling and analysis showed that chemicals of potential concern such as VOCs, SVOCs, TPHs, metals, pesticides, and PCBs were either non-detect or detected at less than regulatory or background levels.

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Other Report
Completed Date: 03/09/2010
Comments: DTSC's comments have been adequately addressed in the subsequent quarterly report so this report is accepted by DTSC this date.

Completed Area Name: OU-1&2A

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Completed Sub Area Name: 18&24
Completed Document Type: Other Report
Completed Date: 01/16/2009
Comments: DTSC found the response to its comments acceptable and concurred with the report as written on January 16, 2009.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: PRLs
Completed Document Type: *Site Inspection (SI) Workplan
Completed Date: 06/30/2008
Comments: DTSC concurred with the Navy's Work Plan to conduct site inspection at PRLs 296, 297, 354, 605, 606 and Runway Infield Area.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/12/2005
Comments: The February 3, 2005 closure report summarizes the results of additional soil samples collected in 2003. OWS 759A/UST 759B is located in the south central portion of the facility, north of S. Marine Way. OWS 759A and UST 759B received water from a wash rack at Building 655. Oil from the OWS was stored in the UST for disposal elsewhere. OWS 759A was approximately a 100 gallon capacity tank and UST 759B was approximately a 500 gallon capacity tank. In 1993 OWS 759A/UST 759B was investigated as part of the Resource conservation and Recovery Act (RCRA) Facility Assessment (RFA). One soil boring was drilled to a depth of 27 feet and samples were collected at 5, 10 15, 20 and 27 feet below ground surface (bgs). Total petroleum hydrocarbons (TPH) were detected at the 15 foot sample, but not at the other depths. Volatile organic compounds (VOCs) detected were below preliminary remediation goals (PRGs). In 1999 OWS 795A/UST 759B tanks were removed and two confirmation samples were taken at approximately 10 feet bgs. The samples were analyzed for TPH as gasoline, TPH as diesel, benzene, toluene, ethylbenzene, xylenes, methyl-tertiary butyl ether (MTBE), and volatile organic compounds (VOCs). TPH was detected, but VOCs detected were below preliminary remediation goals (PRGs). In 2003, five soil samples were taken from a 25 foot soil boring to determine if there is contamination below the previously investigated depth of 15 feet bgs. The samples were analyzed for TPH as gasoline, TPH as diesel, and VOCs. The results indicated that TPH and VOCs were not detected above reporting limits. Based on DTSC review of the document, we agree with the NavyGCOs recommended no further action for OWS 759A/UST 759B. Also, the unit should be identified as GC#closedGCY and suitable for residential uses in the next Base Realignment Closure Business Plan update.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/28/2006
Comments: 6/28/2006: DTSC has only minor comments on this GW Monitoring report so does not expect a submittal of a final report. DTSC accepts the DF as final and expects the issues pointed out in the June 28, 2006 letter be corrected in the field by the Navy.

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Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/13/2005
Comments: The Community Relations Plan describes a comprehensive community relations program being conducted by the Department of the Navy under the Instillation Restoration Program for the Department of Defense. The purpose of the Community Relations Plan is to identify concerns the community may have regarding cleanup efforts and determine the best methods for conducting and enhancing communication between the Navy, the regulatory agencies, and the local community. These activities include holding ongoing public meetings of the Restoration Advisory Board, conducting public meetings to present proposed cleanup plans, issuing fact sheets, and disseminating information to the local media.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 01/16/2009
Comments: DTSC on January 12,2009 concurred with the final FOST 4 report which was submitted electronically after the close of public comment period in which no comments were received. An RCRA Corrective Action Complete Determination, a Change of RCRA Facility Boundary, and an NOE pursuant to CEQA were also made.

Completed Area Name: OU-2A
Completed Sub Area Name: 24
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 09/14/2010
Comments: Not reported

Completed Area Name: OU-2A
Completed Sub Area Name: 24
Completed Document Type: Operations and Maintenance Manual
Completed Date: 08/30/2007
Comments: DTSC concurred with the Final O&M Mannual for the Shallow Groundwater Unit Wellfield & Conveyance System this date. The O&M Manual describes the necessary guidance and requirements to operate and maintain the groundwater extraction wellfield and conveyance system at Site 24, including operations, sampling and analysis, inspections, routine preventive and corrective maintenance, and response to operations-related problems or alarm conditions. It is one of the four documents comprising the comprehensive O&M Plan for the shallow groundwater unit of Site 24 and the principal aquifer of Site 18.

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: AA3
Completed Document Type: Record of Decision
Completed Date: 09/02/2010
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/20/2009
Comments: Because regulatory agencies had no comments on the draft report, the Navy finalized the report. The remedial action completion report

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documents that the construction conforms to the intent of the plans and specifications in the remedial design, and that construction activities were performed in accordance with the remedial action work plan. DTSC concurs with the report and accepts it as written on March 20, 2009.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 634
Completed Document Type: Other Report
Completed Date: 06/08/2007
Comments: After reviewing the requested information, DTSC concurred with the No Further Action recommendation for the site.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SWMU 72
Completed Document Type: Site Characterization Workplan
Completed Date: 11/18/2009
Comments: DTSC approved the Work Plan on November 18, 2009.

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: 1, 2, & AA3
Completed Document Type: Monitoring Report
Completed Date: 09/15/2009
Comments: DTSC has no comments and accepted the report as final on September 15, 2009.

