

APPENDIX H
HAZARDS

**HAZARDOUS MATERIALS ASSESSMENT
SOUTHERN CALIFORNIA EDISON
WEST OF DEVERS UPGRADE PROJECT
RIVERSIDE AND SAN BERNARDINO
COUNTIES, CALIFORNIA**

PREPARED FOR:

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September 5, 2013
Project No. 208520002

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Ms. Mona McGuire DeLeon, AICP
Principal
LSA Associates
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Carlsbad, California 92011

Subject: Hazardous Materials Assessment
Southern California Edison
West of Devers Upgrade Project
Riverside and San Bernardino Counties, California

Dear Ms. DeLeon:

In accordance with your authorization and our proposal, Ninyo & Moore has performed a Hazardous Materials Assessment of the proposed West of Devers Upgrade (WOD) Project. The attached report presents our methodology, findings, opinions, and conclusions regarding the environmental conditions along the WOD project.

Sincerely,
NINYO & MOORE



Jesus Villanueva
Senior Staff Engineer



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Senior Geologist

JEV/BAP/JJR/sc

Distribution: (1) Addressee (via e-mail)

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1. INTRODUCTION

LSA Associates (LSA, the Client) authorized Ninyo & Moore to perform a Hazardous Materials Assessment (HMA) for the West of Devers Upgrade Project (Proposed Project), in the cities of Banning, Beaumont, Calimesa, Colton, Grand Terrace, Loma Linda, Palm Springs, Rancho Cucamonga, Redlands, San Bernardino, and Yucaipa, and unincorporated areas of Riverside and San Bernardino Counties. The HMA was performed to identify (to the extent practical) contaminated and potentially contaminated areas and other hazardous materials issues within the Proposed Project. The Proposed Project will generally be located in the existing Southern California Edison (SCE) alignment, which travels from Vista Substation (located in Grand Terrace) to Devers Substation (located near Palm Springs) discussed herein as Segment 1 through Segment 6 (Figure 1). The HMA has been performed in accordance with Ninyo & Moore's proposal and cost estimate dated October 6, 2011.

1.1. Purpose and Scope of Investigation

The purpose of this HMA was to evaluate the likelihood that hazardous materials may be present in soil or groundwater beneath the Proposed Project as a result of on-site activities. The likelihood of specific areas of the Proposed Project being contaminated by hazardous materials was ranked as high, moderate, or low based on the following descriptions:

- **High** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a leaking underground storage tank (LUST) facility where remediation had not been started or was not yet finished.
- **Moderate** – Property with potential or suspected contamination within the area of the project. Examples of properties in this category would be LUST facilities in final stages of remediation or in post-remediation monitoring. A second example would be a property with known use and storage of hazardous materials which had received violation notices from inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities where underground storage tanks (USTs) are likely present and/or facilities that have used significant quantities of hazardous materials, but appear to be abandoned by their former operators.
- **Low** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical handling practices. Example

properties would be UST or dry cleaning facilities with no documented releases or where remediation of previous releases had been completed.

As presented in this report, Ninyo & Moore has been retained to conduct an HMA for the Project Study Area outlined on Figure 1 to identify areas of the Proposed Project where unauthorized releases of hazardous materials have occurred. The scope of this HMA included but was not limited to the following tasks:

- Perform a visit to the proposed Project Study Area to visually evaluate site characteristics for possible contaminated surface soil or surface water, improperly stored hazardous materials, possible sources of polychlorinated biphenyls (PCBs), and possible risks of contamination from activities at the facilities. Properties within and adjoining the proposed Project Study Area were visually evaluated from public rights-of-way (ROWs), only.
- Perform a site vicinity reconnaissance to evaluate characteristics of adjacent properties for possible environmental influences on the Project Study Area.
- Perform a review of a computerized database search of readily available government and regulatory agency environmental lists for the Proposed Project and for properties located within approximately one eighth mile of the proposed Project Study Area. The objective of the database search was to evaluate locations where possibly hazardous materials may have been used or stored and their possible effects on the Proposed Project.
- Perform a review of the historical land use of the Proposed Project to provide an overview of past uses that likely involved the use or storage of hazardous materials. Information used to review the project history includes, but is not necessarily limited to, readily available historical aerial photographs, Sanborn Fire Insurance Rate Maps, and historic United States Geological Survey (USGS) Topographic Maps. Ninyo & Moore attempted to note historical project area uses involving the use of storage of hazardous materials from the time when the Project Study Area was undeveloped.
- Develop preliminary mitigation alternatives for hazardous materials issues which may impact the Proposed Project.
- Prepare this stand-alone HMA report. This report provides a discussion of findings, conclusions, and mitigation measures regarding the current environmental condition of the Proposed Project and recommendations for supplemental assessment, as appropriate.

1.2. Limitations

This HMA has been prepared for use by LSA. The information presented in this report is based on the project scope of services (Section 1.1). Ninyo & Moore has relied on information provided by others in our description of historical conditions and our review of regulatory databases and files. However, Ninyo & Moore makes no warranties or guarantees regarding the accuracy or completeness of the information provided or compiled by others. Ninyo & Moore observed properties from public ROWs only. Ninyo & Moore did not conduct interviews with individual tenants within the Project Study Area.

No HMA can completely eliminate uncertainty regarding the potential for hazardous materials conditions in connection with a property. Performance of this HMA is intended to reduce, but not eliminate, uncertainty regarding the presence of hazardous materials conditions. The available data do not provide definitive information relative to past uses, operations, or incidents at the Project Study Area or adjacent properties. The existence of contamination within the Project Study Area that was not identified during this HMA is possible and cannot be adequately assessed without additional research beyond the stated scope of services. Further evaluation of these types of risks could include subsurface exploration, sampling, and/or other forms of testing.

In addition, some substances may be present within the Project Study Area or in the vicinity in quantities below those categorized as actionable by current environmental regulations. Ninyo & Moore cannot be responsible if regulatory standards are changed in the future in a manner that renders the Proposed Project conditions actionable.

2. PROJECT DESCRIPTION/SETTING

2.1. Overview

The following sections provide a description of the land uses at the Proposed Project. Because of the size of the Proposed Project for this report Ninyo & Moore refers to the Proposed Project as six geographic areas; Segment 1 through Segment 6, as discussed in the following sections (see Figure 1).

2.2. Regional Setting

The Proposed Project includes approximately 48 corridor miles and passes through the cities of Banning, Beaumont, Calimesa, Colton, Grand Terrace, Loma Linda, Palm Springs, Rancho Cucamonga, Redlands, San Bernardino, and Yucaipa, and unincorporated areas of Riverside and San Bernardino Counties. The majority of Proposed Project facilities will be located in the existing SCE alignment, which travels from Vista Substation (located in Grand Terrace) and San Bernardino Substation (located in San Bernardino) to Devers Substation (located near Palm Springs). The Proposed Project has been divided into six geographic segments that include the following proposed upgrades:

Segment 1

- Segment 1 is approximately 3.5 miles in length and extends south from San Bernardino Substation to San Bernardino Junction and includes the following existing 220 kilovolt (kV) transmission lines: Devers-San Bernardino, Etiwanda-San Bernardino, San Bernardino-Vista, and El Casco-San Bernardino. Proposed work within Segment 1 would include the removal of approximately 44 existing double-circuit lattice steel towers (LSTs), one single-circuit LST, 59 miles of existing conductor, and 7 miles of existing overhead ground wire (OHGW). Proposed work would also include the installation of approximately 55 double-circuit LSTs, 6 single-phase tubular steel poles (TSPs), 87 miles of new conductor, and 7 miles of new Optical Ground Wire (OPGW). The newly rebuilt 220 kV transmission lines in this segment would connect to the existing 220 kV switchrack inside San Bernardino Substation.
- This segment of transmission line corridor crosses San Timoteo Creek through the city of Loma Linda to San Bernardino Substation near the Santa Ana River.
- Segment 1 consists of agricultural, residential, and commercial development and crosses the Interstate 10 (I-10) freeway on the northern portion of the transmission corridor.

Segment 2

- Segment 2 is approximately 5 miles in length and extends west from San Bernardino Junction to Vista Substation and includes Devers-Vista No. 1 and Devers-Vista No. 2 220 kV transmission lines. The existing structures and existing conductor would be removed and replaced within existing ROW. Proposed work within Segment 2 would include the removal of approximately 29 double-circuit LSTs, 31 miles of conductor, and 5 miles of OHGW. Proposed work would also include the installation of, approximately 35 double-circuit LSTs, 4 double-circuit TSPs, 67 miles of new conductor, and 6

miles of new OPGW. The newly rebuilt 220 kV transmission lines in this segment would connect to the existing 220 kV switchrack inside Vista Substation.

- The transmission line corridor continues east through the San Timoteo Badlands, through the cities of Colton and Grand Terrace, terminating at Vista Substation near the Santa Ana River.
- Segment 2 consists of undeveloped grassy hillside and residential properties and developed with the I-215 freeway on the western portion of the transmission line corridor.

Segment 3

- Segment 3 is approximately 10 miles in length and extends east from San Bernardino Junction to El Casco Substation and includes the following existing 220 kV transmission lines: Devers-Vista No. 1, Devers-Vista No. 2, El Casco-San Bernardino, and Devers-San Bernardino. The existing structures and existing conductor would be removed and replaced within existing ROW. Proposed work within Segment 3 would include the removal of approximately 34 double-circuit LSTs, 82 single-circuit LSTs 120 miles of conductor, and 50 miles of OHGW. Proposed work would also include the installation of, approximately 133 double-circuit LSTs, 264 miles of new conductor, and 22 miles of new OPGW. The newly rebuilt El Casco-San Bernardino 220 kV transmission line in this segment would connect to the existing 220 kV switchrack inside El Casco Substation.
- This segment of transmission line corridor traverses the San Timoteo Badlands. San Bernardino Junction is located in the San Timoteo Badlands near the city of Loma Linda and south of San Timoteo Creek.
- Segment 3 consists of mostly undeveloped grassy hillsides, valleys, fruit orchards, and scattered residential properties and horse ranches. The San Timoteo Sanitary Landfill property is adjacent to the transmission line corridor to the south on Refuse Road between El Casco Substation and San Bernardino Junction.

Segment 4

- Segment 4 is approximately 12 miles in length and extends east from El Casco Substation to San Gorgonio Avenue in the city of Banning and includes the following existing 220 kV transmission lines: Devers-Vista No. 1, Devers-Vista No. 2, Devers-El Casco, and Devers-San Bernardino. The existing structures and existing conductor would be removed and replaced within existing ROW. Proposed work within Segment 4 would include the removal of approximately 45 double-circuit LSTs, 64 single-circuit LSTs, 54 H-frame structures, one three pole structure, 144 miles of conductor, and 60 miles of OHGW. Proposed work would also include the installation of approximately 136 double-circuit LSTs, three single-phase wood poles with guys, 320 miles of new conductor,

and 26 miles of new OPGW. The newly rebuilt Devers-El Casco 220 kV transmission line in this segment would connect to the existing 220 kV switchrack inside El Casco Substation.

- The transmission line corridor traverses San Gorgonio Pass, including the northern edges of the cities of Banning and Beaumont, connecting with the newly constructed El Casco Substation in San Timoteo Canyon.
- Segment 4 consists of mostly undeveloped grassy hillsides, valleys, and developed residential properties, ranches, and crosses the I-10 freeway.

Segment 5

- Segment 5 is approximately 9 miles in length and extends east from San Gorgonio Avenue in the city of Banning to the eastern limit of the Morongo Indian Reservation at Rushmore Avenue and includes the following existing 220 kV transmission lines: Devers-Vista No. 1, Devers-Vista No. 2, Devers-El Casco, and Devers-San Bernardino. Proposed work within Segment 5 would include the removal of approximately 33 double-circuit LSTs, 34 single-circuit LSTs, 65 H-frame structures, 5 TSPs, 108 miles of conductor, and 45 miles of OHGW. Proposed work would also include the installation of approximately 72 LSTs, 36 TSPs, 250 miles of new conductor, and 20 miles of new OPGW.
- Segment 5 consists of mostly foothills and valleys with scattered residential developments.

Alternative Project

- The Alternative Project is approximately 3 miles in length and extends east from San Gorgonio Avenue in the city of Banning to the eastern limit of the trust land of the Morongo Band of Mission Indians (Reservation) at Rushmore Avenue, Devers-Vista No. 1, Devers-Vista No. 2, Devers-El Casco, and Devers-San Bernardino.
- Similar to the proposed alignment, the alternative alignment would deviate from the existing ROW near the intersection of Seminole Drive and Malki Road between Cabazon and Banning and extend approximately 3 miles across the Reservation. The alternative alignment would re-join the existing alignment ROW east of the gravel quarry along North Hathaway Street on the east side of the city of Banning. As shown on Figure 1, the alternative alignment in Segment 5 would be located approximately 500 feet to 1,500 feet south of and roughly parallel to the proposed alignment.
- Alternative Project consists of mostly foothills and valleys with scattered residential developments.

Segment 6

- Segment 6 is approximately 8 miles in length and extends east from the eastern limit of the Morongo Indian Reservation at Rushmore Avenue to Devers Substation and includes the following existing 220 kV transmission lines: Devers-Vista No. 1, Devers-Vista No. 2, Devers-El Casco, and Devers-San Bernardino. Proposed work within Segment 6 would include the removal of approximately 29 double-circuit LSTs, 31 single-circuit LSTs, 56 H-frame structures, 96 miles of conductor, and 40 miles of OHGW. Proposed work would also include the installation of approximately 93 double-circuit LSTs, 211 miles of new conductor, and 18 miles of new OPGW. The newly rebuilt 220 kV transmission lines in this segment would connect to the existing 220 kV switchrack inside Devers Substation.
- Segment 6 consists of mostly undeveloped desert land, valleys, irrigated pastures, with scattered residential structures and contains an active water well in a residential neighborhood approximately 6 miles west of Devers Substation. The enclosed well system included pumping equipment and a pad mounted transformer at the time of site reconnaissance.

3. AREA GEOLOGY AND HYDROGEOLOGY

The existing WOD corridor is situated within three of California's geomorphic regions, or "provinces." These provinces are generally bounded by large-scale tectonic-structural features such as faults and mountain ranges, and are characterized by the morphology of the landforms and the type and age of the geologic materials. The Proposed Project spans the Colorado Desert, Transverse Ranges and Peninsular Ranges Geomorphic Provinces.

Devers Substation and the eastern end of the alignment in the Coachella Valley are within the northwestern corner of the Colorado Desert Geomorphic Province. The Colorado Desert Geomorphic Province is considered the low desert area of Southern California and is characterized by a large structural trough area comprising the Coachella Valley, Salton Sea and Imperial Valley, and includes mountain ranges and hills of moderate relief (Norris and Webb, 1990).

The central portion of the WOD corridor is within the San Gorgonio Pass and extending west roughly to the Beaumont area is located along the border between the Transverse Ranges and Peninsular Ranges Provinces. This border is formed by the San Andreas Fault system, which extends from the western edge of the Coachella Valley near Devers through the San Gorgonio Pass along the San Gorgonio Pass Fault Zone. The steep foothills of the San Bernardino Mountains in

the pass north of the alignment are part of the Transverse Ranges Province. The western portion of the WOD corridor west of Beaumont, including the San Timoteo Badlands and San Bernardino Valley areas, is situated within the Peninsular Ranges Geomorphic Province.

The Transverse Ranges Province is characterized by east-west trending mountain ranges including the San Gabriel and San Bernardino Mountains and east-west trending fault systems including the Sierra Madre, Cucamonga and North Frontal Fault Zone. The Peninsular Ranges Province is located in the southwest part of the state and is characterized by northwest-trending mountain ranges including the San Jacinto Mountains south of the alignment and San Timoteo Badlands, and by northwest-trending fault systems including the San Jacinto Fault Zone (Norris and Webb, 1990). The WOD corridor crosses the San Jacinto Fault Zone in the San Timoteo Badlands near the west end of the alignment in the community of Loma Linda.

The geologic units underlying the WOD corridor are comprised primarily of young Holocene epoch deposits (last 11,000 years), older Pleistocene epoch sediments (11,000 to 2.6 million years ago) and older Pliocene epoch formations (2.6 to 5.3 million years old). Some older Mesozoic era (65 to 245 million years old) granitic rocks are present in the Grand Terrace area at the west end of the WOD corridor.

The younger Holocene sediments consist of stream, flood plain and alluvial fan deposits, and are generally present in low-lying valley and canyon bottoms within the project area. These areas generally include Devers Substation, Whitewater River channel, stream drainages in the San Gorgonio Pass, Beaumont and Banning areas, stream drainage areas in the San Timoteo Badlands and San Timoteo Canyon, and the San Bernardino Valley area. These younger Holocene sediments are typically comprised of unconsolidated, poorly sorted alluvial clay, silt, sand and gravel deposits. Holocene to late-Pleistocene landslide deposits are mapped within the WOD corridor in the San Timoteo Canyon area (USGS, Open-File Report [OFR] 01-450; USGS, 2003, OFR 03-302).

Pleistocene epoch sediments in the project area comprise older alluvial valley and fan deposits of gravel and sand and are primarily mapped in the San Gorgonio Pass, valley area between the city

of Beaumont and Cherry Valley, and in Grand Terrace. Older Pleistocene alluvial sediments are typically moderately to well consolidated and occasionally cemented. Pleistocene alluvial fanglomerate sediments are present in the steep terrain of the San Bernardino Mountains foothills in the San Gorgonio Pass and are comprised of weakly indurated, crudely bedded, unsorted boulders, cobbles and pebble detritus.

A Pliocene-Pleistocene epoch formation (the San Timoteo Beds) is mapped under a large part of the WOD corridor and extends from the Banning Bench westward through the San Timoteo Badlands and San Timoteo Canyon to the Loma Linda area near the west end of the alignment. The San Timoteo Beds occur in moderate to steep terrain and consist of weakly indurated sandstone, conglomerate, and interbedded silty claystone.

The older, Mesozoic era granitic rocks within the WOD corridor are mapped in a few outcrops in the Grand Terrace area and underlying Vista Substation, and are comprised of quartz monzonite, granodiorite, quartz diorite, and tonalite. The granitic rocks in this area are covered by Pleistocene alluvial deposits.

Depth to groundwater varies in the site region owing to the isolation of groundwater subbasins. California Department of Water Resources records indicate groundwater in the San Bernardino County region was measured at a depth of approximately 150 feet below ground surface (bgs) in 1992. Groundwater in the Riverside County region was measured at a depth of approximately 250 to 500 feet bgs in 2008.

4. ENVIRONMENTAL DATABASE REVIEW AND RESULTS

Ninyo & Moore obtained and reviewed database search reports for the Proposed Project. The reports are dated February 29, 2012 (for the entire proposed project) and May 22, 2013 (for Alternative Project only). The following sections summarize information obtained from the database search reports, which are included in Appendix A.

Environmental Data Resources, Inc. (EDR) performed a computerized environmental information database search on February 29, 2012 and May 22, 2013. The EDR report included

federal, state, and local databases. For this project, Ninyo & Moore requested an area search with a search radius of 0.125 mile around the Proposed Project and the Alternative Project. Table 1 lists the facilities reported on the February 29, 2012 database. Table 2 lists facilities reported on the May 22, 2013 database.

The EDR reports also include a list of “orphan sites” that could not be mapped by the addresses included in the file. Several “orphan sites” were listed for the Project Study Area. Two listings, the SCE El Casco System Project and SCE San Bernardino Vista and Etiwanda facility, within the proposed project area were listed as “orphan sites” in the National Pollutant Discharge Elimination System (NPDES) and Hazardous Waste Information System (HAZNET) databases. Listing on these databases is not indicative of a release. One listing, the San Timoteo Sanitary Landfill facility, located at 31 Refuse Road, Redlands, California, is located south adjacent to the Project Study Area. The facility is listed on the CA Waste Discharge System (WDS), San Bernardino Co. Permit, Facility and Manifest Data HAZNET, and Emissions Inventory Database (EMI) databases. No further information was available through EDR. Ninyo & Moore reviewed the remaining listings and found that the remaining “orphan sites” were not located within the proposed Project Study Area. These facilities were not included in our assessment of the Project Area.

Table 1 – Environmental Database Search (Segment 1 through Segment 6)

Database(s)	Description	Site Facilities Listed
Federal Databases		
NPL	The NPL is the EPA’s database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program. Updated quarterly.	1
CERCLIS/ NFRAP	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980. NFRAP refers to facilities that have been removed and archived from its inventory of CERCLA facilities.	2
Institutional Control	Superfund sites that have either engineering or an institutional control. The data includes the control and the media contaminated.	2
CORRACTS	The CORRACTS database identifies hazardous waste handlers with RCRA corrective action activity	3

Table 1 – Environmental Database Search (Segment 1 through Segment 6)

Database(s)	Description	Site Facilities Listed
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with TSD of hazardous materials that are undergoing “corrective action.” A “Corrective action” order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	2
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	1
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as large, small, or conditionally exempt. LQGs produce at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQGs produce 100 to 1,000 kg/month of non-acutely hazardous waste. CESQGs are those that generate less than 100 kg/month of non-acutely hazardous waste.	15
ERNS	ERNS records and stores information on reported releases of oil and hazardous substances.	0
US Brownfields	The US Brownfields database is maintained by the EPA. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by the EPA Brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields assessments performed by EPA Regions.	1
DOD	The Department of Defense Sites database consists of federally owned of administered lands, administered by the Department of Defense, that have any area to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.	1
ROD	The Records of Decision documents mandate a permanently remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.	1
MINES	The MINES database contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.	1
FINDS	The FINDS facility index system database contains both facility information and pointers to other sources that contain more detail.	13
RAATS	The RCRA Administration Action Tracking System (RAATS). 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.	1

Table 1 – Environmental Database Search (Segment 1 through Segment 6)

Database(s)	Description	Site Facilities Listed
State Databases		
Cal Sites	The Cal Sites database is maintained by the Cal-EPA, DTSC. This database contains information on AWP, and both known and potentially contaminated properties. Two-thirds of these properties have been classified, based on available information, as needing NFA by the DTSC. The remaining properties are in various stages of review and remediation to determine if a problem exists.	1
CA Bond Exp. Bond	The 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.	1
WDS	The Waste Discharge System database contains site which have been issued waste discharge requirements.	2
NPDES	The NPDES database contains a listing of NPDES permits, including storm water.	5
CORTESE	The CORTESE database contains sites designated by the State Water Resources 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.	3
HIST CORTESE	The HIST CORTESE database contains sites designated by the SWRCB, the Integrated Waste Board, and the Department of Toxic Substances Control.	12
SWLFs	The SWLF database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the IWMB's SWIS database.	1
LUST	Databases of the LUST information system are maintained by the SWRCB and RWQCB.	26
CA FID UST	The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board.	8
SLIC	The SLIC program is designed to protect and restore water quality from spills, leaks, and similar discharges.	1
UST	The UST Information System is maintained by the SWRCB, which may include the owner and location of the USTs. This database may also include registered ASTs.	8
HIST UST	The HIST UST database is a historical listing of UST sites.	15
SWEEPS UST	The SWEEPS UST database was updated and maintained by a company contacted by the SWRCB in the early 1990s. The listing is no longer updated or maintained.	14
CHMIRS	The CHMIRS database contains information on reported hazardous material incidents (accidental releases or spills).	1
AST	The AST database contains registered aboveground storage tanks.	7
Notify 65	The Notify 65 listing contains all Proposition 65 incidents reported to counties by the SWRCB and RWQCB	3
DRYCLEANERS	The Drycleaners database contains a list of drycleaner related facilities that have EPA ID numbers.	3

Table 1 – Environmental Database Search (Segment 1 through Segment 6)

Database(s)	Description	Site Facilities Listed
RESPONSE	The Response database listing 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.	1
HAZNET	The HAZNET database data is extracted from the copies of hazardous waste manifests received each year by the DTSC.	42
ENVIROSTOR	The DTSC’s EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further.	10
HWP	The HWP database contains detailed information on permitted hazardous waste facilities and corrective action (“cleanups” tracked in EnviroStor.	3
Indian Reservation	The Indian Reservation listing contains Indian administered lands of the United States that have any area equal to or greater than 640 acres.	4
Indian ODI	The Indian ODI listing contains locations of open dumps on Indian land.	2
Notes: AST – Aboveground Storage Tank Cal-EPA – California Environmental Protection Agency CERCLA – Comprehensive Environmental Response, Compensation and Liability Act CERCLIS – Comprehensive Environmental Response, Compensation, and Liability Information System CORRACTS – Corrective Action Report DTSC – Department of Toxic Substances Control EPA – United States Environmental Protection Agency ERNS – Emergency Response Notification System IWMB – Integrated Waste Management Board LQG – Large Quantity Generator LUST – Leaking Underground Storage Tanks NPL – National Priorities List RCRA – Resource Conservation and the Recovery Act RWQCB – Regional Water Quality Control Board SWIS – Solid Waste Information System SWLF – Solid Waste Landfill SWRCB – State Water Resources Control Board TSD – Treatment, Storage, and Disposal UST – Underground Storage Tank		

No facilities within the Proposed Project were listed on the National Priorities List (NPL) database. The Norton Air Force Base facility now currently the San Bernardino International Airport is located approximately 1.15 miles north of San Bernardino Junction to San Bernardino Substation transmission line corridor. The facility is currently on the final NPL status. A preliminary close-out report was prepared in May 16, 2006. Based on the status of this facility, it is unlikely that the environmental integrity of the site has been impacted by this off-site source.

The Mountain View Power Co., SCE San Bernardino Generating Station, Bechtel Mountain View Construction, EPTC San Bernardino facility located at 25770 San Bernardino Avenue, within the Proposed Project (Segment 1) is listed on the WDS, Resource Conservation and Re-

covery Act Large Quantity Generator (RCRA-LQG), Hazardous Waste & Substances Sites (CORTESE), LUST, California Facility Index Underground Storage Tank (CA FID UST), UST, Historical Underground Storage Tanks (HIST UST), State Environmental Evaluation and Planning System Underground Storage Tank (SWEEPS UST), California Hazardous Material Incident Report System (CHMIRS), Aboveground Storage Tank (AST), State Response Sites (RESPONSE), HAZNET, EMI, Department of Toxic Substances Control (DTSC) ENVIROSTOR, and Hazardous Waste Permit (HWP) databases. According to EDR, the facility had a release of gasoline to soil and was listed as “completed-case closed” on December 17, 1987. A violation regarding “TSD-IS-groundwater monitoring and surface impoundment standards” was determined in September 23, 1993 and was corrected in February, 1995. Based on the status, it is unlikely that the environmental integrity of the site has been impacted by this facility.