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: AA3
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 08/26/2011
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/16/2009
Comments: DTSC concurs with the final 2006 LTM on January 16, 2009. The Navy will present the soil gas sampling procedure to DTSC for concurrence prior to the next monitoring event.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 04/29/2010
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Other Report
Completed Date: 08/14/2006
Comments: DTSC approved Closure Report.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Other Report
Completed Date: 06/05/2006
Comments: DTSC approved closure report for TAA 388A

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Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Other Report
Completed Date: 04/18/2006
Comments: DHS approved unrestricted release for APHO 46 and Anomaly Area 3. However, Landfills Sites 3 and 5 are not released.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/08/2005
Comments: The June 4, 2003 Closure Report for Temporary Accumulation Area (TAA) 769 (also referenced as Solid Waste Management Unit (SWMU) 222 was submitted to comply with a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action requirements for El Toro. TAA 769 consisted of an approximately 17-feet by 12-feet concrete pad, roof, and berm enclosed by a chain link fence. It was located southeast of Structure 175 (a water storage tank) in the southwest quadrant of the bse. Based on the review of this closure report and supplemental information received on August 26, 2005, DTSC concurred with the Navy's recommendation of no further action. The unit should be identified as oclosedo and suitable for residential uses in the next Base Realignment Closure Business Plan update.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: On-Station Fuel Pipeline
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/21/2005
Comments: The October 2004 Closure Report for Temporary Accumulation Area (TAA) 800, also referenced as Solid Waste Management Unit (SWMU) 229, was submitted to comply with a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Corrective Action requirements for El Toro. Former TAA 800 consists of an approximately 10-feet by 20-feet concrete pad, roof, and berm located southeast quadrant of the base. Based on agreements reached during a site visit on August 27, 2002, four confirmation samples were collected from two hand auger boring locations at 18 and 36 inches below ground surface. The samples were analyzed for volatile organic compounds (VOCs), Semi-VOCs, total petroleum hydrocarbons (TPH), pesticides, and metals. DTSC is satisfied that its comments raised in a August 4, 2005 letter have been addressed. The net carcinogenic risk is less than 10⁻⁶ for residential scenario and the non-cancer hazard index for detected chemicals is less than 1.0 for residential scenario. DTSC agrees with the Navy's recommendation that this unit should be identified as oclosedo and suitable for residential uses in the next Base Realignment Closure Business Plan update.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: UST 764A and OWS 764B
Completed Document Type: Preliminary Assessment Report
Completed Date: 07/31/2006
Comments: DTSC approved Summary Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/06/2006

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Comments: DTSC concurred with No Further Action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/06/2006
Comments: DTSC concurred with No Further Action.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 115
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/28/2006
Comments: Several rounds of soil sampling were conducted at this site with the latest round taking place in December 2005. Chemicals were either non-detect or detected at less than regulatory or background levels. The report recommends no further action. DTSC concurred and approved this closure report on December 28, 2006. Note: there was not a need for submittal of a draft final or final document because DTSC has no comments on the draft document and therefore accepted it as final.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 671
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/03/2007
Comments: Several rounds of sampling were done at this former drum storage area, with the latest taking place in November 2005. Results were either non-detect or detected at less than regulatory or background levels. The report recommends no further action. DTSC concurred and approved the report on January 3, 2007.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 672
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/16/2006
Comments: Several rounds of sampling took place with the latest one taking place in November 2005. Potential chemicals of concern were either non-detect or detected at less than regulatory or background levels. The report recommends no further action. DTSC concurred and approved the report on November 16, 2006. Note: there were no draft final or final version submitted because DTSC has no comments on the draft document and therefore accepted it as final.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SWMU 72
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/19/2011
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 5B
Completed Document Type: Site Characterization Workplan
Completed Date: 05/22/2007
Comments: Temporary Accumulation Area (TAA) 5B is a former hazardous waste storage area. This Work Plan documents the supplemental soil sampling to fill data gaps at this site.

Completed Area Name: Sites With No Operable Unit

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Completed Sub Area Name: APHO 118
Completed Document Type: Other Report
Completed Date: 04/25/2007
Comments: Aerial Photograph Anomaly Area (APHO) 118 was a former fuel bladder storage area. Based on site visual inspection and trenching, it appears that no prior petroleum release occurred. RWQCB concurred with no-further-action (NFA) status on 1/16/2007. DTSC concurred with the Navy's proposal to manage APHO 118 as a potential petroleum release area and designation of NFA status on 4/25/2007.

Completed Area Name: OU-1
Completed Sub Area Name: 18
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/23/2008
Comments: DTSC concurs that the final report, dated March 2008, correctly reflects the remedial activities and systems installed at Site 18.

Completed Area Name: OU-2A
Completed Sub Area Name: 24
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/11/2007
Comments: DTSC concurred with the final I-RACR on September 11, 2007. The I-RACR documents the completion of construction activities for the groundwater extraction and conveyance system at Site 24. It presents the remedial action objectives, remedial construction conducted, and community involvement activities. Note that this is an Interim RACR only. Final RACR documents will be submitted once remediation activities have been completed for the site.

Completed Area Name: OU-3
Completed Sub Area Name: 8 & 12
Completed Document Type: Technical Workplan
Completed Date: 12/14/2007
Comments: This Sampling and Analysis Plan allows better delineation of the excavation footprint and proper classification of the excavated soil for disposal purposes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 03/25/1993
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1 Soil
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 05/06/2011
Comments: Not reported

Completed Area Name: OU 2B & 3
Completed Sub Area Name: 1&2 GW
Completed Document Type: Proposed Plan
Completed Date: 05/11/2011
Comments: Not reported

Completed Area Name: Sites 18 & 24
Completed Sub Area Name: Not reported

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Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/13/2007
Comments: Signature page and front cover page were received on November 26, 2007. DTSC concurred with the final PMSAP on December 13, 2007. The PMSAP, which is one of the four documents comprising the comprehensive operation and maintenance (O&M) plan for groundwater remedy at IRP Sites 18&24, identifies the criteria and analysis methods to evaluate the performance of the remedy, which is groundwater extraction and treatment.

Completed Area Name: OU-3
Completed Sub Area Name: 1 Soil
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 05/08/2009
Comments: The Navy presented the response to regulators' comments (RTCs) on the draft Work Plan at the January 28, 2009 BCT meeting. After subsequent discussion on the RTCs, the RTCs were accepted and the Navy incorporated them into the Final Work Plan. As a result, a Draft Final was not necessary. Results of the Pilot Study will be used in the Feasibility Study for groundwater remediation at Sites 1 and 2. DTSC concurred with and accepted as written the Final Pilot Study Work Plan on May 8, 2009.

Completed Area Name: OU-2B
Completed Sub Area Name: 17
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/19/2009
Comments: Because regulatory agencies did not have any comments on the draft report, the Navy finalized the report from draft stage. The final report documents that the remedial action construction conforms to the intent of the plans and specifications in the remedial design, and that construction activities were performed in accordance with the remedial action work plan. DTSC concurs with the report and accepts it as written on March 19, 2009.

Completed Area Name: Sites 18 & 24
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/27/2008
Comments: DTSC noted the Navy's plan to add 2 wells to the monitoring network. These wells would help in determining the groundwater gradient and direction of water flow in the Principal Aquifer underneath the Base. The wells were listed in the final Performance Monitoring Plan but was inadvertently left out by the Navy contractor. Monitoring of these wells will start in Summer 2008. DTSC also requested the Navy to investigate the presence of 1,2,3-TCP.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Various
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 06/19/2008
Comments: This SEBS summarizes the environmental conditions of parcels II-F and II-U. It also serves as a supporting document for the Finding of Suitability for Transfer (FOST) 3 report for parcels I-C and II-U.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: HANGAR 297

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Completed Document Type: Site Summary Report
Completed Date: 09/16/2008
Comments: DTSC sent a letter to the Navy forwarding the memorandum from California Department of Public Health releasing the building for unrestricted use.

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Record of Decision w/ESD
Completed Date: 02/05/2009
Comments: DTSC accepts the Final Explanation of Significant Differences (ESD) as written on February 5, 2009. The ESD proposes to make the confirmation soil vapor sampling (at the end of groundwater remediation) part of the groundwater Record of Decision (ROD). The sampling was part of the soil ROD.

Completed Area Name: OU-3
Completed Sub Area Name: 1 Soil
Completed Document Type: Site Characterization Workplan
Completed Date: 08/29/2008
Comments: The final Work Plan, which presents the objectives and procedures to characterize munitions at Site 1, was accepted by DTSC on August 29, 2008. The scope of the munitions investigation include characterizing munitions (a) at the site and on adjacent property to the northwest, (b) in the soil-filled ammunition cans near the observation bunker, and (c) in a drum near Building 795.

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Other Report
Completed Date: 04/24/2009
Comments: DTSC received Navy's response to its comments March 1, 2009. DTSC find it acceptable and accept the report as final on April 24, 2009.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 371B
Completed Document Type: Site Characterization Report
Completed Date: 03/11/2009
Comments: DTSC concurs with the final report and accepts it as written on March 11, 2009.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 130C
Completed Document Type: Site Characterization Report
Completed Date: 03/19/2009
Comments: DTSC did not have comments on the draft report so the Navy finalized the report. On March 19, 2009, DTSC concurred with the Navy's recommendation that the site poses no significant risks to human health and that no further action is necessary, and accepted the report as written.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 771
Completed Document Type: Site Characterization Report
Completed Date: 03/20/2009
Comments: DTSC did not have comments on the draft report so the Navy finalized the report. On March 20, 2009, DTSC concurred with the Navy's

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

recommendation that the site poses no significant risks to human health and that no further action is necessary.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: PRLs
Completed Document Type: Site Characterization Report
Completed Date: 09/25/2009
Comments: On September 25, 2009, DTSC concurs with the No-Further-Investigation recommendation for PRL 354 and accepts the Final Summary Report, Group VI PRLs Site Inspection as written.

Completed Area Name: * BASEWIDE
Completed Sub Area Name: PRLs
Completed Document Type: Site Characterization Report
Completed Date: 02/04/2009
Comments: DTSC concurred on February 4, 2009 with the Navy's No-Further-Investigation recommendation for these PRLs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 03/24/2011
Comments: DTSC issued the FOST #6 concurrence after reviewing the PDF version of the Final FOST #6 report.

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: 1, 2, & AA3
Completed Document Type: Monitoring Report
Completed Date: 04/06/2011
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/11/2010
Comments: DTSC has no comments on the report and accepted the report as written on February 10, 2010.

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/07/2010
Comments: DTSC has no comment on the draft report, concurs with its conclusions, and accepts it as final.

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/23/2010
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Long Term Monitoring Report
Completed Date: 03/17/2011
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Other Report
Completed Date: 02/25/2010
Comments: Because the Navy has acknowledged the comments made by DTSC and will make revision to reports of future monitoring events where appropriate, DTSC accepts the draft report as final.

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/09/2010
Comments: On February 9, 2010, DTSC concurs with the conclusions in the Report and accepts it as written.

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Other Report
Completed Date: 11/04/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/31/2009
Comments: The Navy submitted the final instead of the draft final report on October 1, 2009 due to straightforward resolution of comments from regulators. DTSC accepted the final report as written on December 31, 2009.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 155B
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/12/2010
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 297
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/15/2009
Comments: The delay between mid-2007 to recently is due to the Navy's implementation of an excavation of petroleum-impacted soil at the site in February and March 2009. The RWQCB concurred with the no-further-action designation for TAA 297 in July 2009. DTSC accepted the final report as written on December 15, 2009.

Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/23/2010
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: TAA 5B
Completed Document Type: Site Summary Report
Completed Date: 04/08/2009
Comments: DTSC concurs this date with the no-further-action recommendation for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

the site and accepts the final report as written on April 8, 2009.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: MSC P1 U2
Completed Document Type: Site Summary Report
Completed Date: 04/09/2009
Comments: DTSC agrees with the no-further-action recommendation and accepts the Report as written on April 9, 2009.

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Record of Decision w/ESD
Completed Date: 12/03/2009
Comments: DTSC accepted as written the final version of the ESD containing all federal facility agreement (FFA) signatories on December 3, 2009.

Completed Area Name: OU-2A
Completed Sub Area Name: 24
Completed Document Type: Removal Action Workplan Amendment
Completed Date: 01/21/2010
Comments: DTSC concurs with the Final Work Plan Amendment and accepts it as written on January 20, 2010.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PCB A1 & TAA 370
Completed Document Type: Site Summary Report
Completed Date: 02/11/2011
Comments: Not reported

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: 1, 2, & AA3
Completed Document Type: Monitoring Report
Completed Date: 11/15/2010
Comments: DTSC has no comments on the Draft Report and accepts it as final.