The SCE Vista Substation facility (Segment 2) located at 22200 Newport Avenue, within the Proposed Project is listed on the RCRA-LQG, HIST UST, AST, and San Bernardino Co. Permit databases with no reported releases or violations. Based on the status, it is unlikely that the environmental integrity of the site has been impacted by this facility.

One facility within the Proposed Project is listed on the HIST CORTESE and LUST databases. The San Gorgonio Memorial Park facility (Segment 4), located at 2201 North San Gorgonio Avenue, Banning, California, is listed with a release of gasoline. The facility is listed as “completed-cased closed” on April 28, 2000. Based on the status, it is unlikely that the environmental integrity of the site has been impacted by this facility.

No facilities within the Proposed Project were listed on the Comprehensive Environmental Response, Compensation, and Liability Information System/No Further Remedial Action Planned (CERCLIS/NFRAP) database.

No facilities within the Proposed Project were listed on the Institutional Control database.

No facilities within the Proposed Project were listed on the Resource Conservation and Recovery Act (RCRA) Corrective Action Report/Treatment Storage and Disposal (CORRACTS/TSD) or the RCRA Non-CORRACTS/TSD databases.

No facilities within the Proposed Project were listed on the Emergency Response Notification System (ERNS) database.

No facilities within the Proposed Project were listed on the Cal Sites database.

No facilities within the Proposed Project were listed on the Solid Waste Landfill (SWLF) database.

No facilities within the Proposed Project were listed on the UST database.

In summary, based on the review of the database report, based on the distance from the site and status, no properties of concern were identified in the Proposed Project.

Table 2 – Environmental Database Search (Alternative Project)

Database(s)	Description	Site Facilities Listed
Federal Databases		
NPL	The NPL is the EPA’s database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program. Updated quarterly.	0
CERCLIS/ NFRAP	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980. NFRAP refers to facilities that have been removed and archived from its inventory of CERCLA facilities.	0
Institutional Control	Superfund sites that have either engineering or an institutional control. The data includes the control and the media contaminated.	0
CORRACTS	The CORRACTS database identifies hazardous waste handlers with RCRA corrective action activity	0
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with TSD of hazardous materials that are undergoing “corrective action.” A “Corrective action” order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	0
RCRA Non- CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0

Table 2 – Environmental Database Search (Alternative Project)

Database(s)	Description	Site Facilities Listed
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as large, small, or conditionally exempt. LQGs produce at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQGs produce 100 to 1,000 kg/month of non-acutely hazardous waste. CESQGs are those that generate less than 100 kg/month of non-acutely hazardous waste.	1
ERNS	ERNS records and stores information on reported releases of oil and hazardous substances.	0
US Brownfields	The US Brownfields database is maintained by the EPA. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by the EPA Brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields assessments performed by EPA Regions.	0
DOD	The Department of Defense Sites database consists of federally owned of administered lands, administered by the Department of Defense, that have any area to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.	0
ROD	The Records of Decision documents mandate a permanently remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.	0
MINES	The MINES database contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.	0
FINDS	The FINDS facility index system database contains both facility information and pointers to other sources that contain more detail.	0
RAATS	The RCRA Administration Action Tracking System (RAATS). 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.	0
State Databases		
Cal Sites	The Cal Sites database is maintained by the Cal-EPA, DTSC. This database contains information on AWP, and both known and potentially contaminated properties. Two-thirds of these properties have been classified, based on available information, as needing NFA by the DTSC. The remaining properties are in various stages of review and remediation to determine if a problem exists.	0
CA Bond Exp. Bond	The 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.	0
WDS	The Waste Discharge System database contains site which have been issued waste discharge requirements.	0

Table 2 – Environmental Database Search (Alternative Project)

Database(s)	Description	Site Facilities Listed
NPDES	The NPDES database contains a listing of NPDES permits, including storm water.	0
CORTESE	The CORTESE database contains sites designated by the State Water Resources 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.	0
HIST CORTESE	The HIST CORTESE database contains sites designated by the SWRCB, the Integrated Waste Board, and the Department of Toxic Substances Control.	0
SWLFs	The SWLF database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the IWMB's SWIS database.	0
LUST	Databases of the LUST information system are maintained by the SWRCB and RWQCB.	0
CA FID UST	The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board.	0
SLIC	The SLIC program is designed to protect and restore water quality from spills, leaks, and similar discharges.	0
UST	The UST Information System is maintained by the SWRCB, which may include the owner and location of the USTs. This database may also include registered ASTs.	1
HIST UST	The HIST UST database is a historical listing of UST sites.	0
SWEEPS UST	The SWEEPS UST database was updated and maintained by a company contacted by the SWRCB in the early 1990s. The listing is no longer updated or maintained.	0
CHMIRS	The CHMIRS database contains information on reported hazardous material incidents (accidental releases or spills).	0
AST	The AST database contains registered aboveground storage tanks.	0
Notify 65	The Notify 65 listing contains all Proposition 65 incidents reported to counties by the SWRCB and RWQCB.	0
DRYCLEANERS	The Drycleaners database contains a list of drycleaner related facilities that have EPA ID numbers.	0
RESPONSE	The Response database listing 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.	0
HAZNET	The HAZNET database data is extracted from the copies of hazardous waste manifests received each year but the DTSC.	0
ENVIROSTOR	The DTSC's EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further.	1
HWP	The HWP database contains detailed information on permitted hazardous waste facilities and corrective action ('cleanups' tracked in EnviroStor.	0
Indian Reservation	The Indian Reservation listing contains Indian administered lands of the United States that have any area equal to or greater than 640 acres.	1
Indian ODI	The Indian ODI listing contains locations of open dumps on Indian land.	0

Table 2 – Environmental Database Search (Alternative Project)

Database(s)	Description	Site Facilities Listed
<p>Notes: AST – Aboveground Storage Tank Cal-EPA – California Environmental Protection Agency CERCLA – Comprehensive Environmental Response, Compensation and Liability Act CERCLIS – Comprehensive Environmental Response, Compensation, and Liability Information System CORRACTS – Corrective Action Report DTSC – Department of Toxic Substances Control EPA – United States Environmental Protection Agency ERNS – Emergency Response Notification System IWMB – Integrated Waste Management Board LQG – Large Quantity Generator LUST – d Underground Storage Tanks NPL – National Priorities List RCRA – Resource Conservation and the Recovery Act RWQCB – Regional Water Quality Control Board SWIS – Solid Waste Information System SWLF – Solid Waste Landfill SWRCB – State Water Resources Control Board TSD – Treatment, Storage, and Disposal UST – Underground Storage Tank</p>		

The Chevron Station No. 207497 facility at 48320 Seminole Drive, within the Alternative Project alternative is listed on the RCRA-SQG, UST, EDR US Historical Auto Stations and Facility Information Detail Search databases with no reported releases or violations. Based on the status, it is unlikely that the environmental integrity of the Proposed Project has been impacted by this facility.

The Banning Airport facility at 200 South Hathaway Street approximately 0.844 miles southwest from Alternative Project is listed on the NPDES, SWEEPS UST, ENVIROSTOR, and WDS databases with an inactive status needing evaluation status date July 1, 2005. Based on the distance and downgradient from the Alternative Project, it is unlikely that the environmental integrity of the Proposed Project has been impacted by this facility.

No facilities within Alternative Project were listed on the NPL, Comprehensive Environmental Response, CERCLIS/NFRAP, RCRA CORRACTS/TSD or the RCRA Non-CORRACTS/TSD, Engineering Control or Institutional Control, ERNS, Cal Sites, or SWLF databases.

In summary, based on the review of the database report, based on the distance from the Alternative Project and status, no properties of concern were identified in the alternative.

Table 3 presents a summary of the review of the databases.

Table 3 – Summary of Properties of Concern from the EDR Database Reports

Business Name and Address	Case Summary
Segment 1	
No properties of concern	
Segment 2	
No properties of concern	
Segment 3	
No properties of concern	
Segment 4	
No properties of concern	
Segment 5	
No properties of concern	
Alternative Project	
No properties of concern	
Segment 6	
No properties of concern	

5. REVIEW OF HISTORICAL INFORMATION

The following sections summarize the results of our review of historical source including aerial photographs, Sanborn Fire Insurance Rate maps, topographic maps, and oil and gas maps.

5.1. Sanborn Fire Insurance Rate Maps

Sanborn Fire Insurance Rate maps were requested from EDR, but were not available for the Proposed Project Segment 1 through Segment 6.

5.2. Aerial Photograph Review

Aerial photographs have been collected for the continental United States in some areas since the 1920s, with variable coverage and frequency (generally based on an area’s importance to national defense). Aerial photographs offer an opportunity for direct observation of the pro-

posed Project Study Area conditions across a period of time. These observations may include the locations of tank pits, drums, pits, ponds, lagoons, stained/stressed vegetation, or other development features that can indicate potential contaminant sources.

Aerial photographs of the project area were provided by EDR taken in 1968, 1975, 1989, 1994, and 2002. The photographs reviewed varied in scale and clarity, and were taken from various altitudes.

The aerial photograph review served to evaluate information gained from other sources, and in some cases, served as the primary source of information. Information that was gathered from aerial photographs is summarized in the following table. Since the Project Area is large, the table includes limited data in the interest of brevity. The data are limited primarily to properties of potential concern as revealed by the aerial photographs or our site reconnaissance. Historical features of potential environmental concern noted which were not revealed by other sources are also described in the table.

Table 4 – Historical Aerial Photograph Review

1968	1975	1989	1994	2002
Segment 1				
The Project Study Area appears to be hilly terrain with some mountainous areas and narrow valleys with mixed residential and commercial and development.	The Project Study Area appears generally as it did in the 1968 aerial photograph.	The Project Study Area appears generally as it did in the 1975 aerial photograph.	The Project Study Area appears generally as it did in the 1989 aerial photograph, with more commercial and residential developments.	The Project Study Area appears generally as it did at the time of site reconnaissance.
Segment 2				
The Project Study Area appears to be hilly terrain with some mountainous areas and narrow valleys and some residential development.	The Project Study Area appears generally as it did in the 1968 aerial photograph.	The Project Study Area appears generally as it did in the 1975 aerial photograph.	The Project Study Area appears generally as it did in the 1989 aerial photograph, with more commercial and residential developments.	The Project Study Area appears generally as it did at the time of site reconnaissance.
Segment 3				
The Project Study Area appears to be predominantly foothills and valleys with some residential development.	The Project Study Area appears generally as it did in the 1968 aerial photograph.	The Project Study Area appears generally as it did in the 1975 aerial photograph.	The Project Study Area appears generally as it did in the 1989 aerial photograph.	The Project Study Area appears generally as it did at the time of site reconnaissance.

Table 4 – Historical Aerial Photograph Review

1968	1975	1989	1994	2002
Segment 4				
The Project Study Area appears to be predominantly foothills and valleys with scattered residential development.	The Project Study Area appears generally as it did in the 1968 aerial photograph.	The Project Study Area appears generally as it did in the 1975 aerial photograph.	The Project Study Area appears generally as it did in the 1989 aerial photograph.	The Project Study Area appears generally as it did at the time of site reconnaissance.
Segments 5 and 6				
The Project Study Area appears to be predominantly steep flanked canyon, foothills, and valleys with scattered residential development.	The Project Study Area appears generally as it did in the 1968 aerial photograph.	The Project Study Area appears generally as it did in the 1975 aerial photograph.	The Project Study Area appears generally as it did in the 1989 aerial photograph.	The Project Study Area appears generally as it did at the time of site reconnaissance.
Alternative Project				
The Project Study Area appears to be predominantly steep flanked foothills and valleys.	The Project Study Area appears generally as it did in the 1968 aerial photograph.	The Project Study Area appears to be predominantly steep flanked foothills and valleys with scattered residential development.	The Project Study Area appears generally as it did in the 1989 aerial photograph.	The Project Study Area appears generally as it did in the 1994 aerial photograph.

The review of aerial photographs did not reveal specific areas of concern beyond those noted or revealed by other data sources (as discussed in other sections of this report) or our site reconnaissance.

5.3. Topographic Maps

Ninyo & Moore obtained historical topographic maps from EDR, for the years 1942, 1954, 1956, 1957, 1967, 1972, 1973, 1975, 1979, 1980, 1988, and 1996. USGS 7.5 Minute Series maps for Banning, Beaumont, Cabazon, Desert Hot Springs, El Casco, Elsinore, Palm Springs, San Bernardino, Sunnymead, Redlands, San Jacinto, and Whitewater are included in the Proposed Project.

The WOD corridor is located in northern Riverside County and southern San Bernardino County. The Project Study Area is generally bounded by the community of North Palm Springs and State Highway 62 on the East; I-10 on the south and the foothills of the San Bernardino Mountains on the north (east of the city of Beaumont); the San Timoteo Badlands on the south and San Timoteo Canyon Road on the north (west of the city of Beaumont); the Santa Ana River and Interstate 10 on the north in the city of Loma Linda;

and the Santa Ana River and Interstate 215 (I-215) on the west in the city of Grand Terrace (Figure 1).

Primary physiographic features that the Proposed Project segments traverse include the southern part of the San Bernardino Valley, the southern flanks of San Timoteo Canyon, mountainous terrains of the San Timoteo Badlands, San Gorgonio Pass between the San Bernardino and San Jacinto Mountains, foothills of the San Bernardino Mountains, White-water River canyon, and the western end of the Coachella Valley.

The following is a brief description of the Proposed Project based on review of the historical topographic maps.

5.3.1. Segment 1

Elevations along Segment 1 range from approximately 1,800 feet MSL in the steep mountainous terrain to 1,100 feet MSL in the gentle valley.

5.3.2. Segment 2

Segment 2 of the WOD corridor extends westward across the north end of the San Timoteo Badlands and narrow Reche Canyon through areas of moderate to steep terrain at elevations ranging from approximately 1,000 to 1,800 feet MSL. Vista Substation is situated on an elevated terrace above the Santa Ana River on the west side of Interstate 215 at an elevation of approximately 1,000 feet MSL.

5.3.3. Segment 3

Segment 3 of the WOD corridor extends through the mountainous San Timoteo Badlands on the south flank of San Timoteo Canyon and crosses mountainous areas and narrow valleys comprising gentle to steep terrain where elevations range from approximately 1,800 to 2,400 feet MSL.

5.3.4. Segment 4

El Casco Substation at the west end of Segment 4 is located in an area of relatively moderate terrain at an elevation of approximately 2,200 feet MSL. Between El Casco

Substation and Beaumont, the WOD corridor traverses the north flank of San Timoteo Canyon where existing access roads and tower sites are located on moderate to steep hilly terrain and elevations range from approximately 2,100 to 2,600 MSL. In the Beaumont and Cherry Valley areas, the WOD corridor extends across gentle to moderate topographic terrain where elevations range from approximately 2,700 to 2,400 feet MSL. Further east, the WOD corridor crosses over the Banning Bench, an elevated topographic mesa, where existing access roads and tower sites are located on gentle to steep gradients with elevations ranging from approximately 2,600 to 3,000 feet MSL.

5.3.5. Segment 5 and Alternative Project

Segment 5 begins on the east side of the City of Banning and ends on the east side of the Reservation in the San Gorgonio Pass. The proposed and alternative alignments in this segment extend across gentle to moderate topographic gradients in the San Gorgonio Pass north of Banning and Cabazon where elevations gradually descend (west to east) from approximately 2,600 to 1,400 feet MSL.

5.3.6. Segment 6

Segment 6 traverses the foothills of the San Bernardino Mountains where existing access roads and tower sites are located on steep terrain and elevations range from approximately 1,500 to 2,000 feet MSL. The WOD corridor extends across the steep-flanked canyon of the Whitewater River where existing towers are sited on each side of the canyon and the conductors span the canyon. Devers Substation and eastern end of the WOD corridor are situated in the western end of the Coachella Valley. This area east of the Whitewater River is generally comprised of relatively gentle to moderate topographic gradients for existing access roads and tower sites. Elevations in this part of the Project Study Area range from approximately 1,100 to 1,600 feet MSL. Devers Substation is situated at an elevation of approximately 1,100 feet MSL.

5.4. Oil and Gas Maps

Ninyo & Moore reviewed the State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources Regional Wildcat Map. Based on the maps, Segment 1

through Segment 5 and the northwestern section of the Transmission Line do not lie within an active oil field. Alternative Project does not lie within an active oil field.

Two oil wells are along Segment 6. Parsons Petro Company has one oil well plugged, and C & K Oil Company “Moore” 1 has one oil well plugged.

5.5. Interviews and Correspondence

Ninyo & Moore did not conduct interviews or correspond with property owners or regulatory agency representatives regarding the site.

5.6. Previous Reports

Ninyo & Moore did not review previous reports regarding the site.

6. SITE RECONNAISSANCE

A site reconnaissance was conducted to provide us with specific information about the Proposed Project that is not readily obtainable through environmental records review or aerial photograph review. Ninyo & Moore performed a site reconnaissance of the Project Study Area March 26 and 27, 2012. The visit included a reconnaissance of the Proposed Project from public ROW. Photographs of the WOD corridor are presented in Appendix B.

During the site reconnaissance, several indicators of potential environmental impacts to the project were observed for including, but not limited to, significant staining or degraded pavement, USTs, ASTs, storage of hazardous materials and wastes, groundwater monitoring wells and remediation systems, dry cleaning facilities, transformers, agricultural chemical use, industrial facilities, current or historic gasoline stations, distressed vegetation, and the presence of pits, ponds, or lagoons. The presence of features such as ASTs, USTs, or chemical storage areas alone is not cause to classify a property as Moderate or High with regard to risk.

The following sections summarize observations at properties where environmental risk indicators were noted during the site reconnaissance. In general, properties were viewed from public ROW; interviews with property personnel were not conducted. Table 5 contains an observation checklist

for the properties of concern. A site reconnaissance was not allowed for WOD Alternative Project.

Table 5 – Site Reconnaissance

Area	Site Use	Chemical Storage Areas	Dumped, Burned Material	Hydraulic Equipment (Lifts)	Bermed, Recessed, or Diked Areas	Chemical/Pesticide Mixing Areas	Sumps, Pits, Ponds, Lagoons, Clarifiers	Discharges/Disposal Areas	Groundwater Monitoring Wells or Other Wells	Remediation Equipment/Evidence or Remediation	Discolored or Polluted Water	Storage Tanks (Underground or Aboveground)	Drums	Stressed Vegetation	Discolored/Stained Soils	Degraded/Heavy Stained Pavement	
Segment 1	Transmission line alignment	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Segment 2	Transmission line alignment	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Segment 3	Transmission line alignment	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Segment 4	Transmission line alignment	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Segment 5	Transmission line alignment	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N
Segment 6	Transmission line alignment	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N

Notes:
 Y – Yes
 N – No
 U – Unknown
 The existence of, for example, tanks or chemical storage areas alone is generally not cause to classify a property as moderate or high with regard to risk. Evidence of a release, such as significant staining, groundwater monitoring wells or remediation equipment, would be cause to classify a property as Moderate or High.

Active water wells were observed in Segments 5 and 6.

7. AREAS OF CONCERN

Based on the results of our historical research, review of the environmental database, and our site reconnaissance, properties were evaluated and classified as High, Moderate, or Low with regard to the potential for detrimental impacts during construction activities for the Proposed Project. Specific Areas of High or Moderate risks are presented in Table 6. Areas categorized as High or Moderate risk in Table 6 were evaluated based on the information obtained and the likelihood that hazardous materials might impact soil and/or groundwater likely to be disturbed during construction.

Table 6 – Identified Specific Areas of Concern

Area	Description	Reason for Risk Class (1)	Data Source (2)	Risk Class (3)	Proposed Project
Segment 1	Agriculture	Pesticides/Herbicides Application	R	M	X
	I-10	Aerially Deposited Lead	R, H	M	X
Segment 2	I-215	Aerially Deposited Lead	R, H	M	X
Segment 3	Orchards	Pesticides/Herbicides Application	R	M	X
Segment 6	Oil Wells	Access to groundwater	R	M	X
<p>Notes: HMI – Hazardous Material Impact LUST – Leaking Underground Storage Tank PAH – polynuclear aromatic hydrocarbons PCBs – polychlorinated biphenyls SVOC – Semi-Volatile Organic Compound TPH – Total Petroleum Hydrocarbons VOC – Volatile Organic Compound (1) Description of site operations/primary reasons for risk class (2) Indicates primary information sources for listing: R=Reconnaissance, H=Historical Documentation (3) Risk Class H = high, M = moderate, L = low X Risk for Proposed Project</p>					

8. NON-SPECIFIC AREAS OF CONCERN

The following are non-specific concerns within the Proposed Project segments.

9. HAZARDOUS MATERIAL IMPACTS

Based on the results of this HMA, Ninyo & Moore identified potential hazardous material impacts (HMIs) for the Proposed Project segments; some of the HMIs apply to all areas of the project and some are specific to certain areas of concern noted in Table 6.

9.1. Project Wide Hazardous Materials Impacts

- Construction activities may encounter previously unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes and may result in the exposure of workers and/or the environment to hazardous materials.
- Construction activities, including demolition, may encounter or generate hazardous or solid wastes and debris and may result in the exposure of the public and/or the environment to hazardous materials.
- Construction activities along the Transmission Line may encounter debris and miscellaneous wastes may result in the exposure and/or the environment to hazardous materials.

9.2. Segment 1 HMIs

In addition to construction activities listed in Section 9.1, the following also apply to Segment 1.

- Construction activities along freeways (I-10 or I-215) may result in exposure of the public and/or the environment to soil contaminated with aurally deposited lead (ADL).
- Construction activities in areas of agricultural lands or orchards may result in the exposure and/or the environment to soil contaminated with herbicides or pesticides.

9.3. Segment 2 HMI

In addition to construction activities listed in Section 9.1, the following also applies to Segment 2.

- Construction activities along freeways (I-10 or I-215) may result in exposure of the public and/or the environment to soil contaminated with ADL.

9.4. Segment 3 HMIs

In addition to construction activities listed in Section 9.1, the following also applies to Segment 3.

- Construction activities in areas of agricultural lands or orchards may result in the exposure of the public and/or the environment to soil contaminated with herbicides or pesticides.

9.5. Segment 4 HMIs

Construction activities listed in Section 9.1 apply to Segment 4.

9.6. Segment 5 and Alternative Project HMIs

In addition to construction activities listed in Section 9.1, the following also applies to Segment 5 and Alternative Project.

- Construction activities may include demolition of ASTs and pumping equipment, which may result in exposure of the public and/or the environment to contaminants including, but not limited to, chemicals, fuels, oils, lubricants, and metals.

9.7. Segment 6 HMIs

In addition to construction activities listed in Section 9.1, the following also apply to Segment 6.

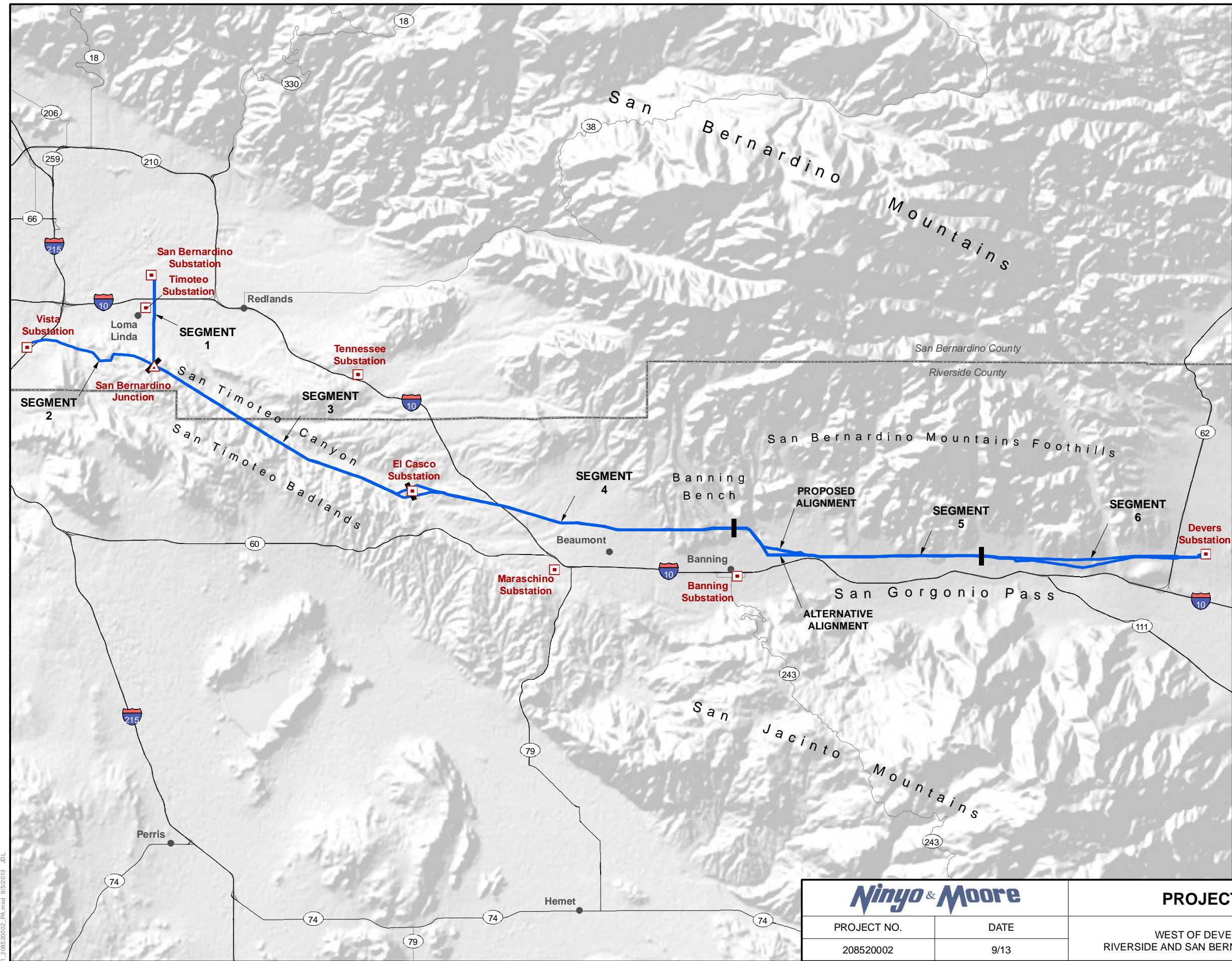
- Construction activities may include demolition of ASTs and pumping equipment, which may result in exposure of the public and/or the environment to contaminants including, but not limited to, chemicals, fuels, oils, and lubricants.
- Construction activities may encounter inactive oil wells or equipment.