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: 1, 2, & AA3
Completed Document Type: Monitoring Report
Completed Date: 08/11/2011
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 1 Soil
Completed Document Type: Removal Action Completion Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: OU-2C
Completed Sub Area Name: 3 & 5
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/13/2012
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/08/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/09/2011
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Long Term Monitoring Report
Completed Date: 11/22/2010
Comments: DTSC has no comments on the draft report and accepts it as final.

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: OU 2B & 3
Completed Sub Area Name: 1&2 GW
Completed Document Type: Feasibility Study Report
Completed Date: 04/29/2011
Comments: Not reported

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/08/2010
Comments: Not reported

Completed Area Name: OU-2B
Completed Sub Area Name: 2 Soil & 17
Completed Document Type: Record of Decision w/ESD
Completed Date: 03/16/2011
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: APHO 11
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/18/2012
Comments: Not reported

Completed Area Name: OU-3
Completed Sub Area Name: 16
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/11/2011
Comments: Not reported

Completed Area Name: OU-1&2A
Completed Sub Area Name: 18&24
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/07/2011
Comments: Not reported

Completed Area Name: OU-1&2A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL TORO MCAS (Continued)

S101272791

Completed Sub Area Name: 18&24
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/07/2012
Comments: Not reported

Completed Area Name: OU 2B & 3
Completed Sub Area Name: 1&2 GW
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/05/2011
Comments: Not reported

Completed Area Name: * NOT SPECIFIED
Completed Sub Area Name: AA3
Completed Document Type: Operations and Maintenance Plan
Completed Date: 10/06/2011
Comments: Not reported

Future Area Name: * BASEWIDE
Future Sub Area Name: Various
Future Document Type: Finding of Suitability to Transfer
Future Due Date: 2012
Future Area Name: OU-3
Future Sub Area Name: 16
Future Document Type: Operations and Maintenance Report
Future Due Date: 2012
Future Area Name: * NOT SPECIFIED
Future Sub Area Name: AA3
Future Document Type: Remedial Action Completion Report
Future Due Date: 2012
Future Area Name: Sites With No Operable Unit
Future Sub Area Name: HANGAR 296
Future Document Type: Site Characterization Report
Future Due Date: 2012
Future Area Name: OU-2B
Future Sub Area Name: 2 Soil & 17
Future Document Type: Operations and Maintenance Report
Future Due Date: 2012
Future Area Name: OU 2B & 3
Future Sub Area Name: 1&2 GW
Future Document Type: Remedial Action Completion Report
Future Due Date: 2012
Future Area Name: OU-2B
Future Sub Area Name: 2 Soil & 17
Future Document Type: Operations and Maintenance Report
Future Due Date: 2013
Future Area Name: OU-3
Future Sub Area Name: 1 Soil
Future Document Type: Proposed Plan
Future Due Date: 2013
Future Area Name: OU-3
Future Sub Area Name: 1 Soil
Future Document Type: Record of Decision
Future Due Date: 2014
Future Area Name: OU-3
Future Sub Area Name: 1 Soil
Future Document Type: Remedial Action Completion Report
Future Due Date: 2014

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EL TORO MCAS (Continued)

S101272791

Future Area Name: OU-2C
 Future Sub Area Name: 3 & 5
 Future Document Type: Operations and Maintenance Report
 Future Due Date: 2012
 Future Area Name: OU 2B & 3
 Future Sub Area Name: 1&2 GW
 Future Document Type: Removal Action Completion Report
 Future Due Date: 2014
 Future Area Name: OU-1&2A
 Future Sub Area Name: 18&24
 Future Document Type: Operations and Maintenance Report
 Future Due Date: 2013
 Future Area Name: OU-3
 Future Sub Area Name: 1 Soil
 Future Document Type: Remedial Investigation / Feasibility Study
 Future Due Date: 2012
 Future Area Name: * NOT SPECIFIED
 Future Sub Area Name: AA3
 Future Document Type: Operations and Maintenance Report
 Future Due Date: 2013
 Future Area Name: OU-3
 Future Sub Area Name: 1 Soil
 Future Document Type: Design/Implementation Workplan
 Future Due Date: 2014
 Future Area Name: OU-1&2A
 Future Sub Area Name: 18&24
 Future Document Type: Operations and Maintenance Report
 Future Due Date: 2012
 Schedule Area Name: * BASEWIDE
 Schedule Sub Area Name: Various
 Schedule Document Type: Finding of Suitability to Transfer
 Schedule Due Date: 12/30/2011
 Schedule Revised Date: Not reported
 Schedule Area Name: OU-3
 Schedule Sub Area Name: 16
 Schedule Document Type: Removal Action Completion Report
 Schedule Due Date: 06/07/2011
 Schedule Revised Date: Not reported
 Schedule Area Name: OU-2C
 Schedule Sub Area Name: 3 & 5
 Schedule Document Type: Remedial Action Completion Report
 Schedule Due Date: 06/28/2012
 Schedule Revised Date: Not reported

8
NNW
1/2-1
0.833 mi.
4396 ft.

UC, SOUTH COAST STATION
7601 IRVINE BOULEVARD
IRVINE, CA 92718

Toxic Pits S100925146
N/A

Relative:
Higher

Toxic Pits:
 Region: 08
 Task #: 88006
 Owner: UNIVERSITY OF CALIFORNIA
 1/2 Mi Limit: Not reported
 Num. of Pits: 1
 Cease Discharge Due: 06/30/88
 Cease Discharge Complete: 10/15/87

Actual:
423 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UC, SOUTH COAST STATION (Continued)

S100925146

Closure Due: 06/30/90
Closure Completed: 02/21/91
Status: CLOSED
Hydro Geological Assessment Report Due: / /
Final Hydro Geological Assessment Review Completed: 03/16/90

Count: 12 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
IRVINE	S107863478	TVI AGUA CHINON CHIPPING/GRINDING	241ST TOLL R BLVD & N ST		SWF/LF
IRVINE	1008274057	MEADOW PARK ELEMENTARY	50 BLUE LAKE S		FINDS
IRVINE	S109349400	ORANGE COUNTY COMPOSTING, LLC	1 M ENE IRVINE BLVD AND MODJEC		SWF/LF
IRVINE	U004069148	CHEVRON #30-6957	6320 IRVINE BLVD	92618	UST
IRVINE	S108541188	PNK GROUP INC DBA PIALAGO CLEANERS	6290 IRVINE BLVD	92618	DRYCLEANERS, HAZNET
IRVINE	1010562188	CHEVRON 306957	6320 IRVINE BLVD	92618	RCRA-SQG, HAZNET
IRVINE	S107863479	TVI AGUA CHINON DEMONSTRATION COMP	1 MEIRVINEBLVDN ST		SWF/LF
IRVINE	S111292367	PARK AT SPECTRUM	SW PLANNING AREA 33	92618	NPDES
IRVINE	S109459641	STONEGATE ELEMENTARY SCHOOL	SEC OF ENCORE & HONORS	92618	NPDES
IRVINE	S108985891	US MARINE CORP AIR STATION EL TORO	TRABUCO		SLIC
IRVINE	S111292345	PA 40 MIDDLE SCHOOL	155 VISIONS	92618	NPDES
ORANGE COUNTY	M300003124	VULCAN MATERIALS CO.	IRVINE LAKE (#014)		MINES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 05/08/2012	Source: EPA
Date Data Arrived at EDR: 05/10/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 5	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	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: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/13/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/24/2012
	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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 07/02/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/15/2012
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 06/13/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/14/2012	Telephone: 916-323-3400
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 08/07/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

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: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	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: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	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: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

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

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

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

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

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: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

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

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 05/25/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/19/2012	Source: SWRCB
Date Data Arrived at EDR: 07/19/2012	Telephone: 916-341-5851
Date Made Active in Reports: 08/06/2012	Last EDR Contact: 07/19/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/01/2012
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/03/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-9424
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 05/02/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/16/2012	Last EDR Contact: 08/03/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/07/2012	Source: EPA Region 10
Date Data Arrived at EDR: 05/08/2012	Telephone: 206-553-2857
Date Made Active in Reports: 07/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 69	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/17/2012	Telephone: 913-551-7003
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/28/2012	Source: EPA Region 5
Date Data Arrived at EDR: 02/29/2012	Telephone: 312-886-6136
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011	Source: EPA Region 9
Date Data Arrived at EDR: 11/29/2011	Telephone: 415-972-3368
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/12/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 04/03/2012	Telephone: 617-918-1102
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/02/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/15/2012
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 06/13/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/14/2012	Telephone: 916-323-3400
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 08/07/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/25/2012
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/03/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/07/2012
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/11/2012	Source: Department of Conservation
Date Data Arrived at EDR: 06/14/2012	Telephone: 916-323-3836
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 06/14/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/01/2012
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/10/2012	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 05/10/2012	Telephone: 916-341-6422
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 06/27/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 08/03/2012
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/16/2012	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/12/2012	Telephone: 202-307-1000
Date Made Active in Reports: 07/16/2012	Last EDR Contact: 06/04/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 06/04/2012
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/16/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2012	Telephone: 202-564-6023
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 07/27/2012
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/12/2012
	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	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/21/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/12/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/13/2012	Telephone: 916-323-3400
Date Made Active in Reports: 04/02/2012	Last EDR Contact: 06/25/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEED: Deed Restriction Listing

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

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/12/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/28/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 24

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/15/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/04/2012	Telephone: (415) 495-8895
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/02/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/15/2012
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/09/2011	Telephone: 202-366-4595
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 08/07/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/19/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/29/2012
	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: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/11/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/25/2012	Telephone: Varies
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 06/27/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/15/2012
	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: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 06/13/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/10/2012
	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: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 06/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/29/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/27/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/12/2012
	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: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/21/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/19/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/11/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 09/24/2012
	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: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 07/11/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (415) 947-8000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 06/12/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/24/2012
	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: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	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: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/01/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/23/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 12/09/2011
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 35

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 07/24/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 69

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CAL SITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
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: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/19/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 07/19/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/05/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

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

Date of Government Version: 05/23/2012	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 05/24/2012	Telephone: 916-341-6066
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 05/21/2012
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/19/2012
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: N/A

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/01/2007	Telephone: 916-255-3628
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/03/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/03/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 06/01/2012	Source: Department of Public Health
Date Data Arrived at EDR: 06/12/2012	Telephone: 916-558-1784
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 06/12/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 05/24/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/05/2012	Telephone: 202-566-1917
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 05/21/2012
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 03/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/17/2012	Telephone: 617-520-3000
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 08/07/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 04/04/2012	Telephone: 202-564-6023
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/02/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/15/2012
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/18/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/31/2012
Date Data Arrived at EDR: 06/01/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 04/11/2012
Date Data Arrived at EDR: 04/12/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 26

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 04/03/2012	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 04/04/2012	Telephone: 510-567-6700
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 06/27/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/15/2012
	Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/03/2012	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 04/04/2012	Telephone: 510-567-6700
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 06/27/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/15/2012
	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: 06/13/2012	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 06/14/2012	Telephone: 925-646-2286
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 08/06/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Semi-Annually

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 08/27/2012
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: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/09/2012
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 05/29/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 23

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/26/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/23/2012
Date Data Arrived at EDR: 04/24/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 31

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/26/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/24/2012
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/12/2012
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 08/02/2012
Number of Days to Update: 10

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 05/22/2012
Date Data Arrived at EDR: 05/29/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 38

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/23/2012
Next Scheduled EDR Contact: 10/22/2012
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: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 25

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 34

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 05/24/2012
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/12/2012
Date Data Arrived at EDR: 06/13/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 23

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/23/2012
Date Data Arrived at EDR: 04/24/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/06/2012
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Toxic Site Clean-Up List

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

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 04/16/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 22