10. CONCLUSION





Construction activities may encounter localized features or wastes during the Proposed Project implementation. Common construction practices (e.g., best management practices, etc.) should be implemented to reduce these impacts to low levels.

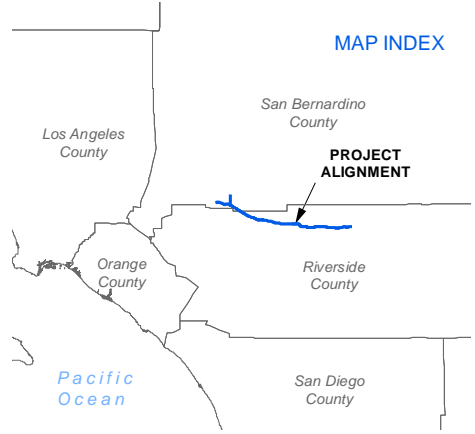
11. REFERENCES

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- State of California, Department of Conservation, Division of Oil, Gas, & Geothermal Resources website <http://maps.conservation.ca.gov/doms/index.html>.
- Track Info Services, LLC (Environmental FirstSearch), 2010, *Environmental First Search Report*: dated July 6, 2010.
- USGS, 2006, *Geology, Ground-water Hydrology, Geochemistry, and Ground-water Simulation of the Beaumont and Banning Storage Units, San Geronio Pass Area, Riverside County, California*.



LEGEND

-  PROJECT ALIGNMENT
-  ALIGNMENT SEGMENT BREAK
-  JUNCTION
-  SUBSTATION



NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		PROJECT ALIGNMENT	FIGURE 1
PROJECT NO. 208520002	DATE 9/13		

1_208520002_PA.mxd 9/5/2013 JDJ

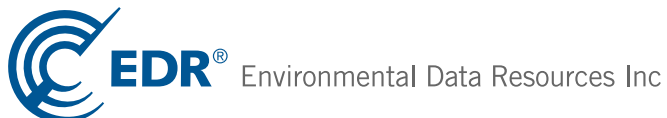
APPENDIX A

FIRSTSEARCH ENVIRONMENTAL DATABASE REPORTS

SCE/West of Devers
Riverside, CA

Inquiry Number: 3266144.1s
February 29, 2012

EDR DataMap™ Environmental Atlas™



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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FOCUS MAP SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	1
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	1
CERC-NFRAP	2
LIENS 2	0
CORRACTS	3
RCRA-TSDF	2
RCRA-LQG	4
RCRA-SQG	11
RCRA-CESQG	2
RCRA-NonGen	1
US ENG CONTROLS	1
US INST CONTROL	1
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	1
DOD	1
FUDS	0
LUCIS	0
CONSENT	0
ROD	1
UMTRA	0
DEBRIS REGION 9	0
ODI	0
MINES	1
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	1
MLTS	0
RADINFO	0
FINDS	13
RAATS	1
SCRD DRYCLEANERS	0
US HIST CDL	0
PCB TRANSFORMER	0
FEDERAL FACILITY	0
COAL ASH DOE	0
FEMA UST	0
COAL ASH EPA	0
<u>STATE AND LOCAL RECORDS</u>	
CA HIST Cal-Sites	1

FOCUS MAP SUMMARY

<u>Database</u>	<u>Total Plotted</u>
CA BOND EXP. PLAN	1
CA SCH	3
CA Toxic Pits	0
CA SWF/LF	1
CA WDS	2
CA WMUDS/SWAT	0
CA NPDES	5
CA Cortese	3
CA HIST CORTESE	12
CA SWRCY	4
CA LUST	26
CA FID UST	8
CA SLIC	1
CA UST	8
CA HIST UST	15
CA LIENS	0
NY MANIFEST	2
CA SWEEPS UST	14
CA CHMIRS	1
CA LDS	1
CA AST	7
CA MCS	0
CA Notify 65	3
CA DEED	0
CA VCP	0
CA DRYCLEANERS	3
CA WIP	0
CA CDL	0
CA ENF	2
CA RESPONSE	1
CA HAZNET	42
CA EMI	9
CA ENVIROSTOR	10
CA HAULERS	0
CA HWP	3
CA FINANCIAL ASSURANCE	0
CA MWMP	1
CA PROC	1
CA HWT	0

TRIBAL RECORDS

INDIAN RESERV	4
INDIAN ODI	2
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	1
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FOCUS MAP SUMMARY

Database

Total
Plotted

NOTES:

Sites may be listed in more than one database

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

RIVERSIDE, CA
DESERT HOT SPRINGS, CA 92223

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

Proposed NPL.....	Proposed National Priority List Sites
Delisted NPL.....	National Priority List Deletions
NPL LIENS.....	Federal Superfund Liens
LIENS 2.....	CERCLA Lien Information
ERNS.....	Emergency Response Notification System
HMIRS.....	Hazardous Materials Information Reporting System
DOT OPS.....	Incident and Accident Data
US CDL.....	Clandestine Drug Labs
FUDS.....	Formerly Used Defense Sites
LUCIS.....	Land Use Control Information System
CONSENT.....	Superfund (CERCLA) Consent Decrees
UMTRA.....	Uranium Mill Tailings Sites
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
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
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US HIST CDL.....	National Clandestine Laboratory Register
PCB TRANSFORMER.....	PCB Transformer Registration Database
FEDERAL FACILITY.....	Federal Facility Site Information listing
COAL ASH DOE.....	Slam-Electric Plan Operation Data
FEMA UST.....	Underground Storage Tank Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List

STATE AND LOCAL RECORDS

CA Toxic Pits.....	Toxic Pits Cleanup Act Sites
CA WMUDS/SWAT.....	Waste Management Unit Database

EXECUTIVE SUMMARY

CA LIENS.....	Environmental Liens Listing
CA MCS.....	Military Cleanup Sites Listing
CA DEED.....	Deed Restriction Listing
CA VCP.....	Voluntary Cleanup Program Properties
CA WIP.....	Well Investigation Program Case List
CA CDL.....	Clandestine Drug Labs
CA HAULERS.....	Registered Waste Tire Haulers Listing
CA FINANCIAL ASSURANCE	Financial Assurance Information Listing
CA HWT.....	Registered Hazardous Waste Transporter Database

TRIBAL RECORDS

INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

The Map ID column refers to the Map ID-Focus Map(s) of the listed site.

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

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

FEDERAL RECORDS

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

A review of the NPL list, as provided by EDR, and dated 06/30/2011 has revealed that there is 1 NPL site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
<i>USAF NORTON AFB</i>	<i>I-10 US HWY 395</i>	<i>0-1,2</i>

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 02/25/2011 has revealed that there is 1 CERCLIS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
<i>USAF NORTON AFB</i>	<i>I-10 US HWY 395</i>	<i>0-1,2</i>

EXECUTIVE SUMMARY

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/25/2011 has revealed that there are 2 CERC-NFRAP sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3
WHITTAKER CORP COATINGS & CHEM	1231 S LINCOLN ST	23-3

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 are 3 CORRACTS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3
WHITTAKER CORP COATINGS & CHEM	1231 S LINCOLN ST	23-3

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 06/15/2011 has revealed that there are 2 RCRA-TSDF sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 4

EXECUTIVE SUMMARY

RCRA-LQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SCE MOUNTAINVIEW GENERATING ST	2492 W. SAN BERNARDINO	3-1
MOUNTAINVIEW POWER COMPANY LLC	25770 SAN BERNARDINO BL	3-1
LOMA LINDA UNIVERSITY	11100 ANDERSON ST	26-5
VISTA SUBSTATION	22200 NEWPORT AVE	49-9

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 06/15/2011 has revealed that there are 11 RCRA-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2
BECHTEL MOUNTAINVIEW CONSTRUCT	25770 SAN BERNARDINO AV	4-1
EPTC SAN BERNARDINO	25720 SAN BERNARDINO AV	4-1
WHITTAKER CORP COATINGS & CHEM	1231 S LINCOLN ST	23-3
PERFORMANCE PIPE	1280 JEFFERSON LN	29-3
ROYAL CLEANERS	1616 E WASHINGTON ST	34-4
MCCLEANERS	1000 E WASHINGTON ST	39-4
CHEVRON 93537	1241 E WASHINGTON AVE.	43-4
COURTYARD CLNRS BARON	1220 E WASHINGTON NO 2	43-4
MIKE THOMPSON REC VEH	910 SANTO ANTONIO DR 5	44-4
CHEVRON STATION NO 207497	48320 SEMINOLE	72-53

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 2 RCRA-CESQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
RITE AID 6256	25710 BARTON RD	31-6
RITE AID 6529	895 OAK VALLEY PKWY	63-34

EXECUTIVE SUMMARY

RCRA-NonGen: 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.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-NonGen site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3

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 the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2

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 the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/27/2011 has revealed that there is 1 US BROWNFIELDS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
COOLEY RANCH LANDFILL 0163-381	600 BLOCK OF CONGRESS S	24-4

EXECUTIVE SUMMARY

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 the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
NORTON AIR FORCE BASE (CLOSED)		0-1,2

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 09/28/2011 has revealed that there is 1 ROD site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2

MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the MINES list, as provided by EDR, and dated 08/18/2011 has revealed that there is 1 MINES site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
ROBERTSON'S READY MIX LTD		68-37,38

PADS: The PCB Activity Database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the United States Environmental Protection Agency of such activities. The source of this database is the U.S. EPA.

A review of the PADS list, as provided by EDR, and dated 11/01/2010 has revealed that there is 1 PADS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA

EXECUTIVE SUMMARY

Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 08/02/2011 has revealed that there are 13 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3
WHITTAKER CORP COATINGS & CHEM	1231 S LINCOLN ST	23-3
LOMA LINDA UNIVERSITY	11100 ANDERSON ST	26-5
PERFORMANCE PIPE	1280 JEFFERSON LN	29-3
ROYAL CLEANERS	1616 E WASHINGTON ST	34-4
MCCLEANERS	1000 E WASHINGTON ST	39-4
CHEVRON 93537	1241 E WASHINGTON AVE.	43-4
COURTYARD CLNRS BARON	1220 E WASHINGTON NO 2	43-4
MIKE THOMPSON REC VEH	910 SANTO ANTONIO DR 5	44-4
TERRACE VIEW ELEMENTARY	22731 GRAND TERRACE ROA	47-4,9
BEAUMONT SENIOR HIGH	1591 CHERRY AVE	60-35
CHEVRON STATION NO 207497	48320 SEMINOLE	72-53

RAATS: The RCRA Administration Action Tracking System contains records based on enforcement actions issued under RCRA and pertaining to major violators. It includes administrative and civil actions brought by the United States Environmental Protection Agency. The source of this database is the U.S. EPA.

A review of the RAATS list, as provided by EDR, and dated 04/17/1995 has revealed that there is 1 RAATS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3

STATE AND LOCAL RECORDS

CA 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 CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 CA HIST Cal-Sites site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
NORTH SAN BERNARDINO AREA	BUNKER HILL GROUND WATE	1-1

EXECUTIVE SUMMARY

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
NORTH SAN BERNARDINO AREA	BUNKER HILL GROUND WATE	1-1

CA SCH: 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.

A review of the CA SCH list, as provided by EDR, and dated 02/07/2012 has revealed that there are 3 CA SCH sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
CHAVEZ ELEMENTARY SCHOOL AND E	CHERRY AVENUE/MARY LANE	58-35
DEUTCH ELEMENTARY SCHOOL NO. 2	CHERRY AVENUE/10TH STRE	70-35
DEUTCH ELEMENTARY SCHOOL NO. 1	8TH/ALLEGHENY	71-49

CA 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 CA SWF/LF list, as provided by EDR, and dated 11/21/2011 has revealed that there is 1 CA SWF/LF site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
COOLEY RANCH DISPOSAL SITE	SW OF MT. VERNON AVE.,	45-3,8

CA WDS: California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 06/19/2007 has revealed that there are 2 CA WDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
MOUNTAINVIEW POWER CO LLC	25770 SAN BERNARDINO AV	4-1
PERFORMANCE PIPE	1280 JEFFERSON LN	29-3

EXECUTIVE SUMMARY

CA NPDES: A listing of NPDES permits, including stormwater.

A review of the CA NPDES list, as provided by EDR, and dated 11/21/2011 has revealed that there are 5 CA NPDES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
GENERATING STATION,SAN BERDO	25770 SAN BERNARDINO	4-1
CAPTIVE PLASTICS INC	1255 RESEARCH DR	9-1,6
CITY OF GRAND TERRACE SENIOR H	22627 GRAND TERRACE RD	48-4,9
SOUTHERN CALIFORNIA EDISON VIS	22200 NEWPORT AVE	49-9
ROBERTSONS READY MIX BANNING R	1990 N HARGRAVE ST	67-37,38

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

A review of the CA Cortese list, as provided by EDR, and dated 01/03/2012 has revealed that there are 3 CA Cortese sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
NORTH SAN BERNARDINO AREA	BUNKER HILL GROUND WATE	1-1
EPTC SAN BERNARDINO	25720 SAN BERNARDINO AV	4-1
MHP,CALIMESA	10961 DESERT LAWN DRIVE	56-24

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CAL SITES].

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 12 CA HIST CORTESE sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
NORTH SAN BERNARDINO AREA	BUNKER HILL GROUND WATE	1-1
GENERATING STATION,SAN BERDO	25770 SAN BERNARDINO	4-1
CRAFTON MOTORS (FORMER)	25694	17-6
ARCO #5205	25715	17-6
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3
RIVERSIDE HIGHLAND WATER	1450 WASHINGTON	37-4
CARS 101	1221	43-4
UNOCAL #4238	22483 BARTON	52-9
HASKELL RANCH	34250 SAN TIMOTEO CNYN	57-22,31
SAN GORGONIO MEMORIAL PARK	2201 SAN GORGONIO N	64-37
MOUNTAIN VIEW CEMETARY	1315	65-34
MATICH CORPORATION	1990 HARGRAVE	67-37,38

EXECUTIVE SUMMARY

CA SWRCY: A listing of recycling facilities in California.

A review of the CA SWRCY list, as provided by EDR, and dated 12/12/2011 has revealed that there are 4 CA SWRCY sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
STATER BROS MARKETS #117	2053 E WASHINGTON BLVD	28-4,5
STATER BROS MARKETS #081	25630 BARTON RD	32-6
STATER BROS MARKETS #188	22201 BARTON RD	51-9
EARTHWISE RECYCLING	1430 BEAUMONT AVE	61-34

CA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the CA LUST list, as provided by EDR, and dated 01/20/2012 has revealed that there are 26 CA LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
GENERATING STATION,SAN BERDO Status: Completed - Case Closed	25770 SAN BERNARDINO	4-1
SOUTHERN CALIFORNIA EDISON CO.	25770 SAN BERNARDINO AV	4-1
LOMA LINDA VALERO	1880 MOUNTAIN VIEW AVE	10-6
LOMA LINDA OIL CORPORATION Status: Completed - Case Closed	1880 MOUNTAIN VIEW	10-6
SCOTT YANG Status: Completed - Case Closed	25694 REDLANDS	17-6
CRAFTON MOTORS (FORMER)	25694	17-6
PRESTIGE STATIONS INC #705 Status: Completed - Case Closed	25715 REDLANDS BLVD	17-6
ARCO #5205	25715	17-6
ASHLAND CHEMICAL CO Status: Completed - Case Closed	291 W ADAMS ST	22-3
LOMA LINDA UNIVERSITY Status: Completed - Case Closed	11100 ANDERSON ST	26-5
RIVERSIDE HIGHLAND WATER CO. Status: Completed - Case Closed	1450 E WASHINGTON ST	37-4
RIVERSIDE HIGHLAND WATER	1450 WASHINGTON	37-4
LOMA LINDA HEADQUARTER FIRE ST Status: Completed - Case Closed	11325 LOMA LINDA DR	42-6
LOMA LINDA FIRE DEPARTMENT	11325 LOMA LINDA DRIVE	42-6
5 POINT AUTO SERVICE Status: Completed - Case Closed	1221 WASHINGTON ST	43-4
CARS 101	1221	43-4
ARCO #6144 Status: Completed - Case Closed	1240 WASHINGTON STREET	43-4
ARCO #6144	1240 WASHINGTON STREET	43-4
UNOCAL #4238 Status: Completed - Case Closed	22483 BARTON	52-9
HASKELL RANCH Status: Completed - Case Closed	34250 SAN TIMOTEO CNYN	57-22,31

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SAN GORGONIO MEMORIAL PARK	2201 N SAN GORGONIO AVE	64-37
SAN GORGONIO MEMORIAL PARK Status: Completed - Case Closed	2201 SAN GORGONIO N	64-37
MOUNTAIN VIEW CEMETARY	1315	65-34
MOUNTAIN VIEW CEMETARY Status: Completed - Case Closed	1315 EDGAR AVE	65-34
MATICH CORPORATION	1990 N HARGRAVE ST	67-37,38
MATICH CORPORATION Status: Completed - Case Closed	1990 HARGRAVE	67-37,38

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 8 CA FID UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SO CAL EDISON CO	25770 SAN BERNARDINO AV	4-1
LOMA LINDA OIL COMPANY	10260 MOUNTAIN VIEW	14-6
CRAFTON MOTORS (FORMER)	25694	17-6
ARCO #5205	25715	17-6
DEE & WALT'S AUTO MAINTENANCE	10537 MT. VIEW AVE	19-6
SOUTHERN CALIFORNIA EDISON VIS	22200 NEWPORT AVE	49-9
ORANGE GROVE	26007 BEAUMONT AVE	50-11
STEIN & STEIN	30261 SAN TIMOTEO CANYO	54-20

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

A review of the CA SLIC list, as provided by EDR, and dated 01/20/2012 has revealed that there is 1 CA SLIC site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
ASHLAND CHEMICAL CO Facility Status: Open - Verification Monitoring	291 W ADAMS ST	22-3

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

A review of the CA UST list, as provided by EDR, and dated 01/20/2012 has revealed that there are 8 CA UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
MOUNTAINVIEW POWER CO LLC	25770 SAN BERNARDINO AV	4-1
LOMA LINDA OIL COMPANY	1880 MOUNTAIN VIEW AVE	10-6
CENTREPOINTE CAR WASH	1140 S MOUNT VERNON AVE	25-4

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
5 POINT AUTO SERVICE	1221 E WASHINGTON ST	43-4
TOM PREWITT CHEVRON #3537	1241 E WASHINGTON ST	43-4
AM PM MINI MARKET #6144	1240 E WASHINGTON ST	43-4
AG-ORANGE GROVE	26007 BEAUMONT AVE	50-11
CHEVRON STATIONS #1886/207497	48320 SEMINOLE DR	72-53

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 15 CA HIST UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SAN BERNARDINO GENERATING STAT	25770 SAN BERNARDINO AV	4-1
SAN BERNARDINO GEN. STATION	25770 SAN BERNARDINO AV	4-1
HAGER SUPPLY CO.	10100 MOUNTAIN VIEW AVE	11-6
ZAK'S MOBIL	10260 MOUNTAIN VIEW	14-6
PRESTIGE STATIONS INC #705	25715 REDLANDS BLVD	17-6
LOMA LINDA UNIVERSITY	11100 ANDERSON ST	26-5
FIESTA VILLAGE	22920 WASHINGTON ST	30-4
LOMA LINDA HEADQUARTER FIRE ST	11325 LOMA LINDA DR	42-6
VISTA SUBSTATION	22200 NEWPORT AVE	49-9
ORANGE GROVE	26007 BEAUMONT AVE	50-11
STEIN & STEIN	30261 SAN TIMOTEO CANYO	54-20
SUZY LYNN RANCH	10701 DESERT LAWN DR	55-23,24
DYSART RANCH	1540 EAST 14TH ST.	62-35
MATICH CORPORATION	1990 N HARGRAVE ST	67-37,38
HILL'S CABINET MANUFACTURING,	48-510 SEMINOLE DR.	73-53

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, has revealed that there are 2 NY MANIFEST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
USAF NORTON AFB	I-10 US HWY 395	0-1,2
BECHTEL MOUNTAINVIEW CONSTRUCT	25770 SAN BERNARDINO AV	4-1

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

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 14 CA SWEEPS UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SO CAL EDISON CO	25770 SAN BERNARDINO AV	4-1

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
LOMA LINDA OIL COMPANY	10260 MOUNTAIN VIEW	14-6
CRAFTON MOTORS (FORMER)	25694	17-6
ARCO #5205	25715	17-6
DEE & WALT'S AUTO MAINTENANCE	10537 MT. VIEW AVE	19-6
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3
LOMA LINDA UNIVERSITY	11100 ANDERSON ST	26-5
FIESTA VILLAGE	22920 WASHINGTON ST	30-4
CITY OF LOMA LINDA CITY YARD	26000 BARTON RD	35-6
SOUTHERN CALIFORNIA EDISON VIS	22200 NEWPORT AVE	49-9
ORANGE GROVE	26007 BEAUMONT AVE	50-11
STEIN & STEIN	30261 SAN TIMOTEO CANYO	54-20
ROBERTSONS READY MIX BANNING R	1990 N HARGRAVE ST	67-37,38
HILL'S CABINET MANUFACTURING	48510 SEMINOLE DR	73-53

CA CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CA CHMIRS list, as provided by EDR, and dated 12/31/2010 has revealed that there is 1 CA CHMIRS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SAN BERNARDINO GEN. STATION	25770 SAN BERNARDINO AV	4-1

CA LDS: The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

A review of the CA LDS list, as provided by EDR, and dated 01/20/2012 has revealed that there is 1 CA LDS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
PERFORMANCE PIPE	1280 JEFFERSON LN	29-3

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

A review of the CA AST list, as provided by EDR, and dated 08/01/2009 has revealed that there are 7 CA AST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SALTON, INC	2301 W. SAN BERNARDINO	2-1
MOUNTAINVIEW GENERATING STATIO	2492 W SAN BERNARDINO A	3-1
SCE-SAN BERNARDINO SUBSTATION	25770 SAN BERNARDINO	4-1
SCE-TIMOTEO SUBSTATION	MT. VIEW & REDLANDS BLV	17-6
JIFFY LUBE	1701 E WASHINGTON	33-4
CITY OF LOMA LINDA CITY YARD	26000 BARTON RD	35-6
SCE-VISTA SUBSTATION	22200 NEWPORT AVE	49-9

EXECUTIVE SUMMARY

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

A review of the CA Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 3 CA Notify 65 sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
TEXACO	22045 BARTON ROAD	53-8,9
BANNING FACILITY	1990 N. HARGRAVE	67-37,38
CHEVRON STATION #4886	13366 HIGHLAND SPRINGS	69-35

CA DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, and dated 01/19/2012 has revealed that there are 3 CA DRYCLEANERS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
MOUNTAIN VIEW CLEANERS	11175 MT VIEW SUITE B	21-6
MCCLEANERS	1000 E WASHINGTON ST	39-4
PALM CLEANERS	1440 BEAUMONT AVE STE A	61-34

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

A review of the CA ENF list, as provided by EDR, and dated 08/15/2011 has revealed that there are 2 CA ENF sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
GENERATING STATION,SAN BERDO	25770 SAN BERNARDINO	4-1
MHP,CALIMESA	10961 DESERT LAWN DRIVE	56-24

CA RESPONSE: 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.