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 02/02/2012
Date Data Arrived at EDR: 04/17/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 05/30/2012
Date Data Arrived at EDR: 05/31/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 36

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Environmental Case Listing

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

Date of Government Version: 03/23/2010	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 06/11/2012
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 08/07/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011	Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011	Last EDR Contact: 08/07/2012
Number of Days to Update: 5	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 06/25/2012	Source: Environmental Health Department
Date Data Arrived at EDR: 06/27/2012	Telephone: N/A
Date Made Active in Reports: 07/31/2012	Last EDR Contact: 06/21/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/08/2012
	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: 04/09/2012	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/09/2012	Telephone: 650-363-1921
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 06/17/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/01/2012
	Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 06/19/2012	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 06/20/2012	Telephone: 650-363-1921
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 06/18/2012
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/01/2012
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 06/04/2012
Date Data Arrived at EDR: 06/08/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/15/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 10

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
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: 06/18/2012
Date Data Arrived at EDR: 06/21/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/18/2012
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 03/31/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 08/09/2012
Number of Days to Update: 41

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/11/2012	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 06/12/2012	Telephone: 530-822-7500
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/24/2012
	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: 03/30/2012	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 05/25/2012	Telephone: 805-654-2813
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 05/21/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 07/03/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 05/21/2012
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/30/2012	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 05/04/2012	Telephone: 805-654-2813
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 07/30/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/12/2012
	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: 06/27/2012	Source: Environmental Health Division
Date Data Arrived at EDR: 06/29/2012	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2012	Last EDR Contact: 06/27/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/01/2012
	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: 06/29/2012	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/09/2012	Telephone: 530-666-8646
Date Made Active in Reports: 08/02/2012	Last EDR Contact: 06/21/2012
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/08/2012
	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: 05/21/2012	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/22/2012	Telephone: 860-424-3375
Date Made Active in Reports: 05/31/2012	Last EDR Contact: 05/22/2012
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/20/2011	Telephone: N/A
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 07/19/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 05/01/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/09/2012	Telephone: 518-402-8651
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 08/09/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/27/2012	Telephone: 717-783-8990
Date Made Active in Reports: 06/05/2012	Last EDR Contact: 07/19/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/05/2012
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/22/2012	Telephone: 401-222-2797
Date Made Active in Reports: 07/31/2012	Last EDR Contact: 02/27/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010

Date Data Arrived at EDR: 08/19/2011

Date Made Active in Reports: 09/15/2011

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 07/16/2012

Next Scheduled EDR Contact: 10/01/2012

Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GREAT PARK HIGH SCHOOL
IRVINE BLVD
IRVINE, CA 92618

TARGET PROPERTY COORDINATES

Latitude (North):	33.674 - 33° 40' 26.40"
Longitude (West):	117.7132 - 117° 42' 47.52"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	433884.8
UTM Y (Meters):	3726045.5
Elevation:	408 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 principal investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

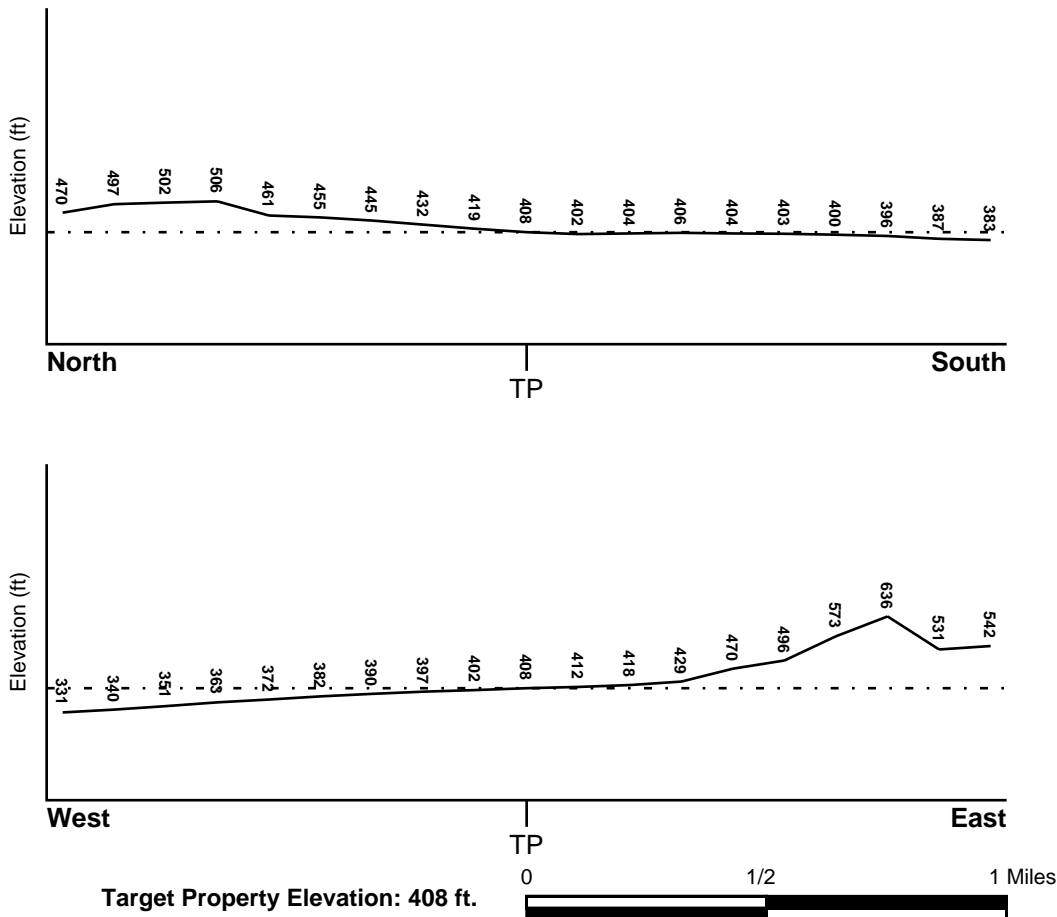
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

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

<u>Target Property County</u> ORANGE, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06059C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> EL TORO	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

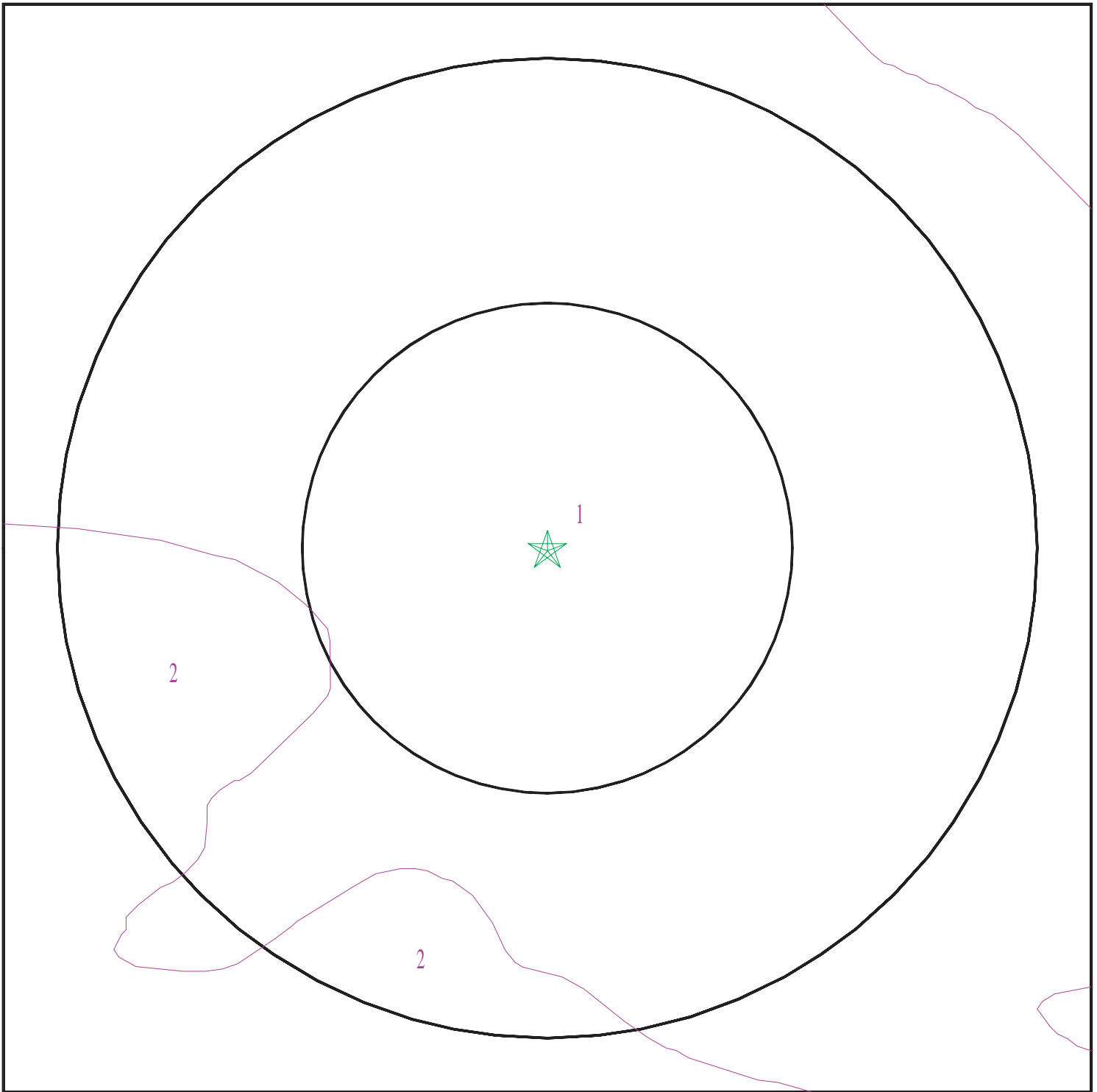
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 3384370.5s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Great Park High School
ADDRESS: Irvine Blvd
Irvine CA 92618
LAT/LONG: 33.674 / 117.7132

CLIENT: The Planning Center
CONTACT: Denise Clendening
INQUIRY #: 3384370.5s
DATE: August 09, 2012 12:49 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	16 inches	62 inches	stratified sand to fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: SAN EMIGDIO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	7 inches	61 inches	stratified gravelly loamy coarse sand to very fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3125206	1/4 - 1/2 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		_____