A review of the CA RESPONSE list, as provided by EDR, and dated 02/07/2012 has revealed that there is 1 CA RESPONSE site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
EPTC SAN BERNARDINO	25720 SAN BERNARDINO AV	4-1

EXECUTIVE SUMMARY

CA HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the CA HAZNET list, as provided by EDR, and dated 12/31/2010 has revealed that there are 42 CA HAZNET sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
MOUNTAINVIEW POWER COMPANY LLC	25770 SAN BERNARDINO BL	3-1
SAN BERNARDINO GEN. STATION	25770 SAN BERNARDINO AV	4-1
GENERATING STATION,SAN BERDO	25770 SAN BERNARDINO	4-1
BECHTEL MOUNTAINVIEW CONSTRUCT	25770 SAN BERNARDINO AV	4-1
EPTC SAN BERNARDINO	25720 SAN BERNARDINO AV	4-1
DEXTER CHASSIS GROUP	1400 E VICTORIA AVE	5-1
PLASTIC PLUS TECHNOLOGY INC	1495 RESEARCH DR	7-1
CAPTIVE PLASTICS INC	1255 RESEARCH DR	9-1,6
CUCAMONGA MOLD	1251 RESEARCH DR	9-1,6
LOMA LINDA VALERO	1880 MOUNTAIN VIEW AVE	10-6
LOMA LINDA OIL CORPORATION	1880 MOUNTAIN VIEW	10-6
CONVERSE CONSULTANTS	10391 CORPORATE DR	15-6
SCOTT YANG	25694 REDLANDS	17-6
CAMPER SHELL DEPOT	25877 REDLANDS BLVD	18-6
DEE & WALT'S AUTO MAINTENANCE	10537 MT. VIEW AVE	19-6
MOUNTAIN VIEW CLEANERS	11175 MT VIEW SUITE B	21-6
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3
ARISTECH CHEMICAL CORPORATION	291 WEST ADAMS STREET	22-3
BASF CORPORATION	1231 S LINCOLN ST	23-3
LOMA LINDA UNIVERSITY	11100 ANDERSON ST	26-5
PERFORMANCE PIPE	1280 JEFFERSON LN	29-3
RITE AID #6256	25710 BARTON RD	31-6
STATER BROS MARKETS #081	25630 BARTON RD	32-6
CIRCLE K & 76 GAS STATION	1703 E WASHINGTON ST	33-4
ROYAL CLEANERS	1616 E WASHINGTON ST	34-4
GOODYEAR TIRE CENTER	1350 E WASHINGTON	36-4
MCCLEANERS	1000 E WASHINGTON ST	39-4
ALTMANS WINNEBAGO	1313 RV CENTER DR	39-4
DAVE ALTMANS RV CENTER INC	1030 E WASHINGTON ST	40-4
ARCO #6144	1240 WASHINGTON STREET	43-4
COURTYARD CLNRS BARON	1220 E WASHINGTON NO 2	43-4
MIKE THOMPSON REC VEH	910 SANTO ANTONIO DR 5	44-4
TERRACE VIEW ELEMENTARY SCHOOL	22731 GRAND TERRACE ROA	47-4,9
CITY OF GRAND TERRACE SENIOR H	22627 GRAND TERRACE RD	48-4,9
UNOCAL #4238	22483 BARTON	52-9
BEAUMONT H S	1591 CHERRY	60-35
RIVERSIDE COUNTY OFFICE OF EDU	1591 CHERRY AVE	60-35
PALM CLEANERS	1440 BEAUMONT AVE STE A	61-34
SAN GORGONIO MEMORIAL PARK	2201 N SAN GORGONIO AVE	64-37
MOUNTAIN VIEW CEMETARY	1315 EDGAR AVE	65-34
MATICH CORPORATION	1990 HARGRAVE	67-37,38
CHEVRON STATION NO 207497	48320 SEMINOLE	72-53

EXECUTIVE SUMMARY

CA EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the CA EMI list, as provided by EDR, and dated 12/31/2008 has revealed that there are 9 CA EMI sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
MOUNTAINVIEW POWER COMPANY LLC	25770 SAN BERNARDINO BL	3-1
SO CAL EDISON CO	25770 SAN BERNARDINO AV	4-1
GENERATING STATION, SAN BERDO	25770 SAN BERNARDINO	4-1
CAPTIVE PLASTICS INC	1255 RESEARCH DR	9-1,6
ASHLAND CHEMICAL CO	291 W ADAMS ST	22-3
BASF CORPORATION	1231 S LINCOLN ST	23-3
MCCLEANERS	1000 E WASHINGTON ST	39-4
MATCH CORPORATION	1990 N HARGRAVE ST	67-37,38
HILL'S CABINET MANUFACTURING,	48-510 SEMINOLE DR.	73-53

CA 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 CA ENVIROSTOR list, as provided by EDR, and dated 02/07/2012 has revealed that there are 10 CA ENVIROSTOR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
NORTH SAN BERNARDINO AREA Status: Active	BUNKER HILL GROUND WATE	1-1
EPTC SAN BERNARDINO Status: Active	25720 SAN BERNARDINO AV	4-1
ASHLAND CHEMICAL CO Status: Active	291 W ADAMS ST	22-3
ARISTECH CHEMICAL CORPORATION Status: Refer: RCRA	291 WEST ADAMS STREET	22-3
BASF CORPORATION Status: * Inactive	1231 S LINCOLN ST	23-3
LOMA LINDA UNIVERSITY Status: Inactive - Needs Evaluation	11100 ANDERSON ST	26-5
PERFORMANCE PIPE Status: Inactive - Needs Evaluation	1280 JEFFERSON LN	29-3
CHAVEZ ELEMENTARY SCHOOL AND E Status: No Further Action	CHERRY AVENUE/MARY LANE	58-35
DEUTCH ELEMENTARY SCHOOL NO. 2 Status: No Further Action	CHERRY AVENUE/10TH STRE	70-35
DEUTCH ELEMENTARY SCHOOL NO. 1 Status: No Further Action	8TH/ALLEGHENY	71-49

EXECUTIVE SUMMARY

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

A review of the CA HWP list, as provided by EDR, and dated 08/09/2010 has revealed that there are 3 CA HWP sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
<i>EPTC SAN BERNARDINO</i>	<i>25720 SAN BERNARDINO AV</i>	<i>4-1</i>
<i>DEXTER CHASSIS GROUP</i>	<i>1400 E VICTORIA AVE</i>	<i>5-1</i>
<i>ASHLAND CHEMICAL CO</i>	<i>291 W ADAMS ST</i>	<i>22-3</i>

CA MWMP: 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.

A review of the CA MWMP list, as provided by EDR, and dated 12/07/2011 has revealed that there is 1 CA MWMP site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
STERICYCLE, INC	10390 ENTERPRISE DR.	16-6

CA PROC: A listing of certified processors.

A review of the CA PROC list, as provided by EDR, and dated 12/12/2011 has revealed that there is 1 CA PROC site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
NEXCYCLE	26021 BUSINESS CENTER D	13-6

TRIBAL RECORDS

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there are 4 INDIAN RESERV sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
MORONGO INDIAN RESERVATION		0-28,29,37,38,39,40,41,42,52,53,54,55
MORONGO INDIAN RESERVATION		0-39,40,53,54
MORONGO INDIAN RESERVATION		0-42,55,56
MORONGO INDIAN RESERVATION		0-55,56

EXECUTIVE SUMMARY

INDIAN ODI: Location of open dumps on Indian land.

A review of the INDIAN ODI list, as provided by EDR, and dated 12/31/1998 has revealed that there are 2 INDIAN ODI sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SWDS-MORONGO: HATHAWAY		59-38
SWDS-MORONGO: GARCIA		66-38

EDR PROPRIETARY RECORDS

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>
SO CAL GAS/COLTON	NEC OF 6TH STREET AND F	20-3

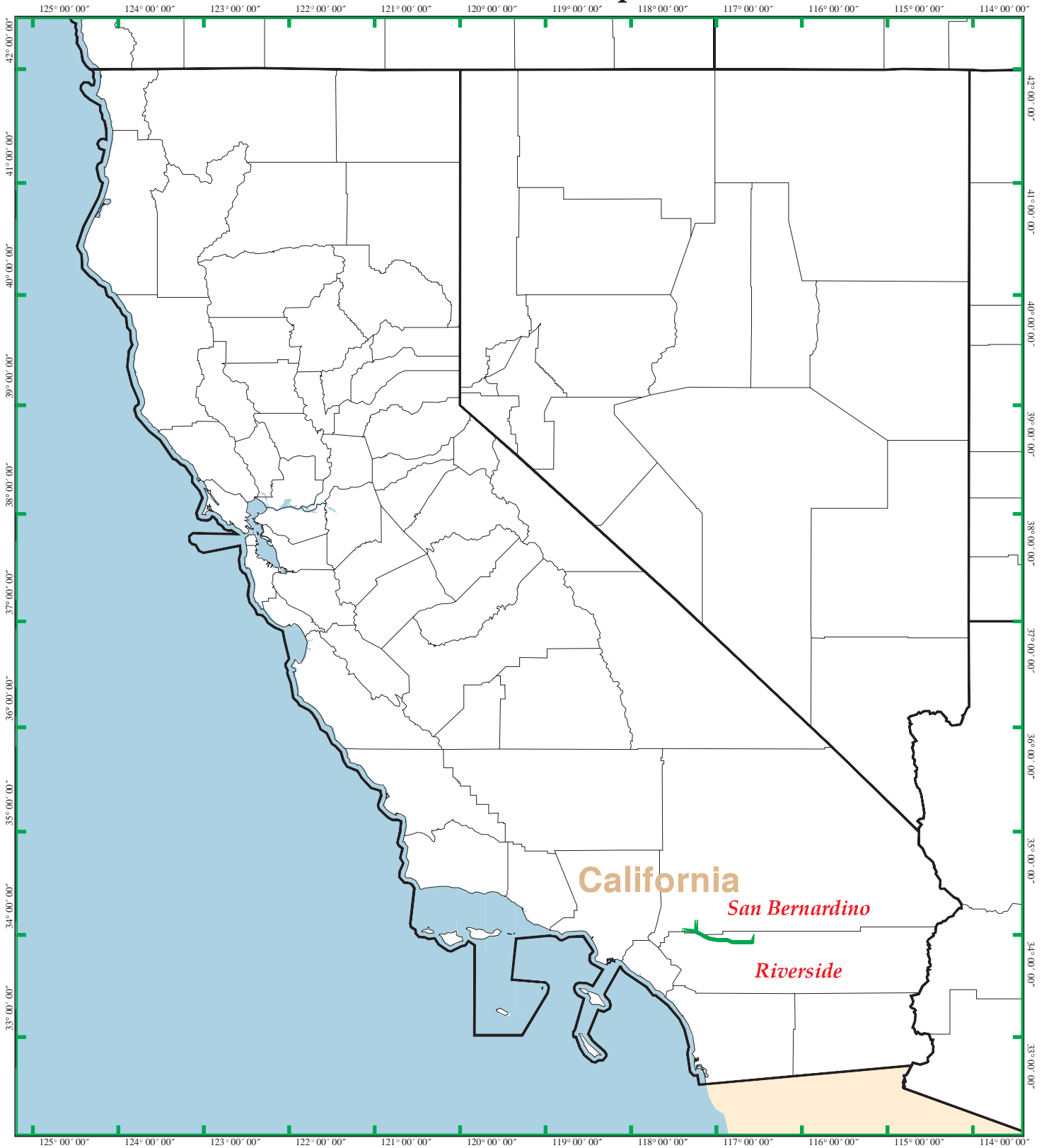
EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

Section 1

Overview and Key Map

Overview Map

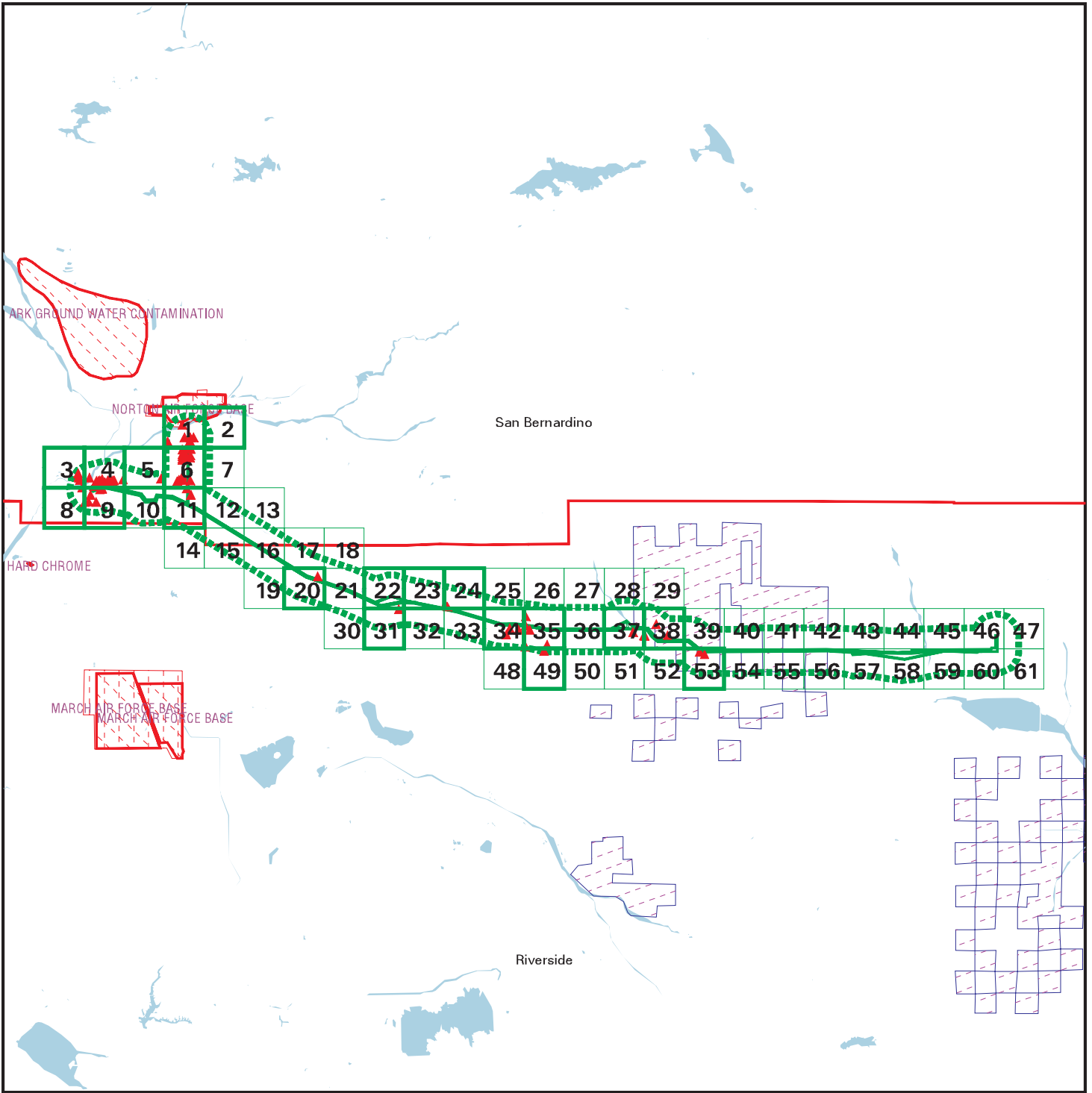


EDR DataMap® - Environmental Atlas

SCE/West of Devers



Key Map

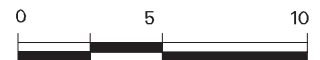


EDR DataMap® - Environmental Atlas

SCE/West of Devers

Legend

- | | | | | |
|---------------|-------------------------|-------------|-------------------|--------------|
| Roads | Waterways | Powerlines | Water | Listed Sites |
| Major Roads | Railroads | Pipelines | Superfund Sites | |
| Contour Lines | Study Boundary | Fault Lines | Federal DOD Sites | |
| | Indian Reservations BIA | | | |

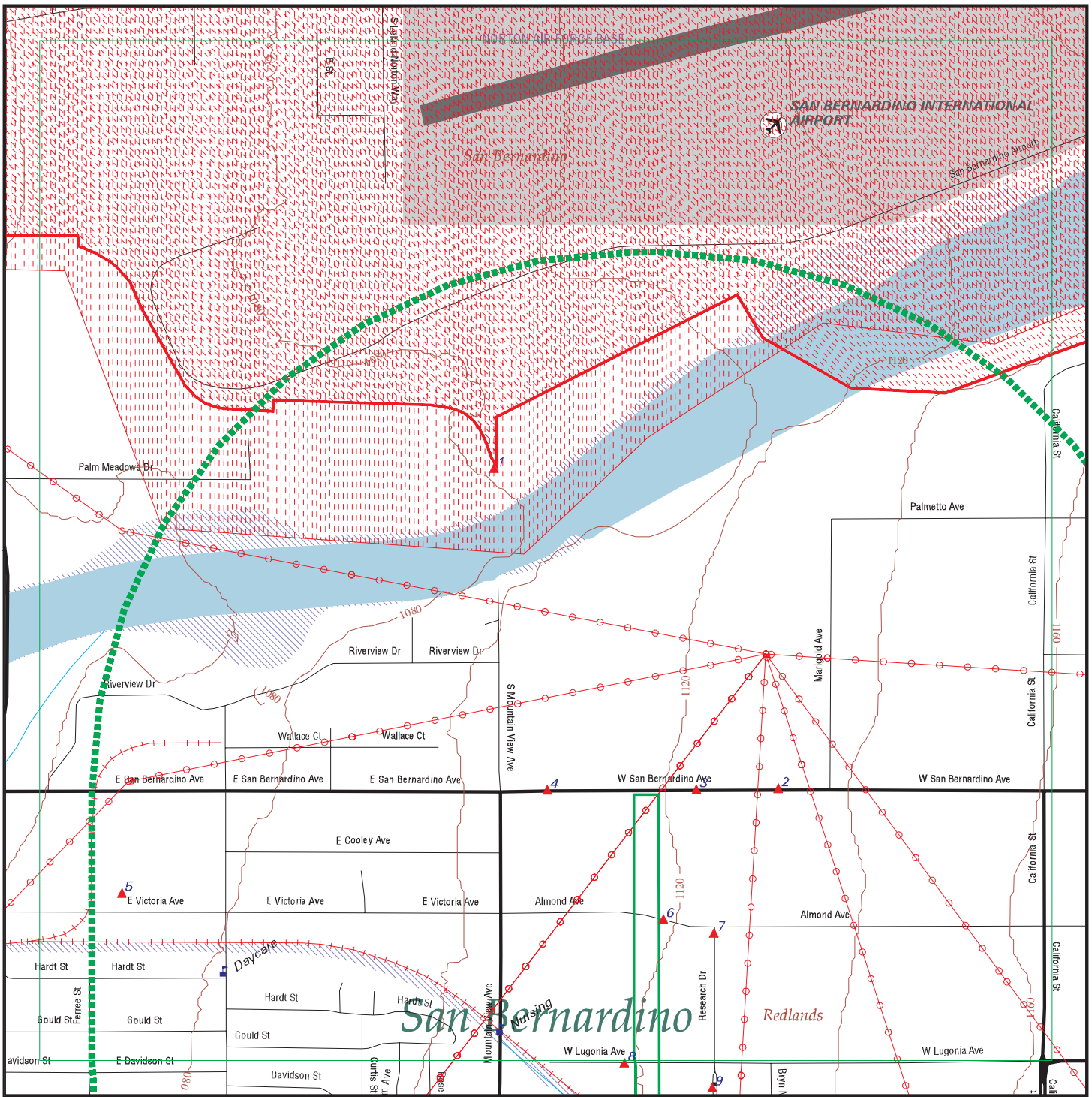


Scale in Miles

Section 2

**Focus Maps and
Findings**

Focus Map 1



EDR DataMap® - Environmental Atlas

SCE/West of Devers

Legend

- | | | | | |
|--------------------|-------------------------|-------------|-------------------|---------------------|
| Roads | Waterways | Powerlines | Water | Listed Sites |
| Major Roads | Railroads | Pipelines | Superfund Sites | Sensitive Receptors |
| Contour Lines | Study Boundary | Fault Lines | Federal DOD Sites | |
| 100-Yr Flood Zones | Indian Reservations BIA | | | |



Scale in Miles

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FOCUS MAP 1 SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	1
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	1
CERC-NFRAP	0
LIENS 2	0
CORRACTS	1
RCRA-TSDF	1
RCRA-LQG	2
RCRA-SQG	3
RCRA-CESQG	0
RCRA-NonGen	0
US ENG CONTROLS	1
US INST CONTROL	1
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	1
FUDS	0
LUCIS	0
CONSENT	0
ROD	1
UMTRA	0
DEBRIS REGION 9	0
ODI	0
MINES	0
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	1
MLTS	0
RADINFO	0
FINDS	1
RAATS	0
SCRD DRYCLEANERS	0
US HIST CDL	0
PCB TRANSFORMER	0
FEDERAL FACILITY	0
COAL ASH DOE	0
FEMA UST	0
COAL ASH EPA	0
<u>STATE AND LOCAL RECORDS</u>	
CA HIST Cal-Sites	1

FOCUS MAP 1 SUMMARY

<u>Database</u>	<u>Total Plotted</u>
CA BOND EXP. PLAN	1
CA SCH	0
CA Toxic Pits	0
CA SWF/LF	0
CA WDS	1
CA WMUDS/SWAT	0
CA NPDES	2
CA Cortese	2
CA HIST CORTESE	2
CA SWRCY	0
CA LUST	2
CA FID UST	1
CA SLIC	0
CA UST	1
CA HIST UST	2
CA LIENS	0
NY MANIFEST	2
CA SWEEPS UST	1
CA CHMIRS	1
CA LDS	0
CA AST	3
CA MCS	0
CA Notify 65	0
CA DEED	0
CA VCP	0
CA DRYCLEANERS	0
CA WIP	0
CA CDL	0
CA ENF	1
CA RESPONSE	1
CA HAZNET	9
CA EMI	4
CA ENVIROSTOR	2
CA HAULERS	0
CA HWP	2
CA FINANCIAL ASSURANCE	0
CA MWMP	0
CA PROC	0
CA HWT	0
 <u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
 <u>EDR PROPRIETARY RECORDS</u>	
Manufactured Gas Plants	0

FOCUS MAP 1 SUMMARY

Database

Total
Plotted

NOTES:

Sites may be listed in more than one database

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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**NPL
Region**
**USAF NORTON AFB
I-10 US HWY 395
NORTON AFB, CA 92409**

**NPL 1000417274
CERCLIS CA4570024345
CORRACTS
RCRA-TSDF
RCRA-SQG
US ENG CONTROLS
US INST CONTROL
ROD
PADS
FINDS
NY MANIFEST**

NPL:

EPA ID: CA4570024345
EPA Region: 09
Federal: Y
Final Date: 1987-07-22 00:00:00

Category Details:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 50 And <= 100 Feet
Category Value: 80

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: NORTON AIR FORCE BASE (LNDFL #2)
Site Status: Final
Site Zip: 92408
Site City: SAN BERNARDINO
Site State: CA
Federal Site: Yes
Site County: SAN BERNARDINO
EPA Region: 09
Date Proposed: 10/15/84
Date Deleted: Not reported
Date Finalized: 07/22/87

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: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)

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USAF NORTON AFB (Continued)

1000417274

CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal (October 15, 1984): Norton Air Force Base covers approximately 2,036 acres 58 miles east of Los Angeles near the City of San Bernardino, San Bernardino County, California. It is in a low-lying alluvial plain surrounded on the north and east by the San Bernardino Mountain Range. The base began operations in 1942 and has served as a major overhaul center for jet engines and the general repair of aircraft. Since 1962, the facility has served as a Military Airlift Command Base. In addition, Norton formerly had the responsibility for providing maintenance and logistics for liquid-fuel intercontinental ballistic missiles. Past hazardous waste management practices may have contributed to existing contamination problems throughout the base. The practices include burial of drums and other unspecified materials; disposal of waste oils, solvents, and paint residues into landfills, unlined pits, ponds, and drying beds; storage in leaking underground tanks; and spills of AVGAS, oils, solvents, PCBs, and acidic plating solutions. Industrial solvents have been used extensively on the base. Unknown quantities of spent solvents were disposed of in several base landfills. A well on the base has been contaminated with trichloroethylene (TCE). The well water is currently being used in a blended system and is sampled quarterly to ensure that TCE is below the California State action level. The water is used by approximately 11,000 people who live and/or work on the base. Norton Air Force Base is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. The Air Force has completed Phase I (records search). Phase II (remedial investigation) is underway. Status (July 22, 1987): In November 1986, the California Regional Water Quality Control Board issued a Cleanup and Abatement Order requiring Norton to clean up one on-base area, the Industrial Waste Water Treatment Plant Sludge Drying Beds. Phase II-Stage 2 of the IRP was completed in December 1986. It focused on characterization of the contamination at 18 on-base areas. More than 22 areas have been identified to date. Additional areas will be studied in Stage 3, scheduled to begin in the fall of 1987. Within the boundaries of this Federal facility, there are areas subject to the Subtitle C corrective action authorities of the Resource Conservation and Recovery Act (RCRA). However, no such areas were included in scoring this specific site. Therefore, this Federal facility site is being placed on the Federal section of the NPL under the NPL/RCRA policy announced on September 8, 1983 (48 FR 40662).