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

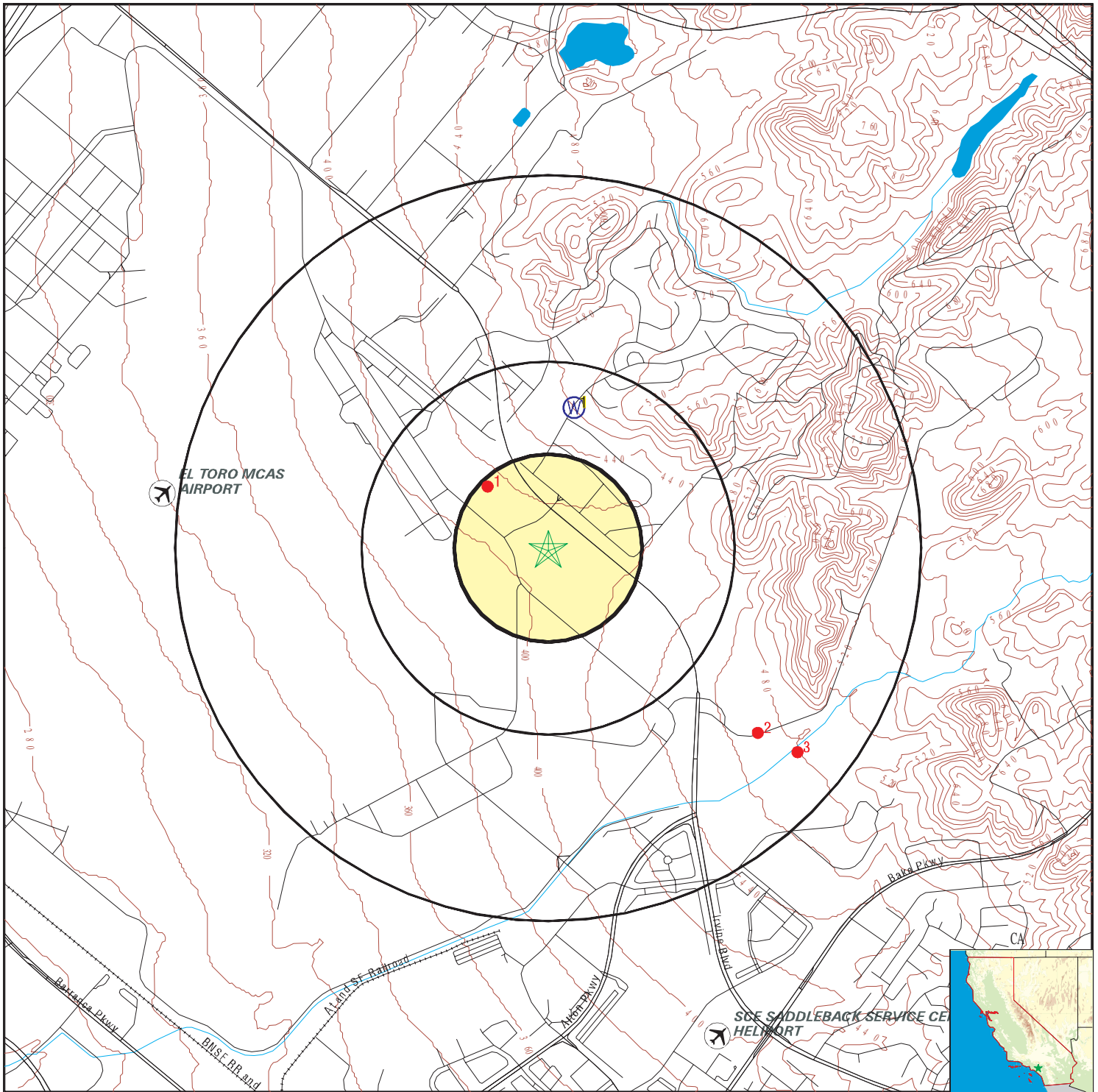
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

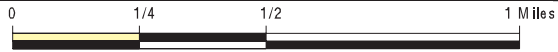
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG80000007737	1/8 - 1/4 Mile NW
2	CAOG80000006297	1/2 - 1 Mile SE
3	CAOG80000006219	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 3384370.5s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Great Park High School
 ADDRESS: Irvine Blvd
 Irvine CA 92618
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CLIENT: The Planning Center
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 INQUIRY #: 3384370.5s
 DATE: August 09, 2012 12:48 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1		
North		FED USGS
1/4 - 1/2 Mile		USGS3125206
Higher		

Agency cd:	USGS	Site no:	334046117424001
Site name:	006S008W04J001S	EDR Site id:	USGS3125206
Latitude:	334046	Dec lat:	33.67946512
Longitude:	1174240	Coor meth:	M
Dec lon:	-117.71199636	Latlong datum:	NAD27
Coor accr:	U	District:	06
Dec latlong datum:	NAD83	County:	059
State:	06	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	10		
Altitude datum:	Not Reported		
Hydrologic:	Newport Bay. California. Area = 154 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1953-12-14
Water quality data end date:	1957-03-22	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

NW

1/8 - 1/4 Mile

OIL_GAS

CAOG8000007737

Districtnu:	1	Apinumber:	05900884
Activewell:	Y	Well type:	OG
Wellsymbol:	AP	Confidenti:	Not Reported
Operatorna:	Calny Oil Co.		
Wellnumber:	1	Leasename:	Irvine
Blmwell:	N	Countyname:	Orange
Fieldname:	Any Field		
Areaname:	Any Area		
Section :	4	Township:	06S
Range:	08W	Basemeri:	SB
Elevation:	Not Reported		
Locationde:	Not Reported		
Latitude83:	33.676398		
Longitude8:	-117.716021		
Gissourcec:	hud		
Comments:	Not Reported		
Operatorco:	01287	Cacountyco:	059
Fieldcode:	000	Areacode:	00
Td:	0		
Site id:	CAOG8000007737		

2

SE

1/2 - 1 Mile

OIL_GAS

CAOG8000006297

Districtnu:	1	Apinumber:	05901208
Activewell:	N	Well type:	OG
Wellsymbol:	DH	Confidenti:	Not Reported
Operatorna:	CalResources LLC		
Wellnumber:	19	Leasename:	Irvine Corehole
Blmwell:	N	Countyname:	Orange
Fieldname:	Any Field		
Areaname:	Any Area		
Section :	10	Township:	06S
Range:	08W	Basemeri:	SB
Elevation:	Not Reported		
Locationde:	Not Reported		
Latitude83:	33.666811		
Longitude8:	-117.703444		
Gissourcec:	hud		
Comments:	Not Reported		
Operatorco:	C1360	Cacountyco:	059
Fieldcode:	000	Areacode:	00
Td:	0		
Site id:	CAOG8000006297		

3

SE

1/2 - 1 Mile

OIL_GAS

CAOG8000006219

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901077
Activewell:	N	Well type:	OG
Wellsymbol:	DH	Confidenti:	Not Reported
Operatorna:	Morton and Sons		
Wellnumber:	174-1	Leasename:	Irvine
Blmwell:	N	Countyname:	Orange
Fieldname:	Any Field		
Areaname:	Any Area		
Section :	10	Township:	06S
Range:	08W	Basemeri:	SB
Elevation:	Not Reported		
Locationde:	Not Reported		
Latitude83:	33.66606		
Longitude8:	-117.701596		
Gissourcec:	hud		
Comments:	Not Reported		
Operatorco:	06085	Cacountyco:	059
Fieldcode:	000	Areacode:	00
Td:	0		
Site id:	CAOG80000006219		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92618	24	0

Federal EPA Radon Zone for ORANGE County: 3

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

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

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

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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