Site Status Details:

NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 07/22/1987
Deleted Date: Not reported

Narratives Details:

NPL Name: NORTON AIR FORCE BASE (LND FLL #2)
City: SAN BERNARDINO
State: CA

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Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

CERCLIS:

Site ID: 0902760
EPA ID: CA4570024345
Facility County: SAN BERNARDINO
Short Name: NORTON AIR FORCE BASE (LN)
Congressional District: 40
IFMS ID: 0978
SMSA Number: 6780
USGC Hydro Unit: 18070203
Federal Facility: Federal Facility
DMNSN Number: 2003.00000
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: Military Related
Site Settings Code: SU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: USAF
Non NPL Status: Not reported
Non NPL Status Date: Not reported
Site Fips Code: 06071
CC Concurrence Date: 20060516
CC Concurrence FY: 2006
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9271184.00000
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Contact Email: Not reported

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Contact Title: Site Assessment Manager (SAM)
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Contact ID: 13002167.00000
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USAF NORTON AFB (Continued)

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Contact Email: Not reported
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Contact Tel: (415) 972-3097
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: AREA II LANDFILL
Alias Address: GOLF COURSE
NORTON AFB, CA 92409
Alias ID: 201
Alias Name: NORTON AIR FORCE BASE (LANDFILL #2)
Alias Address: Not reported
CA
Alias ID: 202
Alias Name: NORTON AIR FORCE BASE
Alias Address: I-10-US 395
SAN BERNARDINO, CA 92408
Alias ID: 203
Alias Name: NORTON AIR FORCE BASE (LNDFFL #2)
Alias Address: I-10-US 395
SAN BERNARDINO, CA 92409
Alias ID: 9270149
Alias Name: NORTON USAF BASE
Alias Address: 63ABG/CC
NORTON AFB, CA 86023
Alias ID: 201
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977

Site Description: The Base Closure team has worked closely with the City of Riverside to ensure that controls are in place to protect the public from exposure to contamination. The Air Force constructed a groundwater extraction and treatment remedy in 1994 and is currently operating two pump and treat systems which have treated over 90 million gallons of contaminated groundwater to date. Approximately 325 lbs. of TCE have been removed from the groundwater. Additionally, a soil vapor extraction system is currently operating and 6,247 lbs. of TCE have been removed from the contamination source area. Since 1994, the Air Force has excavated approximately 40,000 cubic yards of contaminated soils from various locations on the base which were then treated and disposed of on-site, or transported to an off site disposal facility. The Air Force also closed numerous underground storage tanks and excavate and treated contaminated soil using bioremediation technology in 1996. An investigation of alleged radiological contamination was conducted and results showed that elevated levels of radionuclides in groundwater were caused by naturally occurring uranium. In 1996, the Air Force removed a waste line contaminated with radium paint residue and another industrial waste line. A JP-4 aircraft fuel system which was not contaminated will be salvaged for future use by the airport. In 1980, DOD issued a policy requiring identification of hazardous waste sites. In 1982, Norton issued the Phase I Records Search. In 1985, the site issued the Phase II Problem Confirmation Study. In June 1989, after various investigations, the Air Force signed the Norton AFB Federal Facility Agreement. In November 1990, Norton AFB began the Central Base Area (CBA) OU Groundwater Investigation to define the extent of the plume. In 1991, through a removal action, TCE-contaminated soil was treated onsite. In early 1993, the Air Force issued a draft RI, FS and proposed plan. In June 1992, the

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USAF NORTON AFB (Continued)

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Air Force began a treatability test of the ground water pump and treat system. In 1993, Norton AFB issued the Final FS and Plan. The 2,003-acre Norton AFB is located in San Bernardino County, California (40th Congressional District), approximately 65 miles east of Los Angeles. The site is bounded by the Santa Ana River to the south, and other adjacent areas are used for residential, industrial, and agricultural purposes. Operations at the site began in 1942, and the facility served as a major overhaul center for jet engines and the general repair of aircraft. The site formerly had the responsibility of providing maintenance and logistics for liquid-fuel intercontinental ballistic missiles. There are more than 20 areas of contamination on the base including two landfills, six discharge areas, four chemical pits, a fire training area, a fuel spill area, a polychlorinated biphenyl (PCB) spill area, a chemical spill area, two waste storage areas, an underground storage area, and a low-level radioactive waste burial site. Soil contaminants included PCBs, trichloroethylene (TCE), petroleum hydrocarbons, metals such as lead and polycyclic aromatic hydrocarbons. An off-site groundwater plume (TCE) has impacted several municipal drinking water wells. Norton AFB was closed by the Department of Defense in March 1994, based on the legislative requirements in the Base Realignment and Closure Act of 1990. Consistent with the reuse alternatives identified in the Final Environmental Impact Statement, the Base is being redeveloped as an airport with mixed non-aviation, light industrial land use. Norton Air Force Base is located in the city of San Bernardino, San Bernardino County, California, 55 miles east of Los Angeles and 60 miles west of Palm Springs. The main surface water features near the site are City Creek, Warm Creek, the Twin Creek flood control channel, and the Santa Ana River, which flows southwest along the southern base boundary. The aquifer system beneath the site is part of the Bunker Hill hydrologic basin. Drinking water is derived from the middle and lower water-bearing zones. The site is classified as residential and light industrial. Adjacent properties includes area of residences, light and heavy industry, and agriculture. The population of the county is 1,418,380. The site was activated in March 1942 as an engine repair center for Air Force, U. S. Navy, and private industry aircraft. The site became a Military Airlift Command base in 1966. In 1968, the Aerospace Audiovisual Services established its headquarters at the base. The site also provided airlift and sustenance capabilities for air and combat units world-wide. Solvents, specifically TCE, were used in servicing aircraft from 1940s to the early 1980s. Former waste disposal, handling, and discharge practices have resulted in the contamination of soil and the upper water-bearing zone of a drinking water aquifer. The base was officially added to the U.S. EPA National Priorities List (NPL) on July 22, 1987. The U.S. EPA, California Department of Toxic Substances Control (DTSC), and the U.S. Air Force signed an interagency agreement, known as the Norton AFB Federal Facility Agreement (FFA) on June 29, 1989, which governs the conduct of environmental investigation and cleanup activities. The Air Force, U.S. EPA, DTSC, and the Regional Water Quality Control Board (RWQCB) Santa Ana Region comprise the Base Realignment and Closure (BRAC) Cleanup Team (BCT), with the Air Force serving as lead agency. The base has been subdivided into six separate areas for purposes of investigation and description of base activities. Since closure and redevelopment of portions of the base, many streets have been renamed. -The Central Base Area (CBA), which reflects the western one-third of the former base, was the most developed portion of the base and included the majority of offices, warehouses, on-base housing, engineering yards, and aircraft repair facilities. -The former Ballistic Missile Organization (BMO) complex is located south of the CBA and across Mill Street. The former BMO complex has been deeded to the Inland Valley Development Agency and a portion is occupied by the Defense Finance and Accounting Service. -The airfield includes the runways, ramps, aircraft parking, and hangars used for aircraft repair. The

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airfield covers the eastern two-thirds of the former base. -The Northeast Base Area (NBA) is located north of the airfield and represents the portion of the base with the oldest buildings. The original aircraft hangars and repair facilities are located within the NBA, as well as the former base Landfill No. 2. -The Golf Course Area (GCA) is located south of the airfield and is the current site of the Palm Meadows Golf Course. Prior to construction of the golf course, the GCA was used as a landfill (IRP Site 10), liquid waste disposal (IRP Site 1), a quartermaster's salvage yard, and chemical warfare training area, among other activities. -The former industrial waste treatment plant (IWTP) facility is located south of the GCA and was used for the treatment of liquid wastes generated as part of aircraft maintenance and repainting. Several investigations were conducted from 1982 to date. The 1982 to 1988 investigations resulted in identification of 22 Installation Restoration Program (IRP) sites. During closure of the base, additional records investigations resulted in identification of 73 AOCs. Contamination at the Small Arms Range (SAR) and the pipeline excavation at Building 752 was identified during cleanup actions performed at these sites. OU2: Site Specific Information IRP Site 1 - IRP Site 1 is in the GCA and was the location of former unlined lagoons used from 1950 to 1960 for the disposal of liquid waste generated during aircraft repair. During the 1960s, a portion of the golf course was constructed over the site without removing all industrial waste. The Remedial Investigation (RI) identified soils contaminated with paints, solvents, oil, fuels, and solids that had been washed into the industrial waste system. Chlorobenzene, 1,2-dichlorobenzene (DCB), and 1,4-DCB exceeded industrial PRGs. An Engineering Evaluation/Cost Analysis (EE/CA) identified removal of contaminated soil to a depth of approximately 30 feet below ground surface (bgs), backfilling with clean soil, and restoring the site as a portion of a fairway and green. A total of 20,325 tons of contaminated soil was excavated from an area of approximately 25,000 square feet, to the top of the perched-zone groundwater at a depth of approximately 29 feet bgs. The excavation was located next to a berm that supports the airfield perimeter road. Based on confirmation sampling results the contamination extended beneath the perimeter road. For technical and implementability reasons, the deep and lateral contamination was not removed. The area of affected soil left in place covers approximately 3,800 square feet. IRP Site 1 is part of the active golf course, and the property is currently zoned industrial/commercial by the city of San Bernardino. The projected long-term use of the site is expected to be commercial/industrial-related options for the property. IRP Site 2 - IRP Site 2 is located in the northeast corner of former Norton AFB and is the location of a former base landfill used between 1958 and 1980. Originally, it covered approximately 31 acres and was used for the disposal of general refuse, office waste, industrial waste, and industrial waste treatment plant (IWTP) sludge. Under CERCLA, the presumptive remedy for landfills is to leave waste in place and to provide an appropriate containment system. Under the presumptive remedy guidelines, various cover systems and associated gas control systems were evaluated in an EE/CA for IRP Site 2, and a natural soil cover was selected with an appropriate surface water control system. Because landfill gas (e.g., methane, PCE, trichloroethene [TCE], and vinyl chloride) was present, a landfill gas control system was also required. The cover, surface water control, and gas control systems were described in an Action Memorandum (AM). The design for the landfill has been implemented with consolidation into a smaller footprint and construction of the landfill cover and gas collection/control systems completed in December 1998 and accepted by the BRAC Cleanup Team (BCT) in February 1999. Site 2 is a closed landfill, and the property is currently zoned industrial/commercial by the city of San Bernardino. The projected long-term use of the site is expected to be passive open space. IRP Site 5 - IRP Site 5 served as the training area for fire

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control and abatement exercises from the late 1950s through the 1970s. Site 5 is in the southern portion of the former base, east of the golf course. Fire training exercises involved floating a layer of oil, fuel, or other combustible material on a layer of water and repeatedly igniting and extinguishing the material. RI results showed the site to contain metals (cadmium, copper, lead, and zinc) and dioxins in near-surface soils (to 10 feet bgs) and fuels (benzene, toluene, ethylbenzene, xylenes [BTEX]), solvents, and PAHs in deeper soils up to 40 feet bgs. The EE/CA and subsequent AM for IRP Site 5 selected soil vapor extraction (SVE) for remediation of fuel contamination, excavation followed by stabilization of the metals/dioxin-contaminated soil, and excavation and disposal of the PAH-contaminated soil. This removal action was completed during 1998 and involved an area of approximately 100,000 square feet. Excavation was performed to a maximum depth of 13 feet bgs, and confirmation samples were taken on the sidewalls and bottom of the excavation. The SAR impact berm adjacent to IRP Site 5 was also removed during the Site 5 removal action. The SVE component of the remedy removed 22,600 pounds of hydrocarbons. The SVE system was operated from January 10, 1996, until July 10, 1997. The effectiveness of the SVE system was assessed through confirmation soil boring samples and vadose zone leaching modeling. The model simulations indicated that the SVE removal adequately addressed the hydrocarbon contamination and was protective of groundwater. The soil excavation was performed in two phases. The first phase consisted of the removal of 21,104 tons of contaminated soil and 4,589 tons of rock and debris. This material was transported to the IRP Site 2 landfill. The lead in the contaminated soil was stabilized using 15 percent (by weight) Portland cement to meet State of California nonhazardous waste criteria. The soil that met nonhazardous criteria was used as foundation material for the landfill cap. The material not meeting the California nonhazardous waste criteria (1,443 tons) met federal nonhazardous waste criteria and was shipped to Browning Ferris Industries (BFI) landfill in La Paz, Arizona, for disposal. The second phase involved excavation of 3,496 tons of contaminated soil, stabilized with 15 percent (by weight) Portland cement, which was shipped to the BFI landfill in Arizona for disposal as an RCRA nonhazardous waste. The excavation area was backfilled with clean soil to the level of the former topographic grade. No groundwater contamination is associated with IRP Site 5. The site is being used for storage of golf course landscape waste prior to off-site disposal, and the property is currently zoned industrial/commercial by the city of San Bernardino. The projected long-term use of the site is expected to be industrial/commercial-related. Small Arms Range - The SAR was located immediately adjacent to IRP Site 5 and historically included an impact berm. The berm was contaminated by lead projectiles as a result of small arms practice, and a removal action was addressed in a work plan. Because the berm was contiguous with Site 5, portions of the berm were removed during the Site 5 removal action. A total of 11,478 tons of material was removed from the SAR, including 210 tons of bullet fragments and rock, classified as RCRA hazardous waste, and disposed at the Laidlaw Environmental Services landfill in Westmoreland, California. Nonhazardous waste, including 128 tons of rock and debris and 9,124 tons of soil, was placed at the IRP Site 2 landfill. The remaining 2,106 tons of soil were stabilized with 15 percent (by weight) Portland cement. This material did not meet California nonhazardous waste criteria and was shipped to the BFI landfill in Arizona for disposal. Confirmation samples were collected, and lead was detected above the residential PRG at one location. Following completion of the soil removal action, much of the remaining portion of the SAR impact berm was pushed into the Site 5 excavation as fill. The soil from the berm was then covered with soil imported from the adjacent riverbed to bring the Site 5 area back to its original grade. The firing line area of the SAR remains as a ground depression

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and is not being used. Projected long-term plans for the area are industrial/commercial-related use. The firing line area remains as a ground depression and is not being used. Projected long-term use of the site is expected to be commercial/industrial-related options for the property. IRP Site 7 - IRP Site 7 is located in the southeast corner of the former IWTP compound. Although Site 7 is part of this CERCLA ROD, as part of the former IWTP, Site 7 also must be closed as part of the RCRA corrective action termination of the interim status facility (two separate closure processes). The site included 12 concrete-walled, unlined sludge-drying beds, covering approximately 17,280 square feet. The beds were used to dry sludge generated at the IWTP until 1987. During removal of the sludge, it was temporarily stored at the northeast corner of the site. The former waste pile appears to have been located on what is now highly weathered asphalt pavement. Physical removal and disposal of the concrete-walled sludge-drying beds and surface soils were completed in March 2004, and the CERCLA closure report is in review. The site is currently not being used. The property is zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be commercial/industrial-related options for the property. IRP Site 10 - Site 10 is located along the southern base boundary in the eastern portion of the golf course. Landfill No. 1 was used by the Air Force from 1943 to 1958, primarily for disposal of general refuse, which was apparently burned at the site. The 1984 to 1995 investigations, which included sampling for metals, pesticides, PAHs, and PCBs, indicated the presence of metals in ash (primarily chromium and lead) above the residential soil PRGs in shallow soil (0 to 2 feet bgs). Based on the RI data for metals, an RA for Site 10 was evaluated in an EE/CA. Because contamination was not significantly above industrial soil cleanup goals, the Air Force elected to establish a deed restriction for the site. However, the ecological risk assessment (ERA) determined that the contamination was localized, and concentrations of chromium and lead at the hot spots posed a significant risk to plants and animals. The Air Force responded by developing a hot-spot removal plan for Site 10. A removal action was performed at four hot spot locations that resulted in excavation of 340 cubic yards of contaminated soil. Approximately 224 cubic yards of contaminated soil were disposed at the Site 2 landfill, and 116 cubic yards were disposed off site. Physical removal and disposal of dioxin-contaminated soil were completed in 2004, and the closure report is in preparation. The northern portion of the site is used as a golf course fairway, and the property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site north of the base boundary is expected to be industrial-related. The southern portion of the site includes habitat for two endangered species, and is bounded by a man-made flood protection levee. The southern portion is off base and is zoned open space with unrestricted public access. IRP Site 17 - IRP Site 17 is located in the southwestern corner of the former IWTP compound. Although Site 17 is part of the CERCLA ROD, as part of the former IWTP, Site 17 is undergoing RCRA closure as part of the corrective action termination of the RCRA interim status facility (two separate processes). The former IWTP treated industrial wastewater from the repair of military aircraft from 1960 to 1993. Most of the IWTP facility was removed in 1995. IRP Site 17 is comprised of two connected brick-lined sumps that the Air Force constructed during the early 1960s for the purpose of burning waste fuels and solvents. The Air Force initiated burning, but in 1961 permission for continued burning was denied by local air quality authorities. Therefore, the sumps were used for waste destruction for a limited time but were used primarily as holding tanks for the IWTP and as an oil/water separator until 1985. The area immediately south of the sumps was also used for storage of solvent and plating wastes contained in 55-gallon drums. Site 17 was subject to a series of site investigations initiated in 1984. Site investigations have identified a zone of fine-grained

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soils, 25 to 55 feet bgs, that underlie and overlie two zones of coarser-grained soils. An EE/CA prepared for Site 17 presented a detailed analysis of the subsurface conditions at the site. In summary, there are two water-bearing zones below the Site 17 area. The first zone is a perched groundwater layer that is supported by a layer of finer-grained silts and clays extending from approximately 25 to 55 feet bgs. Collectively, the zone of finer-grained soils starting at 25 feet bgs and the perched groundwater supported by the finergrained soils is termed the "perched zone." Below the zone of finer-grained soil material is the second zone, termed the "upper aquifer." The upper aquifer comprises sands and gravels that extend to at least 500 feet below the site. During the early 1980s, the top of the upper aquifer was in contact with the zone of finer-grained soil material at 50 feet bgs. Between 1984 and 1988, the elevation of the upper aquifer dropped 7 to 10 feet, below the soil layer of the perched zone. Between 1988 and 1993, the water elevation decreased another 15 to 25 feet, resulting in several dry monitoring wells. The depth to groundwater in the upper aquifer now ranges from approximately 75 to 90 feet bgs (depending on seasonal fluctuations) in the area of IRP Site 17. The perched-zone groundwater contamination is assumed to have resulted from the former chemical waste storage at Site 17. The source may have been from the drums of waste solvents once stored at Site 17 or leakage from the Site 17 sumps. Due to the sandy nature of the surface soils, the solvent migrated downward to the perched zone, where further downward migration was retarded by the finer-grained soils. The two sumps, which were part of the IWTP, were removed in 2003, and the CERCLA closure report is in preparation. The site is currently not being used. The property is zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be as industrial/commercial-related options for the property. IRP Site 19 - Site 19, located in the CBA to the south of Building 763, was formerly used as a drum storage area and aircraft washing facility. Drums of fuels, oils, electroplating solutions, TCE and trichloroethane (TCA) sludge, and cyanide waste solutions were stored on an unpaved fenced lot. The area south of Building 763 was the general location of the original aircraft washing facility. This facility was removed in 1966, and the area was resurfaced with 20 inches of concrete to become part of the flight line. Site 19 was investigated during the 1984 to 1986 IRP and the 1991 to 1993 RIs. PCBs were detected in excess of residential PRGs, primarily in the upper 6 inches of soil beneath the concrete runway apron. An interim ROD was developed for IRP Site 19 to identify a use restriction documenting the presence of the contamination. This ROD and its decision for IRP Site 19 will supersede the interim ROD. No groundwater contamination is associated with this site. The long-term future land use for Site 19 is to retain the runway apron for use by the San Bernardino International Airport Authority (SBIAA) airfield. AOC 4 - Building 301, located in the NBA near U and 102nd streets, was an equipment and vehicle washing facility. During the 1950s, the building was part of a spray painting facility. At the time of base closure (1994), it was used by civilian auto hobby personnel. AOC 4 consists of the foundation of former Building 301, an adjacent washing slab, and adjacent soil areas. A separator/dosing chamber was removed and its location evaluated as part of the basewide underground storage tank (UST) program. A solids collection pit and two trench drains were identified during the site investigation. The concrete washing slab was heavily stained, particularly near the trench drains. Drums of oil and other materials were stored in sheds along the southern drain line. A 4-foot-by 4-foot-wide area surrounded by a 6-foot-tall chain-link fence is located to the north of the washing slab and may represent the location of a former waste receptacle. The area is capped with a wooden cover, and the material under the cover may be fill. The area of affected soil is approximately 40 feet by 120 feet. No groundwater contamination is associated with this AOC. AOC 4 is on

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a parcel that was transferred by SBIAA to the San Bernardino County Fire Department under a Federal Aviation Administration (FAA) covenant that allows only industrial, commercial, or aircraft support usage. The Fire Department has refurbished Building 302 for office use and vehicle repair and is using the area west of the building (north of AOC 4) as a household hazardous waste collection point. Remedial alternatives were evaluated in an EE/CA. The Air Force identified ICs as the preferred alternative in the AM. Paved areas south of Building 302 are being used for vehicle and equipment storage. The western half of AOC 4 is covered by grassy weeds, while the eastern half is paved and includes a covered storage area. The Fire Department plans to use the paved area for equipment storage, while there are no plans for use of the grassy area of AOC 4 outside of the fenced storage yard. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be industrial/commercial-related options for the property. AOC 18 - Former Buildings 451 and 452 were located in the CBA, east of Tippecanoe Avenue and north of Harry Sheppard Boulevard. Building 451 was a former garage and gas station in operation from 1942 to the late 1960s or early 1970s; Building 452 was the site of USTs. A 1942 site drawing indicates five 12,000-gallon gasoline USTs, a fueling station, and an oil storage house (Buildings 452, 451, and 450, respectively), although a 1967 site drawing indicates only two 12,000-gallon USTs were present. All structures and USTs have been removed. AOC 18 was investigated during the confirmation study (CS) and expanded source investigation (ESI). The soil contamination covers an area of approximately 600 feet. Prior to the initial redevelopment activities, AOC 18 was covered by an asphalt-paved parking lot that served the adjacent base post office. From January 2000 to 2004, the surface of the AOC was bare earth facilitating aeration (volatilization) of the fuel-related chemicals. The site is now paved with asphalt as part of the Mattel warehouse and distribution center. Remedial alternatives were previously evaluated in an EE/CA. The Air Force identified ICs in the AM as the preferred RA. AOC 18 is on property that was transferred to Inland Valley Development Agency (IVDA). IVDA has demolished all structures in the vicinity of AOC 18 and removed all pavement in preparation for redevelopment. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be industrial/commercial-related options for the property. AOC 33 - Building 747, located in the southeastern corner of the CBA, was one of the primary industrial facilities at Norton AFB. Although AOC 33 is part of this CERCLA ROD, as part of the former Industrial Waste Line (IWL), it is also part of the RCRA corrective action termination of the interim status facility (two separate closure processes). The building was constructed in 1942 and renovated in 1944, 1953, and 1955. From 1942 to 1966, the building supported operations for the repair and overhaul of engines and other aircraft parts. Building 747 was converted into a freight terminal facility in 1966, and the building served as offices and storage facilities. Subsurface soil contamination at AOC 33 is associated with sumps (some recently removed) buried beneath an asphalt access road immediately south of Building 747. The sump portion of AOC 33 is part of the IWL that is undergoing RCRA corrective action termination as an interim status facility. AOC 33 was investigated during the CBA OU RI, CS, and the ESI. No groundwater contamination is associated with AOC 33. Remedial alternatives were evaluated in an EE/CA. The Air Force identified a deed restriction in the AM as the preferred RA. The sump and surrounding soil were removed in 2003. The CERCLA closure report is in preparation. AOC 33 is on property that has been leased by the Air Force to SBIAA. Building 747 has been subleased by SBIAA to several entities for commercial use. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be industrial/commercial-related

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options for the property, including aviation support. AOC 39 - AOC 39 is located west of Club House Drive and south of the southern perimeter road, where an underground storm drainpipe empties into a grass-covered fairway drainage ditch. The discharge serves storm drain lines that originate along the southern flight line area. An oil/water separator removes oil prior to discharge into the ditch. The discharge point possibly received waste from the flight line and Buildings 695, 763, and 795. Aerial photographs from the 1950s and later indicate that fluids from aircraft repair and fueling emptied into the storm drain system. A 1982 interview record indicated that flight line oils were occasionally observed in the golf course drain. No groundwater contamination is associated with AOC 39. Remedial alternatives of AOC 39 were previously evaluated in an EE/CA. The Air Force selected deed restrictions in the AM as the preferred RA. AOC 39 was evaluated further in the BWFS. AOC 70 - AOC 70 was a percolation pond used for treated IWTP effluent during the mid-1980s to 1993. Although AOC 70 is part of this CERCLA ROD, as part of the former IWTP, AOC 70 also must be closed as part of the RCRA corrective action termination of the interim status facility (two separate closure processes). On December 31, 2004, DTSC-RCRA acknowledged that AOC 70 was clean closed. The 0.25-acre pond site was constructed upon sandy soils that readily facilitated infiltration of the treated effluent into the subsurface. There was no outflow from the pond. The pond dried out when the IWTP ceased functioning in mid-1993. AOC 70 was investigated under the CS Addendum No. 2. RAs were evaluated in an EE/CA. The Air Force selected a soil removal action in the AM as the preferred remedy. The Air Force completed the removal action in 1997 and backfilled the site with certified clean fill. No groundwater contamination is associated with the AOC. AOC 70 is within a parcel of the base that has been leased to IVDA. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be as industrial/commercial-related options for the property consistent with city of San Bernardino zoning. Building 752 - Building 752 is located in the eastern portion of the CBA adjacent to the airfield. The building was used during the 1940s and 1950s for the repair of aircraft instruments, including painting instrument dials with radio-luminescent paint containing radium-226. The room used for painting dials was sealed in 1955 when painting operations ceased. During the period that painting occurred, paint waste was flushed into a sink connected to the sanitary sewer. Investigations of the sink and piping system showed that they were contaminated by radium-226. This included the piping system outside of the building to where it connected with the sanitary sewer. Cleanup of the interior piping system and interior surfaces of Building 752 were handled under separate programs. Cleanup of soils affected by radium-226 waste outside of Building 752 are being addressed in this ROD. To determine whether soils outside of the building had been affected by the discharge of paint waste into the sanitary sewer pipe, the pipe was excavated for visual characterization and soil sampling. The pipe was constructed of 6-inch vitreous clay in 3-foot sections. Two soil samples collected as part of the initial site characterization were found to contain radium-226 at 169 ±10 pCi/g and 1,940 ±20 pCi/g (background is 1.41 pCi/g). The entire waste line piping was surveyed with a field instrument and found to exhibit gamma radiation above background levels. Excavation of the piping system was conducted July 23 through August 1, 1996. The excavation was approximately 3 feet deep where the waste line exited the southwest corner of the building, and extended to a depth of 9 feet where the waste line entered the sanitary sewer. All excavated soil and piping was disposed off site. Before backfilling the trench, a new waste line was installed between the building and the sanitary sewer. After backfilling the trench, asphalt pavement was placed over the excavation. As part of the overall radium-226 investigation of the Building 752 area, additional radium-226 contamination was discovered in an

MAP FINDINGS
FOCUS MAP 1

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USAF NORTON AFB (Continued)

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area immediately west of the building. Building drawings from the 1950s indicate a wooden loading dock attached to the building over the affected area. In February 2001, the loading dock area was sampled for radium-226. The investigators determined that the area of concern is 11 by 55 feet, with depth of contamination between 1 and 4 feet bgs. The estimated volume of affected soil is 1,400 cubic feet. Radium-226 contaminated soil was removed in 2004. The closure report is in preparation. All contaminated soil will be properly disposed. Currently the site is not in use. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the building and surrounding area is expected to be industrial/commercial-related options for the property (airfield support). Northeast Base Area PCE Plume - The NBA has two PCE plumes, one in the eastern portion (east PCE plume) where the former Site 2 landfill is situated, and a smaller plume in the central portion (west PCE plume). Only the west PCE plume has been above the maximum contaminant level (MCL) for PCE since April 2003. The average gradient in the NBA has been observed to fluctuate between a low of 0.004 foot per foot (October 2003) and a high of 0.039 foot per foot (April 1996). Seasonal variation remains relatively constant. The source of the contamination contributing to the NBA west PCE plume is not believed to be associated with IRP Site 2. PCE concentrations are higher in the west plume than those in the east plume, whereas they would be expected to be less due to contaminant dispersal. The groundwater flow direction in the NBA is to the west to west-northwest. Groundwater quality data for the NBA plume wells do not indicate significant movement of the plumes, either horizontally or vertically. The property overlying the NBA plume is zoned industrial/commercial by the city of San Bernardino. The projected long-term use for Site 2, which overlies the east plume, is expected to be passive open space or potentially a long-term, open storage area. The projected long-term use for the property over the west plume is industrial/commercial, possibly warehousing. A Record of Decision (ROD) addressing Operable Unit 2 (OU2) was completed in September of 2005.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
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: SITE INSPECTION
Date Started: Not reported
Date Completed: 04/01/1984
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

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Map ID Site Database(s) EPA ID Number

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

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/01/1984
Priority Level: Low 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: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 10/15/1984
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: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 07/22/1987
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: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 06/01/1988
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.:

MAP FINDINGS
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Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

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Action Code: 001
Action: INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started: 05/05/1987
Date Completed: 06/29/1989
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 INTERAGENCY AGREEMENT
Date Started: 05/05/1987
Date Completed: 06/29/1989
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 REMOVAL
Date Started: 01/04/1991
Date Completed: 04/08/1992
Priority Level: Cleaned up
Operable Unit: SITEWIDE
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: 11/24/1993
Priority Level: Not reported
Operable Unit: CENTRAL BASE AREA
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: 06/29/1989

MAP FINDINGS
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Map ID Site Database(s) EPA ID Number

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Date Completed: 11/24/1993
Priority Level: Not reported
Operable Unit: CENTRAL BASE AREA
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: 11/24/1993
Date Completed: 09/16/1994
Priority Level: Not reported
Operable Unit: CENTRAL BASE AREA
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: Restoration Advisory Board
Date Started: 12/01/1994
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: 001
Action: ENGINEERING EVALUATION/COST ANALYSIS
Date Started: Not reported
Date Completed: 03/29/1996
Priority Level: Not reported
Operable Unit: BASEWIDE
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: 09/16/1994
Date Completed: 07/26/1996
Priority Level: Not reported
Operable Unit: CENTRAL BASE AREA
Primary Responsibility: Federal Facilities

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

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

Action Code: 017
Action: FEDERAL FACILITY REMOVAL
Date Started: 09/20/1996
Date Completed: 11/15/1996
Priority Level: Not reported
Operable Unit: BASEWIDE
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 REMOVAL
Date Started: 03/25/1996
Date Completed: 04/22/1997
Priority Level: Partially Cleaned up
Operable Unit: BASEWIDE
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: RECORD OF DECISION
Date Started: Not reported
Date Completed: 06/25/1997
Priority Level: Not reported
Operable Unit: BASEWIDE
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 REMOVAL
Date Started: 04/15/1996
Date Completed: 07/22/1997
Priority Level: Not reported
Operable Unit: BASEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

MAP FINDINGS
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Map ID Site Database(s) EPA ID Number

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

Action Code: 008
Action: FEDERAL FACILITY REMOVAL
Date Started: 04/18/1996
Date Completed: 12/19/1997
Priority Level: Partially Cleaned up
Operable Unit: BASEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Non-Time Critical
Action Anomaly: Not reported

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

Action Code: 009
Action: FEDERAL FACILITY REMOVAL
Date Started: 06/30/1997
Date Completed: 12/08/1998
Priority Level: Not reported
Operable Unit: BASEWIDE
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 REMOVAL
Date Started: 06/25/1997
Date Completed: 12/08/1998
Priority Level: Not reported
Operable Unit: BASEWIDE
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: 002
Action: FEDERAL FACILITY REMOVAL
Date Started: 12/21/1995
Date Completed: 07/28/1999
Priority Level: Not reported
Operable Unit: BASEWIDE
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.:

MAP FINDINGS
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Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

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Action Code: 007
Action: FEDERAL FACILITY REMOVAL
Date Started: 04/25/1996
Date Completed: 09/30/1999
Priority Level: Stabilized
Operable Unit: BASEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Approved
Urgency Indicator: Non-Time Critical
Action Anomaly: Not reported

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

Action Code: 001
Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: 03/05/1999
Date Completed: 10/27/1999
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: 002
Action: OPERATIONS AND MAINTENANCE
Date Started: 11/28/1999
Date Completed: Not reported
Priority Level: Not reported
Operable Unit: BASEWIDE
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 INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/01/1998
Date Completed: 06/10/2003
Priority Level: Not reported
Operable Unit: BASEWIDE
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: 016
Action: FEDERAL FACILITY REMOVAL
Date Started: 12/11/2003
Date Completed: 12/03/2004
Priority Level: Not reported

MAP FINDINGS
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Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Operable Unit: BASEWIDE
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: 002
Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: 02/28/2005
Date Completed: 09/20/2005
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: 002
Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/29/2005
Priority Level: Final Remedy Selected at Site
Operable Unit: BASEWIDE
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: 014
Action: FEDERAL FACILITY REMOVAL
Date Started: 11/24/2003
Date Completed: 09/29/2005
Priority Level: Not reported
Operable Unit: BASEWIDE
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: 013
Action: FEDERAL FACILITY REMOVAL
Date Started: 02/02/2004
Date Completed: 09/29/2005
Priority Level: Not reported
Operable Unit: BASEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported

MAP FINDINGS
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Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

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Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 015
Action: FEDERAL FACILITY REMOVAL
Date Started: 12/17/2003
Date Completed: 09/29/2005
Priority Level: Not reported
Operable Unit: BASEWIDE
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: OPERATIONS AND MAINTENANCE
Date Started: 07/26/1996
Date Completed: 12/21/2005
Priority Level: Not reported
Operable Unit: CENTRAL BASE AREA
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: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: Not reported
Date Completed: 05/16/2006
Priority Level: Not reported
Operable Unit: BASEWIDE
Primary Responsibility: EPA Fund-Financed
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 FIVE YEAR REVIEW
Date Started: Not reported
Date Completed: 09/30/2010
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.:

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Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

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Federal Register Details:

Fed Register Date: 07/22/1987
Fed Register Volume: 52
Page Number: 27620

Fed Register Date: 10/15/1984
Fed Register Volume: 49
Page Number: 40320

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

CORRACTS:

EPA ID: CA4570024345
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): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: CENTRAL BASE AREA OU
Actual Date: 02/05/1993
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: CENTRAL BASE AREA OU
Actual Date: 02/05/1993
Action: CA350 - CMS Approved
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: CENTRAL BASE AREA OU
Actual Date: 02/05/1993

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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USAF NORTON AFB (Continued)

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Action:	CA200 - RFI Approved
NAICS Code(s):	332813 92811 92811 Electroplating, Plating, Polishing, Anodizing, and Coloring National Security National Security
Original schedule date:	Not reported
Schedule end date:	Not reported
EPA ID:	CA4570024345
EPA Region:	09
Area Name:	CENTRAL BASE AREA OU
Actual Date:	02/05/1993
Action:	CA150 - RFI Workplan Approved
NAICS Code(s):	332813 92811 92811 Electroplating, Plating, Polishing, Anodizing, and Coloring National Security National Security
Original schedule date:	Not reported
Schedule end date:	Not reported
EPA ID:	CA4570024345
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	04/01/1984
Action:	CA049SI
NAICS Code(s):	332813 92811 92811 Electroplating, Plating, Polishing, Anodizing, and Coloring National Security National Security
Original schedule date:	Not reported
Schedule end date:	Not reported
EPA ID:	CA4570024345
EPA Region:	09
Area Name:	CENTRAL BASE AREA OU
Actual Date:	05/01/1992
Action:	CA650 - Stabilization Construction Completed
NAICS Code(s):	332813 92811 92811 Electroplating, Plating, Polishing, Anodizing, and Coloring National Security National Security
Original schedule date:	Not reported
Schedule end date:	Not reported
EPA ID:	CA4570024345
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	05/22/2000
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	332813 92811 92811 Electroplating, Plating, Polishing, Anodizing, and Coloring National Security National Security
Original schedule date:	Not reported
Schedule end date:	Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

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EPA ID: CA4570024345
 EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 05/22/2000
 Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected

NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring
 National Security
 National Security

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

EPA ID: CA4570024345

EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 06/01/1984
 Action: CA049PA

NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring
 National Security
 National Security

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

EPA ID: CA4570024345

EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 06/01/1984
 Action: CA029SF

NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring
 National Security
 National Security

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

EPA ID: CA4570024345

EPA Region: 09
 Area Name: ENTIRE FACILITY
 Actual Date: 06/01/1984
 Action: CA050 - RFA Completed

NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring
 National Security
 National Security

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

EPA ID: CA4570024345

EPA Region: 09
 Area Name: CENTRAL BASE AREA OU
 Actual Date: 06/01/1995
 Action: CA550 - Certification Of Remedy Completion Or Construction Completion

NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

EPA ID: CA4570024345
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/18/1998
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/18/1998
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/18/1998
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/18/1998
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

EPA ID: CA4570024345
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/18/1998
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: CENTRAL BASE AREA OU
Actual Date: 07/13/1989
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 07/13/1989
Action: CA250 - CMS Imposition
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 07/13/1989
Action: CA100 - RFI Imposition
NAICS Code(s): 332813 92811 92811
Electroplating, Plating, Polishing, Anodizing, and Coloring
National Security
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA4570024345
EPA Region: 09

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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USAF NORTON AFB (Continued)

1000417274

Area Name: CENTRAL BASE AREA OU
 Actual Date: 10/07/1994
 Action: CA450 - Corrective Measures Design Approved
 NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring
 National Security
 National Security
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CA4570024345
 EPA Region: 09
 Area Name: CENTRAL BASE AREA OU
 Actual Date: 10/07/1994
 Action: CA500 - CMI Workplan Approved
 NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring
 National Security
 National Security
 Original schedule date: Not reported
 Schedule end date: Not reported

EPA ID: CA4570024345
 EPA Region: 09
 Area Name: CENTRAL BASE AREA OU
 Actual Date: 11/24/1993
 Action: CA400 - Date For Remedy Selection (CM Imposed)
 NAICS Code(s): 332813 92811 92811
 Electroplating, Plating, Polishing, Anodizing, and Coloring
 National Security
 National Security
 Original schedule date: Not reported
 Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 09/01/1996
 Facility name: USAF NORTON AFB
 Facility address: 305 S TIPPECANOE AVE
 SAN BERNARDINO, CA 92408
 EPA ID: CA4570024345
 Mailing address: 63RD CIV ENG SQU/DEEV
 NORTON AFB, CA 92409
 Contact: Not reported
 Contact address: Not reported
 Contact country: Not reported
 Contact telephone: Not reported
 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: MULTIPLE OPS - USAF & DPDO

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Owner/operator address: US DEPT OF AIR FORCE NORTON
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (714) 382-3909
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: US AIR FORCE
Owner/operator address: NORTON AFB
SAN BERNARDINO, CA 92409
Owner/operator country: Not reported
Owner/operator telephone: (714) 382-3909
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
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: 09/01/1996
Facility name: USAF NORTON AFB
Classification: Small Quantity Generator

Date form received by agency: 03/11/1996
Facility name: USAF NORTON AFB
Site name: NORTON AIR FORCE BASE
Classification: Large Quantity Generator

Date form received by agency: 03/28/1994
Facility name: USAF NORTON AFB
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: USAF NORTON AFB
Site name: NORTON AIR FORCE BASE
Classification: Large Quantity Generator

Date form received by agency: 04/17/1990

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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USAF NORTON AFB (Continued)

1000417274

Facility name: USAF NORTON AFB
 Site name: NORTON AIR FORCE BASE
 Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
 Facility name: USAF NORTON AFB
 Classification: Large Quantity Generator

Corrective Action Summary:

Event date:	04/01/1984
Event:	CA049SI
Event date:	06/01/1984
Event:	RFA Completed
Event date:	06/01/1984
Event:	CA049PA
Event date:	06/01/1984
Event:	CA029SF
Event date:	07/13/1989
Event:	RFI Imposition
Event date:	07/13/1989
Event:	CMS Imposition
Event date:	07/13/1989
Event:	Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
Event date:	05/01/1992
Event:	Stabilization Construction Completed
Event date:	02/05/1993
Event:	RFI Approved
Event date:	02/05/1993
Event:	CMS Workplan Approved
Event date:	02/05/1993
Event:	RFI Workplan Approved
Event date:	02/05/1993
Event:	CMS Approved
Event date:	11/24/1993
Event:	Date For Remedy Selection (CM Imposed)
Event date:	10/07/1994
Event:	Corrective Measures Design Approved
Event date:	10/07/1994
Event:	CMI Workplan Approved
Event date:	06/01/1995
Event:	Certification Of Remedy Completion Or Construction Completion

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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: 06/18/1998
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 06/18/1998
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 06/18/1998
Event: Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 06/18/1998
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 06/18/1998
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 05/22/2000
Event: Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 05/22/2000
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Date violation determined: 04/22/2003
Date achieved compliance: 07/27/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 04/22/1993
Date achieved compliance: 01/28/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 04/22/1993
Date achieved compliance: 01/28/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 04/22/1993
Date achieved compliance: 01/28/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 04/22/1993

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Date achieved compliance: 01/28/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 05/15/1992
Date achieved compliance: 06/19/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 05/15/1992
Date achieved compliance: 06/19/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/15/1992
Date achieved compliance: 06/19/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 05/15/1992
Date achieved compliance: 06/19/1992

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Regulation violated: F - 270
 Area of violation: TSD - General
 Date violation determined: 02/27/1991
 Date achieved compliance: 05/16/1991
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 04/12/1991
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Regulation violated: FR - 270
 Area of violation: TSD - General
 Date violation determined: 10/30/1989
 Date achieved compliance: 03/14/1990
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 12/11/1989
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Regulation violated: FR - 270
 Area of violation: TSD - General
 Date violation determined: 07/26/1988
 Date achieved compliance: 10/30/1989
 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: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Regulation violated: FR - 264.110-120.G
 Area of violation: TSD - Closure/Post-Closure
 Date violation determined: 08/20/1987
 Date achieved compliance: 07/26/1988
 Violation lead agency: EPA

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.90-94.F
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 08/20/1987
Date achieved compliance: 07/26/1988
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: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 08/20/1987
Date achieved compliance: 07/26/1988
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: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 06/23/1987
Date achieved compliance: 08/06/1987
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 06/23/1987
Date achieved compliance: 08/06/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Enforcement action date: 08/06/1987
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Evaluation Action Summary:

Evaluation date: 06/19/2008
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 04/11/2007
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 04/25/2006
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 06/22/2005
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 04/22/2003
 Evaluation: GROUNDWATER MONITORING EVALUATION
 Area of violation: TSD IS-Ground-Water Monitoring
 Date achieved compliance: 07/27/2005
 Evaluation lead agency: State

Evaluation date: 01/26/1994
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 03/08/1993
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 01/28/1994
 Evaluation lead agency: State

Evaluation date: 03/08/1993
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 01/28/1994
 Evaluation lead agency: State

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Evaluation date: 03/30/1992
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 06/19/1992
 Evaluation lead agency: State

Evaluation date: 03/30/1992
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 06/19/1992
 Evaluation lead agency: State

Evaluation date: 02/27/1991
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 05/16/1991
 Evaluation lead agency: State

Evaluation date: 10/30/1989
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 03/14/1990
 Evaluation lead agency: State

Evaluation date: 07/26/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 10/30/1989
 Evaluation lead agency: EPA

Evaluation date: 08/20/1987
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - Closure/Post-Closure
 Date achieved compliance: 07/26/1988
 Evaluation lead agency: EPA

Evaluation date: 08/20/1987
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - General
 Date achieved compliance: 07/26/1988
 Evaluation lead agency: EPA

Evaluation date: 08/20/1987
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD IS-Ground-Water Monitoring
 Date achieved compliance: 07/26/1988
 Evaluation lead agency: EPA

Evaluation date: 07/30/1987
 Evaluation: FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 07/30/1987
 Evaluation: FINANCIAL RECORD REVIEW
 Area of violation: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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USAF NORTON AFB (Continued)

1000417274

Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/23/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/23/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - General
Date achieved compliance: 08/06/1987
Evaluation lead agency: State

US ENG CONTROLS:

EPA ID: CA4570024345
Site ID: 0902760
Name: NORTON AIR FORCE BASE (LNDFL #2)
Address: I-10/US 395 FORMER NORTON AFB
SAN BERNARDINO, CA 92408

EPA Region: 09
County: SAN BERNARDINO
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Air Stripping

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Alternate Drinking Water, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Pump And Treat

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: ReInjection

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Carbon Adsorption

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Soil

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Engineering Control: Soil Vapor Extraction (ex-situ)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 19931124
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20050929
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20050929
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 20050929
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: No Further Action

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19970625
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: No Further Action

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 19970625
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: No Further Action

US INST CONTROL:

EPA ID: CA4570024345
Site ID: 0902760
Name: NORTON AIR FORCE BASE (LNDFL #2)
Action Name: RECORD OF DECISION
Address: I-10/US 395 FORMER NORTON AFB
 SAN BERNARDINO, CA 92408

EPA Region: 09
County: SAN BERNARDINO
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

NORTON AFB, CA 92409
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: US DOD
Contact title: Not reported
Contact name: DIENZO EDMUND M
Contact tel: (714)382-2444
Contact extension: Not reported
Mailing address: 63 CES DEV
NORTON AFB, CA 92409
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 6/22/1990
Date received: 7/11/1990

FINDS:

Registry ID: 110000830815

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.

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

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

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.

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

USAF NORTON AFB (Continued)

1000417274

NY MANIFEST:

EPA ID: CA4570024345
Country: USA
Mailing Name: UNITED STATES MILITARY - D.P.D.O.
Mailing Contact: UNITED STATES MILITARY - D.P.D.O.
Mailing Address: BUILDING 948
Mailing Address 2: Not reported
Mailing City: NORTON AIR FORCE BASE
Mailing State: CA
Mailing Zip: 92405
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 714-382-6501

Document ID: NYA2651931
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: 54068
Trans2 State ID: AMOX23602
Generator Ship Date: 850425
Trans1 Recv Date: 850425
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850606
Part A Recv Date: 850515
Part B Recv Date: 850703
Generator EPA ID: CA4570024345
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDf ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 06880
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 085
Year: 85

Document ID: NYA2704788
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: 54068
Trans2 State ID: ACFX88990
Generator Ship Date: 850306
Trans1 Recv Date: 850306
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850425
Part A Recv Date: 850515
Part B Recv Date: 850524
Generator EPA ID: CA4570024345
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDf ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 46300
Units: P - Pounds
Number of Containers: 001

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
	USAF NORTON AFB (Continued)		1000417274
	Container Type: TT - Cargo tank, tank trucks		
	Handling Method: B Incineration, heat recovery, burning.		
	Specific Gravity: 089		
	Year: 85		
DOD Region	NORTON AIR FORCE BASE (CLOSED)	DOD	CUSA143166
	NORTON AIR FORCE BASE (CL (County), CA)		N/A
	DOD:		
	Feature 1: Air Force DOD		
	Feature 2: Not reported		
	Feature 3: Not reported		
	URL: Not reported		
	Name 1: Norton Air Force Base (Closed)		
	Name 2: Not reported		
	Name 3: Not reported		
	State: CA		
	DOD Site: Yes		
	Tile name: CASAN_BERNARDINO		
1	NORTH SAN BERNARDINO AREA BUNKER HILL GROUND WATER BASIN SAN BERNARDINO, CA 92401	CA HIST Cal-Sites CA BOND EXP. PLAN CA Cortese CA HIST CORTESE CA ENVIROSTOR	S100833383 N/A
	Calsite:		
	Facility ID: 36990002		
	Region: 4		
	Region Name: CYPRESS		
	Branch: SB		
	Branch Name: SO CAL - CYPRESS		
	File Name: Not reported		
	State Senate District: 04221996		
	Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE		
	Status Name: ANNUAL WORKPLAN - ACTIVE SITE		
	Lead Agency: EPA		
	Lead Agency: ENVIRONMENTAL PROTECTION AGENCY		
	Facility Type: NPJF		
	Type Name: NPL SITE, JOINT STATE/FEDERAL-FUNDED		
	NPL: Listed		
	SIC Code: 99		
	SIC Name: NONCLASSIFIABLE ESTABLISHMENTS		
	Access: Not reported		
	Cortese: Not reported		
	Hazardous Ranking Score: Not reported		
	Date Site Hazard Ranked: Not reported		
	Groundwater Contamination: Confirmed		
	Staff Member Responsible for Site: YAREF		
	Supervisor Responsible for Site: Not reported		
	Region Water Control Board: Not reported		
	Region Water Control Board Name: Not reported		
	Lat/Long Direction: Not reported		
	Lat/Long (dms): 0 0 0 / 0 0 0		
	Lat/long Method: Not reported		

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Lat/Long Description: Not reported
 State Assembly District Code: 63
 State Senate District Code: 31
 Facility ID: 36990002
 Activity: ORDER
 Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
 AWP Code: ISE
 Proposed Budget: 0
 AWP Completion Date: Not reported
 Revised Due Date: Not reported
 Comments Date: 11301986
 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: 36990002
 Activity: PPP
 Activity Name: PUBLIC PARTICIPATION PLAN
 AWP Code: Not reported
 Proposed Budget: 0
 AWP Completion Date: Not reported
 Revised Due Date: Not reported
 Comments Date: 11301987
 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: 36990002
 Activity: RA
 Activity Name: REMOVAL ACTION
 AWP Code: NWMRK
 Proposed Budget: 0
 AWP Completion Date: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Revised Due Date:	Not reported
Comments Date:	06301988
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:	36990002
Activity:	RIFS
Activity Name:	REMEDIATION INVESTIGATION / FEASIBILITY STUDY
AWP Code:	MO-U
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03121993
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:	36990002
Activity:	RIFS
Activity Name:	REMEDIATION INVESTIGATION / FEASIBILITY STUDY
AWP Code:	OU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03121993
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

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

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:	36990002
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	N-OU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08041993
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:	36990002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	M-OU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12021994
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

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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NORTH SAN BERNARDINO AREA (Continued)

S100833383

Facility ID:	36990002
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	M-OU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03211995
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:	36990002
Activity:	DES
Activity Name:	DESIGN
AWP Code:	M-OU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09302003
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:	36990002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	S-OU
Proposed Budget:	0
AWP Completion Date:	06302005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

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:	36990002
Activity:	DES
Activity Name:	DESIGN
AWP Code:	N-OU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301998
Est Person-Yrs to complete:	0
Estimated Size:	X
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:	36990002
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	M-OU
Proposed Budget:	0
AWP Completion Date:	12312005
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

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

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: 36990002
 Activity: RMDL
 Activity Name: REMEDIAL ACTION (RAP REQUIRED)
 AWP Code: N-OU
 Proposed Budget: 0
 AWP Completion Date: Not reported
 Revised Due Date: Not reported
 Comments Date: 10281998
 Est Person-Yrs to complete: 0
 Estimated Size: X
 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: Not reported
 For Commercial Reuse: 0
 For Industrial Reuse: 0
 For Residential Reuse: 0
 Unknown Type: 0
 Facility ID: 36990002
 Activity: OM
 Activity Name: OPERATION & MAINTENANCE
 AWP Code: Not reported
 Proposed Budget: 0
 AWP Completion Date: 12312049
 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: 36990002
 Activity: CERT
 Activity Name: CERTIFICATION

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

AWP Code: Not reported
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
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: 36990002
Activity: ROD
Activity Name: RECORD OF DECISION
AWP Code: S-OU
Proposed Budget: 0
AWP Completion Date: 12312005
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: 36990002
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: S-OU
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

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

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: 36990002
 Activity: ORDER
 Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
 AWP Code: CD
 Proposed Budget: 0
 AWP Completion Date: 06302005
 Revised Due Date: Not reported
 Comments Date: 03232005
 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
 Alternate Address: MUSCOY AREA N. OF SAN BERNARDINO
 Alternate City,St,Zip: SAN BERNARDINO, CA 92401
 Alternate Address: BUNKER HILL GROUND WATER BASIN
 Alternate City,St,Zip: SAN BERNARDINO, CA 92408

Background Info: This site is part of the North San Bernardino Area groundwater site. It encompasses four municipal wells known as the Newmark Well Field. The site was listed on the NPL in March, 1989. The site consists of approximately 700 square feet in the Bunker Hill Groundwater Basin. The San Bernardino Municipal Water Department was forced to close the four wells in the early 1980s, when they were found to be contaminated with high levels of halogenated organic chemicals including tetrachloroethylene (PCE) and trichloroethylene (TCE). There are levels of TCE and PCE in the four domestic water wells above the State health based action levels for drinking water at this site. TCE was a degreaser used in large quantities for commercial, industrial, and aerospace applications in the area. PCE is a similar degreaser and is commonly used as a cleaning compound in the dry cleaning industry. Groundwater in the well field is of high natural quality. Four domestic supply wells have been closed. There is evidence that

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

suggests that the contamination is moving in the direction of other well fields serving the majority of the population of the cities of San Bernardino and Riverside. The population served by wells potentially affected by the contamination is at least 200,000. In November, 1986, DHS found the Bunker Hill Basin, including the Newmark Well Field, to constitute an imminent and substantial endangerment to public health and the environment. However, there is no known current exposure above the drinking water standards.

In October, 1986, DHS entered into a contract with the City of San Bernardino to conduct initial remedial actions. These actions included design, construction and installation of airstripping towers (using carbon vapor units to control exhaust emissions) for the Newmark well field. These actions were part of work conducted for the State's North San Bernardino Superfund Site. The treatment system has been in operation since June, 1988, and it replaced the total capacity of the four municipal wells. The system can treat up to 8.6 million gallons per day.

DTSC and U.S. EPA entered into a Superfund agreement to clean up the Newmark Operable Unit.

The Newmark OU groundwater treatment system is operational. This treatment system integrates into and replaces the State funded treatment system installed in 1988. Groundwater extraction wells have been installed at the leading edge of the Newmark contamination plume. Air stripping towers at the Waterman and at the 48th Street treatment plants have been replaced with Granular Activated Carbon (GAC) treatment units. Total groundwater treatment capacity for the Newmark OU is 41.6 million gallons per day.

Not reported

Additional carbon units will be added to the Newmark OU Treatment system to handle additional contaminated water from the Muscoy OU plume. Extraction wells and a pipeline are currently in the design phase.

Comments Date: 01311989
 Comments: This is the date the site was first listed pursuant to
 Comments Date: 01311989
 Comments: section 25356.
 Comments Date: 03211995
 Comments: DTSC reviewed the draft ROD for the Newmark Groundwater Muscoy
 Comments Date: 03211995
 Comments: Plume OU and concurs with US EPA's selected remedy of extraction
 Comments Date: 03211995
 Comments: and treatment of contaminated using granular activated carbon
 Comments Date: 03211995
 Comments: carbon treatment technology and distribution of the treated
 Comments Date: 03211995
 Comments: water to a public water supply agency (and/or reinjection into
 Comments Date: 03211995
 Comments: the aquifer).
 Comments Date: 03232005
 Comments: A Consent Decree for the Newmark and Muscoy operable units was
 Comments Date: 03232005
 Comments: signed by a judge. The City of San Bernardino will perform the
 Comments Date: 03232005
 Comments: work described in the Statement of Work.
 Comments Date: 06202000

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Comments: Workplan for the Initial Site Investigation, San Bernardino
Comments Date: 06202000
Comments: Engineer Depot-Camp Ono Initial WWII Operational Areas Report,
Comments Date: 06202000
Comments: and Workplan for Proposed Groundwater Monitoring Wells for the
Comments Date: 06202000
Comments: Muscoy Investigation Area submitted. Soil Gas Survey started
Comments Date: 06202000
Comments: at the Source Operable Unit in March 2000. Public meeting held
Comments Date: 06202000
Comments: in San Bernardino to address community concerns on Muscoy Well
Comments Date: 06202000
Comments: locations in June 2000. Settlement conference held in San
Comments Date: 06202000
Comments: Bernardino with City, County, USEPA, Army and Department of
Comments Date: 06202000
Comments: Justice representatives to negotiate reimbursement of past costs
Comments Date: 06202000
Comments: on June 15, 2000.
Comments Date: 06301988
Comments: Removal Action (NWMRK): Air Stripping Towers at Newmark came
Comments Date: 06301988
Comments: on line.
Comments Date: 06301998
Comments: Completed Design for treatment of chlorinated VOC's for the
Comments Date: 06301998
Comments: Newmark Operable Unit located in the Bunker Hill Groundwater
Comments Date: 06301998
Comments: Basin. Two treatment plants will treat 17 million gallons of
Comments Date: 06301998
Comments: groundwater per day.
Comments Date: 07202001
Comments: Draft final Soil Gas Survey submitted to the Department for
Comments Date: 07202001
Comments: the Source OU. Comments sent to Army Corps of Engineers.
Comments Date: 07251991
Comments: Groundwater contaminated with PCE and TCE.
Comments Date: 08041993
Comments: ROD for the Newmark Operable Unit completed.
Comments Date: 08301990
Comments: DTSC and the City of San Bernardino entered into an agreement on
Comments Date: 08301990
Comments: 10/31/1986, amended on 04/22/1988, to construct three treatment
Comments Date: 08301990
Comments: systems: Waterman, Newmark and 17th & Sierra. The completion
Comments Date: 08301990
Comments: date of the removal action is 08/30/1990 when all three systems
Comments Date: 08301990
Comments: were online. The Waterman and 17th & Sierra systems are
Comments Date: 08301990
Comments: described in the North San Bernardino Site (ID# 36990001).
Comments Date: 09131995
Comments: DTSC entered into an agreement with U.S. EPA to clean up the
Comments Date: 10031996
Comments: On 08/26/1996 DTSC signed a State-Superfund contract with
Comments Date: 10031996
Comments: U.S. EPA for the Muscoy OU of the Newmark NPL site.

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Comments Date: 10281998
 Comments: Start-up and operation of a 17 milion gallon per day groundwater
 Comments Date: 10281998
 Comments: treatment remediation system for the Newmark Operable Unit.
 Comments Date: 10301997
 Comments: DTSC reviewed and commented on the 100% design submittal for
 Comments Date: 10301997
 Comments: the Newmark OU.
 Comments Date: 09131995
 Comments: Newmark Operable Unit.
 Comments Date: 09302003
 Comments: The remedial design for the Muscoy Operable Unit was completed.
 ID Name: CALSTARS CODE
 ID Value: 400259-66
 ID Name: BEP DATABASE PCODE
 ID Value: P43058
 Alternate Name: NEWMARK GROUNDWATER CONTAMINATIONNEWMARK WELLFIELD
 Special Programs Code: MSCA
 Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

CA BOND EXP. PLAN:

Reponsible Party: DETAILED SITE EXPENDITURE PLAN
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported
 Project Revenue Source Desc: Currently there are no identifiable responsible parties. Therefore, Bond funds will be used to investigate and remediate the site. If during the investigation RPs are identified, DHS will pursue appropriate cost recovery actions. In May, 1987, DHS reevaluated the MITRE model hazard ranking score for the site and based on the revised score submitted the package to EPA for possible inclusion of the site on the NPL. EPA has listed one of the well fields (Newmark) in the North San Bernardino Area as a potential NPL site. For more information on the Newmark site, refer to the NPL listings in this Plan.

Site Description: This site is an area of ground water contamination and consists of approximately 15 square miles in the Bunker Hill Ground Water Basin in San Bernardino County. The site includes areas within the following zip codes: 92401, 92404, 92405, 92407, and 92411. In the past four years, the San Bernardino Municipal Water District has removed fourteen domestic supply wells from production because of trichloroethylene (TCE) and tetrachloroethene (PCE) contamination.

Hazardous Waste Desc: There are levels of TCE and PCE in domestic water wells above the State health-based action level for drinking water at this site. TCE was a degreaser used in large quantities for commercial, industrial and aerospace applications in the area. PCE isa similar degreaser and dry cleaning compound that was also commonly used by local businesses.

Threat To Public Health & Env: Ground water in the Bunker Hill Basin is of high natural quality. Fourteen domestic supply wells have been closed. There is evidence that suggests that the contamination is moving in the direction of well fields serving the majority of the population of the Cities of San Bernardino and Riverside. The population served by wells potentially affected by the contamination is at least 200,000. In November, 1986, DHS found the area to constitute an imminent and substantial endangerment to public health and the environment. There is no known current exposure above the drinking water standards.

Site Activity Status: An interagency group consisting of the City of San Bernardino Municipal Water District, the RWQCB (the Santa Ana region), the San Bernardino County Department of Health Services, and DHS (Public Water Supply Branch and TSCD) are coordinating an effort for characterizing and mitigating the contamination.

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Field site characterization activities were initiated in November, 1987. In October, 1986, DHS entered into a contract with the City of San Bernardino for initial remedial measures. These measures included the design, construction and installation of airstripping towers (with carbon vapor units to control exhaust emissions) in two locations and a carbon filtration water treatment system in one location. The treatment system will replace the full capacity of the City's water supply. The first airstripping tower system has been in operation since June, 1988. Construction of the second set of towers was started shortly thereafter.

CORTESE:

Region: CORTESE
 Envirostor Id: 36990002
 Site/Facility Type: FEDERAL SUPERFUND - LISTED
 Cleanup Status: ACTIVE
 Status Date: 04/22/1996
 Site Code: 400259
 Latitude: 34.182099
 Longitude: -117.3454
 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 Unit Name: Not reported

CORTESE:

Region: CORTESE
 Facility County Code: 36
 Reg By: CALSI
 Reg Id: 36950002

Region: CORTESE
 Facility County Code: 36
 Reg By: CALSI
 Reg Id: 36990001

Region: CORTESE
 Facility County Code: 36
 Reg By: CALSI
 Reg Id: 36990002

ENVIROSTOR:

Site Type: Federal Superfund
 Site Type Detailed: State Response or NPL
 Acres: 6000
 NPL: YES
 Regulatory Agencies: US EPA
 Lead Agency: US EPA
 Program Manager: Stephen Niou
 Supervisor: Robert Senga

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Division Branch: Cleanup Cypress
 Facility ID: 36990002
 Site Code: 400259
 Assembly: 63
 Senate: 31
 Special Program: EPA - Multi-Site Cooperative Agreement
 Status: Active
 Status Date: 04/22/1996
 Restricted Use: NO
 Site Mgmt. Req.: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 34.1821
 Longitude: -117.3454
 APN: NONE SPECIFIED
 Past Use: LAUNDRY SERVICES, PRISON, RESEARCH - WEAPONS
 Potential COC: 30022, 30027
 Confirmed COC: 30022,30027
 Potential Description: AQU1
 Alias Name: NEWMARK WELLFIELD
 Alias Type: Alternate Name
 Alias Name: 110009268283
 Alias Type: EPA (FRS #)
 Alias Name: P43058
 Alias Type: PCode
 Alias Name: 400259
 Alias Type: Project Code (Site Code)
 Alias Name: 36990002
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Newmark
 Completed Sub Area Name: Not reported
 Completed Document Type: Design/Implementation Workplan
 Completed Date: 09/30/2002
 Comments: The remedial design for the Muscoy Operable Unit was completed.

Completed Area Name: Muscoy
 Completed Sub Area Name: Not reported
 Completed Document Type: Record of Decision - Amendment
 Completed Date: 03/21/1995
 Comments: DTSC reviewed the draft ROD for the Newmark Groundwater Muscoy Plume OU and concurs with US EPA's selected remedy of extraction and treatment of contaminated using granular activated carbon carbon treatment technology and distribution of the treated water to a public water supply agency (and/or reinjection into the aquifer).

Completed Area Name: Muscoy
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation / Feasibility Study
 Completed Date: 12/02/1994
 Comments: Not reported

Completed Area Name: Newmark
 Completed Sub Area Name: Not reported
 Completed Document Type: Record of Decision - Amendment
 Completed Date: 08/04/1993
 Comments: ROD for the Newmark Operable Unit completed.

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Completed Area Name: Newmark
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 03/12/1993
Comments: Not reported

Completed Area Name: Newmark
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 03/12/1993
Comments: Not reported

Completed Area Name: Muscoy
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/11/2007
Comments: Not reported

Completed Area Name: Muscoy
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 10/12/2007
Comments: This report was approved by the DTSC.

Completed Area Name: Muscoy
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/12/2007
Comments: Final report was approved by DTSC.

Completed Area Name: Muscoy
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2007
Comments: The Operational and Functional Determination is completed and approved by DTSC.

Completed Area Name: Muscoy
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2007
Comments: This is a construction report and was reviewed. No comments are needed.

Completed Area Name: Muscoy
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/29/2009
Comments: OSAP accepted

Completed Area Name: Muscoy
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/29/2009
Comments: QAPP accepted

Completed Area Name: Muscoy

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Completed Sub Area Name: Not reported
 Completed Document Type: Operations and Maintenance Plan
 Completed Date: 09/24/2008
 Comments: DTSC concurs with the baseline mitigation plan

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Operations and Maintenance Report
 Completed Date: 10/31/2007
 Comments: DTSC has reviewed this document and has no comments.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: 5 Year Review Reports
 Completed Date: 10/30/2008
 Comments: DTSC concurs with the findings in this 5 year review report

Completed Area Name: Muscoy
 Completed Sub Area Name: Not reported
 Completed Document Type: Correspondence - Received
 Completed Date: 09/30/2009
 Comments: For Muscoy interim remedy.

Completed Area Name: Newmark
 Completed Sub Area Name: Not reported
 Completed Document Type: Correspondence - Received
 Completed Date: 08/02/2010
 Comments: For Newmark Operable Unit.

Completed Area Name: Newmark
 Completed Sub Area Name: Not reported
 Completed Document Type: Operations and Maintenance Plan
 Completed Date: 12/29/2009
 Comments: Workplan for the Initial Site Investigation, San Bernardino Engineer Depot-Camp Ono Initial WWII Operational Areas Report, and Workplan for Proposed Groundwater Monitoring Wells for the Muscoy Investigation Area submitted. Soil Gas Survey started at the Source Operable Unit in March 2000. Public meeting held in San Bernardino to address community concerns on Muscoy Well locations in June 2000. Settlement conference held in San Bernardino with City, County, USEPA, Army and Department of Justice representatives to negotiate reimbursement of past costs on June 15, 2000.

Completed Area Name: Newmark
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Action Completion Report
 Completed Date: 09/25/2004
 Comments: Start-up and operation of a 17 milion gallon per day groundwater treatment remediation system for the Newmark Operable Unit.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: * Cost Recovery Settlements/Decrees
 Completed Date: 08/05/2004
 Comments: Not reported

Completed Area Name: PROJECT WIDE

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

NORTH SAN BERNARDINO AREA (Continued)

S100833383

Completed Sub Area Name: Not reported
 Completed Document Type: Site Inspections/Visit (Non LUR)
 Completed Date: 03/24/2010
 Comments: Not reported

Future Area Name: Source
 Future Sub Area Name: Not reported
 Future Document Type: Remedial Investigation Report
 Future Due Date: 2013
 Future Area Name: Newmark
 Future Sub Area Name: Not reported
 Future Document Type: Certification
 Future Due Date: 2013
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Land Use Restriction - Amendment
 Future Due Date: 2012
 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

**2 LUCKY FARMS INC
26114 SAN BERNARDINO AVE
REDLANDS, CA 92408**

**CA San Bern. Co. Permit S102681105
N/A**

San Bern. Co. Permit:
 Region: SAN BERNARDINO
 Facility ID: FA0000552
 Owner: LUCKY FARMS INC
 Permit Number: PT0006934
 Permit Category: HAZMAT HANDLER - AGRICULTURAL(FE)
 Facility Status: INACTIVE
 Expiration Date: 1994-10-31 00:00:00

**2 WEBER DISTRIBUTION LLC
2301 W SAN BERNARDINO AVE
REDLANDS, CA 92374**

**CA San Bern. Co. Permit S106544687
N/A**

San Bern. Co. Permit:
 Region: SAN BERNARDINO
 Facility ID: FA0008956
 Owner: WEBER DISTRIBUTION
 Permit Number: PT0015043
 Permit Category: APSA 1,320-10,000 GAL FAC CAPACITY
 Facility Status: ACTIVE
 Expiration Date: 2012-08-31 00:00:00

Region: SAN BERNARDINO
 Facility ID: FA0008956
 Owner: WEBER DISTRIBUTION
 Permit Number: PT0015042
 Permit Category: HAZMAT HANDLER 26-50 EMPLOYEES
 Facility Status: ACTIVE
 Expiration Date: 2012-08-31 00:00:00

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
2	<p>SALTON, INC 2301 W. SAN BERNARDINO AVE. REDLANDS, CA 92374</p> <p>AST: Owner: SALTON, INC Total Gallons: 1,650 Certified Unified Program Agencies: San Bernardino</p>	CA AST	A100346051 N/A
3	<p>SCE MOUNTAINVIEW GENERATING STATION 2492 W. SAN BERNARDINO AVE REDLANDS, CA 92374</p> <p>RCRA-LQG: Date form received by agency: 12/07/2010 Facility name: SCE MOUNTAINVIEW GENERATING STATION Facility address: 2492 W. SAN BERNARDINO AVE REDLANDS, CA 92374 EPA ID: CAR000170514 Mailing address: PO BOX 800 ATTN SARA DUVALL ROSEMEAD, CA 91770 Contact: SARA M DUVALL Contact address: PO BOX 800 ROSEMEAD, CA 91770 Contact country: US Contact telephone: 626-302-4781 Contact email: SARA.DUVALL@SCE.COM EPA Region: 09 Classification: Large Quantity Generator Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time</p> <p>Owner/Operator Summary: Owner/operator name: SOUTHERN CALIFORNIA EDISON Owner/operator address: Not reported Not reported Owner/operator country: US Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 07/01/2009 Owner/Op end date: Not reported</p> <p>Owner/operator name: SOUTHERN CALIFORNIA EDISON Owner/operator address: PO BOX 800 ROSEMEAD, CA 91770 Owner/operator country: US Owner/operator telephone: 626-302-1212</p>	RCRA-LQG	1009216647 CAR000170514

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SCE MOUNTAINVIEW GENERATING STATION (Continued)

1009216647

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/2009
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: 03/08/2010
Facility name: SCE MOUNTAINVIEW GENERATING STATION
Site name: MOUNTAINVIEW POWER COMPANY LLC
Classification: Large Quantity Generator

Date form received by agency: 08/10/2009
Facility name: SCE MOUNTAINVIEW GENERATING STATION
Site name: MOUNTAINVIEW GENERATING STATION
Classification: Large Quantity Generator

Date form received by agency: 06/30/2009
Facility name: SCE MOUNTAINVIEW GENERATING STATION
Site name: MOUNTAINVIEW GENERATING STATION
Classification: Large Quantity Generator

Date form received by agency: 01/18/2006
Facility name: SCE MOUNTAINVIEW GENERATING STATION
Site name: MOUNTAINVIEW POWER COMPANY LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: 141
Waste name: 141

Waste code: 221
Waste name: 221

Waste code: 223
Waste name: 223

Waste code: 352
Waste name: 352

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SCE MOUNTAINVIEW GENERATING STATION (Continued)

1009216647

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

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:

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

Amount (Lbs): 10437.2

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 2085

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 91022.4

Waste code: D008
Waste name: LEAD

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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SCE MOUNTAINVIEW GENERATING STATION (Continued)

1009216647

Amount (Lbs): 26034
Waste code: D018
Waste name: BENZENE
Amount (Lbs): 7606.2

Violation Status: No violations found

**3 MOUNTAINVIEW GENERATING STATION
2492 W SAN BERNARDINO AVE
REDLANDS, CA 92374**

**CA AST S107030279
CA San Bern. Co. Permit N/A**

AST:

Owner: MOUNTAINVIEW POWER CO LLC
Total Gallons: 35,800
Certified Unified Program Agencies: San Bernardino

San Bern. Co. Permit:

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0011671
Permit Category: UST OWNERSHIP/OPERATING PERMIT (PER UST)
Facility Status: INACTIVE
Expiration Date: 2007-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0011672
Permit Category: UST OWNERSHIP/OPERATING PERMIT (PER UST)
Facility Status: INACTIVE
Expiration Date: 2007-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0011673
Permit Category: UST OWNERSHIP/OPERATING PERMIT (PER UST)
Facility Status: INACTIVE
Expiration Date: 2007-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0011674
Permit Category: UST OWNERSHIP/OPERATING PERMIT (PER UST)
Facility Status: INACTIVE
Expiration Date: 2006-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0011675
Permit Category: UST OWNERSHIP/OPERATING PERMIT (PER UST)
Facility Status: INACTIVE
Expiration Date: 2006-09-30 00:00:00

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

MOUNTAINVIEW GENERATING STATION (Continued)

S107030279

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0002471
Permit Category: HAZMAT HANDLER 26-50 EMPLOYEES (W/GEN PRMT)
Facility Status: ACTIVE
Expiration Date: 2012-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0002472
Permit Category: GENERATOR - 26-50 EMPLOYEES
Facility Status: ACTIVE
Expiration Date: 2012-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0020133
Permit Category: APSA 10,001-100,000 GAL FAC CAPACITY
Facility Status: ACTIVE
Expiration Date: 2012-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0017095
Permit Category: RISK MANAGEMENT PLAN - LEVEL I
Facility Status: ACTIVE
Expiration Date: 2012-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0017096
Permit Category: EPCRA FACILITY
Facility Status: ACTIVE
Expiration Date: 2012-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004885
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0002470
Permit Category: CALARP FACILITY PERMIT
Facility Status: ACTIVE
Expiration Date: 2012-09-30 00:00:00

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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3	MOUNTAINVIEW POWER COMPANY LLC 25770 SAN BERNARDINO BLVD. SAN BERNARDINO, CA 92408	RCRA-LQG CA HAZNET CA EMI	1007200388 CAL000181153
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RCRA-LQG:

Date form received by agency: 03/01/2002
 Facility name: MOUNTAINVIEW POWER COMPANY LLC
 Facility address: 25770 SAN BERNARDINO BLVD.
 SAN BERNARDINO, CA 92408
 EPA ID: CAL000181153
 Contact: GLENN THOMAS
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: (909) 478-7942
 Contact email: GLENN.THOMAS@AES.COM
 EPA Region: 09
 Classification: Large Quantity Generator
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

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

Hazardous Waste Summary:

Waste code: 151
 Waste name: 151
 Waste code: 181
 Waste name: 181
 Waste code: 221
 Waste name: 221

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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MOUNTAINVIEW POWER COMPANY LLC (Continued)

1007200388

Waste code: 223
Waste name: 223

Waste code: 352
Waste name: 352

Waste code: D004
Waste name: ARSENIC

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

HAZNET:

Year: 2010
Gepaid: CAR000170514
Contact: STAN MARSH SENIOR ENVIRON SPEC
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip: ROSEMEAD, CA 917700000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.22935
Facility County: San Bernardino

Year: 2010
Gepaid: CAR000170514
Contact: STAN MARSH SENIOR ENVIRON SPEC
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip: ROSEMEAD, CA 917700000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 1
Facility County: San Bernardino

Year: 2010
Gepaid: CAR000170514
Contact: STAN MARSH SENIOR ENVIRON SPEC
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip: ROSEMEAD, CA 917700000
Gen County: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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MOUNTAINVIEW POWER COMPANY LLC (Continued)

1007200388

TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	1.881
Facility County:	San Bernardino
Year:	2010
Gepaid:	CAR000170514
Contact:	STAN MARSH SENIOR ENVIRON SPEC
Telephone:	6263029711
Mailing Name:	Not reported
Mailing Address:	PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip:	ROSEMEAD, CA 917700000
Gen County:	Not reported
TSD EPA ID:	CAD008488025
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	2.502
Facility County:	San Bernardino
Year:	2010
Gepaid:	CAR000170514
Contact:	STAN MARSH SENIOR ENVIRON SPEC
Telephone:	6263029711
Mailing Name:	Not reported
Mailing Address:	PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip:	ROSEMEAD, CA 917700000
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	METALS RECOVERY INCLUDING RETORING, SMELTING, CHEMICALS, ECT
Tons:	0.8
Facility County:	San Bernardino

[Click this hyperlink](#) while viewing on your computer to access 62 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	2005
County Code:	36
Air Basin:	SC
Facility ID:	121737
Air District Name:	SC
SIC Code:	4911
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:	.0126
Reactive Organic Gases Tons/Yr:	.01054242
Carbon Monoxide Emissions Tons/Yr:	.0342
NOX - Oxides of Nitrogen Tons/Yr:	.15
SOX - Oxides of Sulphur Tons/Yr:	.00237
Particulate Matter Tons/Yr:	.0112

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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MOUNTAINVIEW POWER COMPANY LLC (Continued)

1007200388

Part. Matter 10 Micrometers & Smlr Tons/Yr: .0109312

Year: 2006
 County Code: 36
 Air Basin: SC
 Facility ID: 121737
 Air District Name: SC
 SIC Code: 4911
 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: 395.8689289144939782
 Reactive Organic Gases Tons/Yr: 36.194
 Carbon Monoxide Emissions Tons/Yr: 32.309
 NOX - Oxides of Nitrogen Tons/Yr: 140.91
 SOX - Oxides of Sulphur Tons/Yr: 14.598
 Particulate Matter Tons/Yr: 114.517
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 113.829964

Year: 2007
 County Code: 36
 Air Basin: SC
 Facility ID: 121737
 Air District Name: SC
 SIC Code: 4911
 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: 395.8689289144939782
 Reactive Organic Gases Tons/Yr: 36.194
 Carbon Monoxide Emissions Tons/Yr: 32.309
 NOX - Oxides of Nitrogen Tons/Yr: 140.91
 SOX - Oxides of Sulphur Tons/Yr: 14.598
 Particulate Matter Tons/Yr: 114.517
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 113.829964

Year: 2007
 County Code: 36
 Air Basin: SC
 Facility ID: 121737
 Air District Name: SC
 SIC Code: 4911
 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: 653.5369492371170580
 Reactive Organic Gases Tons/Yr: 59.76
 Carbon Monoxide Emissions Tons/Yr: 33.63
 NOX - Oxides of Nitrogen Tons/Yr: 115.71
 SOX - Oxides of Sulphur Tons/Yr: 16.89574035
 Particulate Matter Tons/Yr: 132.57
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 131.7747

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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4	MOUNTAINVIEW POWER CO LLC 25770 SAN BERNARDINO AVE SAN BERNARDINO, CA 92408	CA WDS CA UST	U003784798 N/A
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CA WDS:

Facility ID: Santa Ana River 36I016116
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 8
 Facility Telephone: 9094787900
 Facility Contact: THOMAS GLENN
 Agency Name: MOUNTAINVIEW POWER CO. LLC
 Agency Address: 2492 WEST SAN BERNARDINO AVE
 Agency City,St,Zip: SAN BERNARDINO 92374
 Agency Contact: RUSS KOELSCH
 Agency Telephone: 9094781750
 Agency Type: Private
 SIC Code: 0
 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.

UST:

Facility ID: 14718
 Latitude: 34.07755
 Longitude: -117.24226

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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4	SO CAL EDISON CO 25770 SAN BERNARDINO AV SAN BERNARDINO, CA 92408	CA FID UST CA SWEEPS UST CA EMI	S101619519 N/A
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CA FID UST:

Facility ID: 36003593
 Regulated By: UTNKA
 Regulated ID: 00022173
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: P O BOX
 Mailing Address 2: Not reported
 Mailing City,St,Zip: SAN BERNARDINO 92408
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: A
 Comp Number: 22173
 Number: 9
 Board Of Equalization: 44-013675
 Ref Date: 09-11-91
 Act Date: 09-11-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 75
 Swrcb Tank Id: 36-000-022173-000004
 Actv Date: 06-28-88
 Capacity: 100
 Tank Use: UNKNOWN
 Stg: P
 Content: Not reported
 Number Of Tanks: Not reported

Status: A
 Comp Number: 22173
 Number: 9
 Board Of Equalization: 44-013675
 Ref Date: 09-11-91
 Act Date: 09-11-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 76
 Swrcb Tank Id: 36-000-022173-000005
 Actv Date: 06-28-88
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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SO CAL EDISON CO (Continued)

S101619519

Comp Number: 22173
 Number: 9
 Board Of Equalization: 44-013675
 Ref Date: 09-11-91
 Act Date: 09-11-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 72
 Swrcb Tank Id: 36-000-022173-000001
 Actv Date: 06-28-88
 Capacity: 2100
 Tank Use: UNKNOWN
 Stg: P
 Content: Not reported
 Number Of Tanks: 5

Status: A
 Comp Number: 22173
 Number: 9
 Board Of Equalization: 44-013675
 Ref Date: 09-11-91
 Act Date: 09-11-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 73
 Swrcb Tank Id: 36-000-022173-000002
 Actv Date: 06-28-88
 Capacity: 2100
 Tank Use: UNKNOWN
 Stg: P
 Content: Not reported
 Number Of Tanks: Not reported

Status: A
 Comp Number: 22173
 Number: 9
 Board Of Equalization: 44-013675
 Ref Date: 09-11-91
 Act Date: 09-11-91
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 74
 Swrcb Tank Id: 36-000-022173-000003
 Actv Date: 06-28-88
 Capacity: 100
 Tank Use: UNKNOWN
 Stg: P
 Content: Not reported
 Number Of Tanks: Not reported

EMI:
 Year: 1987
 County Code: 36
 Air Basin: SC
 Facility ID: 1026
 Air District Name: SC
 SIC Code: 4911

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SO CAL EDISON CO (Continued)

S101619519

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: 6
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 8
NOX - Oxides of Nitrogen Tons/Yr: 56
SOX - Oxides of Sulphur Tons/Yr: 2
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 1990
County Code: 36
Air Basin: SC
Facility ID: 1026
Air District Name: SC
SIC Code: 4911
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: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 22
SOX - Oxides of Sulphur Tons/Yr: 6
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1995
County Code: 36
Air Basin: SC
Facility ID: 1026
Air District Name: SC
SIC Code: 4911
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: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1996
County Code: 36
Air Basin: SC
Facility ID: 1026
Air District Name: SC
SIC Code: 4911
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: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 6

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SO CAL EDISON CO (Continued)

S101619519

NOX - Oxides of Nitrogen Tons/Yr:	36
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	1997
County Code:	36
Air Basin:	SC
Facility ID:	1026
Air District Name:	SC
SIC Code:	4911
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:	1
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1998
County Code:	36
Air Basin:	SC
Facility ID:	1026
Air District Name:	SC
SIC Code:	4911
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:	1
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1999
County Code:	36
Air Basin:	SC
Facility ID:	1026
Air District Name:	SC
SIC Code:	4911
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:	1
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2000

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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SO CAL EDISON CO (Continued)

S101619519

County Code:	36
Air Basin:	SC
Facility ID:	1026
Air District Name:	SC
SIC Code:	4911
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:	1
NOX - Oxides of Nitrogen Tons/Yr:	10
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

**4 SAN BERNARDINO GENERATING STAT
25770 SAN BERNARDINO AVE
SAN BERNARDINO, CA 92408**

**CA HIST UST U001576068
N/A**

HIST UST:

Region:	STATE
Facility ID:	00000066307
Facility Type:	Other
Other Type:	ELECTRIC UTILITY
Total Tanks:	0002
Contact Name:	VICTOR BARRION
Telephone:	7148895454
Owner Name:	SOUTHERN CALIFORNIA EDISON COM
Owner Address:	2244 WALNUT GROVE AVENUE
Owner City,St,Zip:	ROSEMEAD, CA 91770

Tank Num:	001
Container Num:	518
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Unkown centimeters
Leak Detection:	None

Tank Num:	002
Container Num:	519
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	Not reported
Leak Detection:	None

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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4	SAN BERNARDINO GEN. STATION 25770 SAN BERNARDINO AVE SAN BERNARDINO, CA 92408	CA HIST UST CA CHMIRS CA HAZNET	U001576067 N/A
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HIST UST:

Region: STATE
 Facility ID: 00000022173
 Facility Type: Other
 Other Type: ELECTRIC UTILITY
 Total Tanks: 0012
 Contact Name: V. BARRION, ENG. III
 Telephone: 8185721801
 Owner Name: SOUTHERN CALIFORNIA EDISON CO.
 Owner Address: 2244 WALNUT GROVE AVENUE
 Owner City,St,Zip: ROSEMEAD, CA 91770

Tank Num: 001
 Container Num: 72
 Year Installed: 1956
 Tank Capacity: 00002100
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 002
 Container Num: 73
 Year Installed: 1956
 Tank Capacity: 00002100
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 003
 Container Num: 74
 Year Installed: 1956
 Tank Capacity: 00000100
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 004
 Container Num: 75
 Year Installed: 1956
 Tank Capacity: 00000100
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Tank Construction: Not reported
 Leak Detection: Visual

Tank Num: 005
 Container Num: 76
 Year Installed: 1978
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Tank Construction: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SAN BERNARDINO GEN. STATION (Continued)

U001576067

Leak Detection: Visual, Stock Inventor

Tank Num: 006
Container Num: 77
Year Installed: 1956
Tank Capacity: 00000650
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 007
Container Num: 78
Year Installed: 1956
Tank Capacity: 00000650
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 008
Container Num: 79
Year Installed: 1956
Tank Capacity: 00021000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 009
Container Num: 80
Year Installed: 1978
Tank Capacity: 00027000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 010
Container Num: 81
Year Installed: 1978
Tank Capacity: 00013000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 011
Container Num: 82
Year Installed: 1956
Tank Capacity: 00000400
Tank Used for: WASTE
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 012

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SAN BERNARDINO GEN. STATION (Continued)

U001576067

Container Num: 83
Year Installed: 1956
Tank Capacity: 00000400
Tank Used for: WASTE
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: Visual

CHMIRS:

OES Incident Number: 00-1158
OES notification: 3/10/200006:15:03 PM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: Santa Ana River
Spill Site: Not reported
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2000

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SAN BERNARDINO GEN. STATION (Continued)

U001576067

Agency:	Mountain View Power
Incident Date:	2/12/2000 12:00:00 AM
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Utilities/Substation
E Date:	Not reported
Substance:	Possibly oil & Title 22 metals contaminated dirt
Quantity Released:	Not reported
BBLs:	2
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Soil was on scene at time R/P was doing work. They caused some of it to get washed away. The uncovered dirt was quite black looking, suspected to have been contaminated from oil. R/P bought the plant from SCE about 2 years ago. The stuff that was there was covered with about 2' of regular appearing dirt. The following week the Water Quality Inspector responded. It is estimated that approx 440 lbs of the dirt was released into the water, the rest recovered. ***OCCURED 2/12/00***
OES Incident Number:	06-4647
OES notification:	8/4/2006 02:57:39 PM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SAN BERNARDINO GEN. STATION (Continued)

U001576067

Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA/DOT/PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Comments: Not reported
 Facility Telephone: Not reported
 Waterway Involved: Not reported
 Waterway: Not reported
 Spill Site: Not reported
 Cleanup By: Reporting Party
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported
 Other: Not reported
 Date/Time: Not reported
 Year: 2006
 Agency: Southern Calif. Edison
 Incident Date: 12/12/2005 12:00:00 AM
 Admin Agency: San Bernardino County Health Department
 Amount: Not reported
 Contained: Yes
 Site Type: Other
 E Date: Not reported
 Substance: NOX
 Quantity Released: Not reported
 BBLs: 0
 Cups: 0
 CUFT: 0
 Gallons: 0.000000
 Grams: 0
 Pounds: 44
 Liters: 0
 Ounces: 0
 Pints: 0
 Quarts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0
 Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 Description: A release to the stack due to a malfunction auto generator control system.

HAZNET:

Year: 2002
 Gepaid: CAL000235998
 Contact: BRENT CHOATE

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SAN BERNARDINO GEN. STATION (Continued)

U001576067

Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: REDLANDS, CA 923730000
Gen County: San Bernardino
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.05
Facility County: Not reported

Year: 2002
Gepaid: CAL000235998
Contact: BRENT CHOATE
Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: REDLANDS, CA 923730000
Gen County: San Bernardino
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.15
Facility County: Not reported

Year: 2002
Gepaid: CAL000235998
Contact: BRENT CHOATE
Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: REDLANDS, CA 923730000
Gen County: San Bernardino
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: 0.91
Facility County: Not reported

**4 GENERATING STATION,SAN BERDO
25770 SAN BERNARDINO
SAN BERNARDINO, CA 92408**

**CA NPDES S104581137
CA HIST CORTESE N/A
CA LUST
CA ENF
CA HAZNET
CA EMI**

NPDES:
Npdes Number: Not reported
Facility Status: Historical
Agency Id: 147488
Region: 8
Regulatory Measure Id: 211584
Order No: Not reported
Regulatory Measure Type: Enrollee
Place Id: 219755

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

GENERATING STATION,SAN BERDO (Continued)

S104581137

WDID: 8 362837001
Program Type: NPDES
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/19/2005
Expiration Date Of Regulatory Measure: 01/18/2015
Termination Date Of Regulatory Measure: 06/24/2009
Discharge Name: Mountainview Power Co LLC
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported

CORTESE:

Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083600631T

LUST:

Region: STATE
Global Id: T0607100062
Latitude: 34.077658
Longitude: -117.2413133
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/17/1987
Lead Agency: SAN BERNARDINO COUNTY LOP
Case Worker: CR2
Local Agency: SAN BERNARDINO COUNTY LOP
RB Case Number: 083600631T
LOC Case Number: 90037
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0607100062
Contact Type: Local Agency Caseworker
Contact Name: CATHERINE RICHARDS
Organization Name: SAN BERNARDINO COUNTY LOP
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: crichards@sbcfire.org
Phone Number: 9093868419

Global Id: T0607100062
Contact Type: Regional Board Caseworker
Contact Name: PATRICIA HANNON
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: phannon@waterboards.ca.gov
Phone Number: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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GENERATING STATION,SAN BERDO (Continued)

S104581137

LUST:

Global Id:	T0607100062
Action Type:	ENFORCEMENT
Date:	12/07/1987
Action:	Closure/No Further Action Letter

Global Id:	T0607100062
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

ENF:

Region:	8
Facility Id:	226996
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.0775429
Place Longitude:	-117.24215
SIC Code 1:	4911
SIC Desc 1:	Electric Services
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

GENERATING STATION,SAN BERDO (Continued)

S104581137

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	233264
Region:	8
Order / Resolution Number:	R8-2000-0081
Enforcement Action Type:	Admin Civil Liability
Effective Date:	12/07/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	1/4/2001
Termination Date:	12/06/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	MPC R8-2000-0081 for Mountainview Power Co. LLC
Description:	Cu, Pb, As, Cr, Fe, TDS violations January 2000.
Program:	NPDES
Latest Milestone Completion Date:	12/06/2002
# Of Programs1:	1
Total Assessment Amount:	18000
Initial Assessed Amount:	0
Liability \$ Amount:	18000
Project \$ Amount:	0
Liability \$ Paid:	18000
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	18000
Region:	8
Facility Id:	226996
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.0775429
Place Longitude:	-117.24215
SIC Code 1:	4911
SIC Desc 1:	Electric Services
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

GENERATING STATION,SAN BERDO (Continued)

S104581137

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	233120
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	12/11/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/11/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

GENERATING STATION,SAN BERDO (Continued)

S104581137

Title: Enforcement - 8 362036003
 Description: On 01/06/2000 discharger was contacted via telephone and on 01/11/2000 a meeting was held at Regional Board staff office with the discharger to address several violations to Order No. 94-008. Board staff will followup with a NOV.
 Program: NPDES
 Latest Milestone Completion Date: Not reported
 # Of Programs1: 1
 Total Assessment Amount: 0
 Initial Assessed Amount: 0
 Liability \$ Amount: 0
 Project \$ Amount: 0
 Liability \$ Paid: 0
 Project \$ Completed: 0
 Total \$ Paid/Completed Amount: 0
 Region: 8
 Facility Id: 226996
 Agency Name: Not reported
 Place Type: Facility
 Place Subtype: Power Plant
 Facility Type: Industrial
 Agency Type: Not reported
 # Of Agencies: Not reported
 Place Latitude: 34.0775429
 Place Longitude: -117.24215
 SIC Code 1: 4911
 SIC Desc 1: Electric Services
 SIC Code 2: Not reported
 SIC Desc 2: Not reported
 SIC Code 3: Not reported
 SIC Desc 3: Not reported
 NAICS Code 1: Not reported
 NAICS Desc 1: Not reported
 NAICS Code 2: Not reported
 NAICS Desc 2: Not reported
 NAICS Code 3: Not reported
 NAICS Desc 3: Not reported
 # Of Places: 1
 Source Of Facility: Enf Action
 Design Flow: Not reported
 Threat To Water Quality: Not reported
 Complexity: Not reported
 Pretreatment: Not reported
 Facility Waste Type: Not reported
 Facility Waste Type 2: Not reported
 Facility Waste Type 3: Not reported
 Facility Waste Type 4: Not reported
 Program: NPDES
 # Of Programs: 1
 WDID: Not reported
 Reg Measure Id: Not reported
 Reg Measure Type: Not reported
 Region: Not reported
 Order #: Not reported
 Npdes# CA#: Not reported
 Major-Minor: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

GENERATING STATION,SAN BERDO (Continued)

S104581137

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	234391
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	03/07/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 362036003
Description:	A notice of violation that includes a 13267 request was issued to Mountainview Power Company to address chronic and serious violations of the NPDES permit.
Program:	NPDES
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

HAZNET:

Year:	2010
Gepaid:	CAC002656181
Contact:	STAN MARSH
Telephone:	6263029711
Mailing Name:	Not reported
Mailing Address:	2244 WALNUT GROVE AVE
Mailing City,St,Zip:	ROSEMEAD, CA 917703714
Gen County:	Not reported
TSD EPA ID:	CAD050806850
TSD County:	Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

GENERATING STATION,SAN BERDO (Continued)

S104581137

Waste Category: Polychlorinated biphenyls and material containing PCBs
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 8.51514
Facility County: San Bernardino

Year: 2010
Gepaid: CAC002656181
Contact: STAN MARSH
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: 2244 WALNUT GROVE AVE
Mailing City,St,Zip: ROSEMEAD, CA 917703714
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 16.568
Facility County: San Bernardino

Year: 2010
Gepaid: CAC002656181
Contact: STAN MARSH
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: 2244 WALNUT GROVE AVE
Mailing City,St,Zip: ROSEMEAD, CA 917703714
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 16.568
Facility County: San Bernardino

Year: 2007
Gepaid: CAC002618991
Contact: STAN MARSH
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: 2244 S WALNUT GROVE AVE
Mailing City,St,Zip: ROSEMEAD, CA 917703714
Gen County: San Bernardino
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 5.1
Facility County: San Bernardino

Year: 2007
Gepaid: CAC002612308
Contact: STAN MARSH

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

GENERATING STATION,SAN BERDO (Continued)

S104581137

Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: 2244 S WALNUT GROVE AVE
Mailing City,St,Zip: ROSEMEAD, CA 917703714
Gen County: San Bernardino
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Waste Category: Asbestos containing waste
Disposal Method: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons: 0.4
Facility County: San Bernardino

Click this hyperlink while viewing on your computer to access 38 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 2001
County Code: 36
Air Basin: SC
Facility ID: 121737
Air District Name: SC
SIC Code: 4911
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 21
NOX - Oxides of Nitrogen Tons/Yr: 82
SOX - Oxides of Sulphur Tons/Yr: 1
Particulate Matter Tons/Yr: 7
Part. Matter 10 Micrometers & Smllr Tons/Yr: 7

Year: 2002
County Code: 36
Air Basin: SC
Facility ID: 121737
Air District Name: SC
SIC Code: 4911
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: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
County Code: 36
Air Basin: SC
Facility ID: 121737
Air District Name: SC
SIC Code: 4911

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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GENERATING STATION,SAN BERDO (Continued)

S104581137

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: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004
 County Code: 36
 Air Basin: SC
 Facility ID: 121737
 Air District Name: SC
 SIC Code: 4911
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Y
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.000661
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0.00035
 NOX - Oxides of Nitrogen Tons/Yr: 0.0013
 SOX - Oxides of Sulphur Tons/Yr: 0.0000083
 Particulate Matter Tons/Yr: 0.000075
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

**4 BECHTEL MOUNTAINVIEW CONSTRUCTION
25770 SAN BERNARDINO AVE
SAN BERNARDINO, CA 92408**

**RCRA-SQG 1005415476
NY MANIFEST CAR000111427
CA HAZNET**

RCRA-SQG:

Date form received by agency: 03/29/2005
 Facility name: BECHTEL MOUNTAINVIEW CONSTRUCTION
 Facility address: 2492 W SAN BERNARDINO AVE
 REDLANDS, CA 92374
 EPA ID: CAR000111427
 Mailing address: PO BOX 2109
 REDLANDS, CA 92373
 Contact: CHARLES MAYS
 Contact address: PO BOX 2109
 REDLANDS, CA 92373
 Contact country: US
 Contact telephone: 909-799-0996
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MOUNTAINVIEW POWER PLANT LLC
 Owner/operator address: 2492 W SAN BERNARDINO AVE

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

BECHTEL MOUNTAINVIEW CONSTRUCTION (Continued)

1005415476

REDLANDS, CA 92374
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 03/04/2003
 Owner/Op end date: Not reported

 Owner/operator name: MOUNTAINVIEW POWER PLANT LLC
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 03/04/2003
 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: 01/14/2002
 Facility name: BECHTEL MOUNTAINVIEW CONSTRUCTION
 Site name: BECHTEL MOUNTAINVIEW CONSTRUCT
 Classification: Small Quantity Generator

Hazardous Waste Summary:

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

 Waste code: D002
 Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

BECHTEL MOUNTAINVIEW CONSTRUCTION (Continued)

1005415476

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

NY MANIFEST:

EPA ID: CAR000111427
Country: USA
Mailing Name: BECHTEL POWER CORP
Mailing Contact: SHANNON J OTOOLE
Mailing Address: 2570 SAN BERNARDINO AVE
Mailing Address 2: Not reported
Mailing City: SAN BERNARDINO
Mailing State: CA
Mailing Zip: 92408
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 909799107

Document ID: NYC5731200
Manifest Status: Not reported
Trans1 State ID: SCR000074591
Trans2 State ID: NYD982792814
Generator Ship Date: 05/22/2002
Trans1 Recv Date: 05/22/2002

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

BECHTEL MOUNTAINVIEW CONSTRUCTION (Continued)

1005415476

Trans2 Recv Date: 05/28/2002
TSD Site Recv Date: 06/06/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CAR000111427
Trans1 EPA ID: NYD000632372
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00025
Units: P - Pounds
Number of Containers: 011
Container Type: CY - Cylinders
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

HAZNET:

Year: 2005
Gepaid: CAR000111427
Contact: Charles Mays
Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: Redlands, CA 923732109
Gen County: San Bernardino
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: H01
Tons: 0.37
Facility County: Not reported

Year: 2004
Gepaid: CAR000111427
Contact: Charles Mays
Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: Redlands, CA 923732109
Gen County: San Bernardino
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: H01
Tons: 0.37
Facility County: Not reported

Year: 2002
Gepaid: CAR000111427
Contact: Charles Mays
Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: Redlands, CA 923732109
Gen County: San Bernardino
TSD EPA ID: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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BECHTEL MOUNTAINVIEW CONSTRUCTION (Continued)

1005415476

TSD County: 99
Waste Category: Other organic solids
Disposal Method: T03
Tons: 0.06
Facility County: Not reported

Year: 2002
Gepaid: CAR000111427
Contact: Charles Mays
Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: Redlands, CA 923732109
Gen County: San Bernardino
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: ***
Tons: 0.46
Facility County: Not reported

Year: 2002
Gepaid: CAR000111427
Contact: Charles Mays
Telephone: 9097991107
Mailing Name: Not reported
Mailing Address: PO BOX 2109
Mailing City,St,Zip: Redlands, CA 923732109
Gen County: San Bernardino
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: H01
Tons: 0.01
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 6 additional CA_HAZNET: record(s) in the EDR Site Report.

4	SOUTHERN CALIFORNIA EDISON CO. 25770 SAN BERNARDINO AVE SAN BERNARDINO, CA 92408	CA LUST	S102437822 N/A
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LUST REG 8:
Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083600631T
Local Case Num: 90037
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: RICHARDSON
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

SOUTHERN CALIFORNIA EDISON CO. (Continued)

S102437822

How Stopped: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Global ID: T0607100062
 How Stopped Date: Not reported
 Enter Date: 8/6/1987
 Review Date: Not reported
 Prelim Assess: Not reported
 Discover Date: Not reported
 Enforcement Date: Not reported
 Close Date: 12/17/1987
 Workplan: Not reported
 Pollution Char: 8/6/1987
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Enter Date: 8/6/1987
 GW Qualifies: Not reported
 Soil Qualifies: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 34.077658
 Longitude: -117.2413133
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: Not reported
 MTBE Fuel: 1
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
 MTBE Class: *
 Staff: PAH
 Staff Initials: CR2
 Lead Agency: Local Agency
 Local Agency: 36000L
 Hydr Basin #: UPPER SANTA ANA VALL
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

**4 SCE-SAN BERNARDINO SUBSTATION
 25770 SAN BERNARDINO
 SAN BERNARDINO, CA 92410**

**CA AST S105047505
 N/A**

AST:
 Owner: SOUTHERN CALIFORNIA EDISON
 Total Gallons: 89,533
 Certified Unified Program Agencies: San Bernardino

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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4	EPTC SAN BERNARDINO 25720 SAN BERNARDINO AVE SAN BERNARDINO, CA 92410	RCRA-SQG CA Cortese CA San Bern. Co. Permit CA RESPONSE CA HAZNET CA ENVIROSTOR CA HWP	1000167572 CAD000631150
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RCRA-SQG:

Date form received by agency: 03/04/1999
 Facility name: EPTC SAN BERNARDINO
 Site name: SAN BERNARDINO GEN. STATION
 Facility address: 25770 SAN BERNARDINO AVE
 SAN BERNARDINO, CA 92410
 EPA ID: CAD000631150
 Mailing address: 2244 WALNUT GROVE AVE ROOM 405
 ROSEMEAD, CA 91770
 Contact: KATHRYN VANDERSLICE
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: (626) 302-9320
 Contact email: Not reported
 EPA Region: 09
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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: 10/20/1998
 Facility name: EPTC SAN BERNARDINO
 Classification: Small Quantity Generator

Date form received by agency: 04/01/1998
 Facility name: EPTC SAN BERNARDINO
 Classification: Small Quantity Generator

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

EPTC SAN BERNARDINO (Continued)

1000167572

Date form received by agency: 02/27/1996
Facility name: EPTC SAN BERNARDINO
Site name: SOUTHERN CALIFORNIA EDISON
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994
Facility name: EPTC SAN BERNARDINO
Site name: SO. CALIF. EDISON CO.
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: EPTC SAN BERNARDINO
Site name: SO. CALIF. EDISON CO. SAN BERNARDINO GEN
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: EPTC SAN BERNARDINO
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: EPTC SAN BERNARDINO
Classification: Small Quantity Generator

Corrective Action Summary:

Event date: 12/20/2007
Event: CA029

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 02/01/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/23/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

EPTC SAN BERNARDINO (Continued)

1000167572

Regulation violated: Not reported
Area of violation: TSD - Surface Impoundment Standards
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 09/23/1993
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
 Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
 Enforcement action date: 02/01/1995
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Surface Impoundment Standards
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
 Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
 Enforcement action date: 02/01/1995
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 09/23/1993
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: 0
 Final penalty amount: 0
 Paid penalty amount: 0

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

EPTC SAN BERNARDINO (Continued)

1000167572

Evaluation Action Summary:

Evaluation date: 08/19/1993
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Generators - General
Date achieved compliance: 02/01/1995
Evaluation lead agency: State

Evaluation date: 08/19/1993
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: TSD - Surface Impoundment Standards
Date achieved compliance: 02/01/1995
Evaluation lead agency: State

Evaluation date: 08/19/1993
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 02/01/1995
Evaluation lead agency: State

CORTESE:

Region: CORTESE
Envirostor Id: 60001189
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 02/01/1995
Site Code: 400441
Latitude: 0
Longitude: 0
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

San Bern. Co. Permit:

Region: SAN BERNARDINO
Facility ID: FA0006024
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0020859
Permit Category: ABOVEGROUND PETROLEUM STORAGE (AST) (SPCC)
Facility Status: INACTIVE
Expiration Date: 2010-02-28 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0006024
Owner: SOUTHERN CALIFORNIA EDISON
Permit Number: PT0000336
Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES
Facility Status: ACTIVE
Expiration Date: 2012-02-28 00:00:00

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

EPTC SAN BERNARDINO (Continued)

1000167572

RESPONSE:

Facility ID: 60001189
 Site Type: State Response
 Site Type Detail: State Response or NPL
 Acres: 79
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency: NONE SPECIFIED
 Lead Agency Description: Not reported
 Project Manager: Steven Rounds
 Supervisor: Allan Plaza
 Division Branch: Cleanup Chatsworth
 Site Code: 400441
 Site Mgmt. Req.: NONE SPECIFIED
 Assembly: 63
 Senate: 31
 Special Program Status: Not reported
 Status: Active
 Status Date: 02/01/1995
 Restricted Use: NO
 Funding: Responsible Party
 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: CAD000631150
 Alias Type: EPA Identification Number
 Alias Name: 400441
 Alias Type: Project Code (Site Code)
 Alias Name: 60001189
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 11/05/2009
 Comments: Conditional approval letter issued

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Other Report
 Completed Date: 01/19/2010
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation Report
 Completed Date: 07/19/2006
 Comments: The surface impoundments were clean closed in 2006; the remaining area is corrective action. Currently, there is an approved RFI but it is partial closure until the actual generating station is demolished. Since this is an active generating station, there is no date for demolition.

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

EPTC SAN BERNARDINO (Continued)

1000167572

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedial Investigation Report
Schedule Due Date: 10/31/2011
Schedule Revised Date: Not reported

HAZNET:

Year: 2010
Gepaid: CAD000631150
Contact: STAN MARSH SENIOR ENVIRON SPEC
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip: ROSEMEAD, CA 917700000
Gen County: Not reported
TSD EPA ID: CAD980675276
TSD County: Not reported
Waste Category: Fly ash, bottom ash and retort ash
Disposal Method: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons: 0.1
Facility County: San Bernardino

Year: 2010
Gepaid: CAD000631150
Contact: STAN MARSH SENIOR ENVIRON SPEC
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip: ROSEMEAD, CA 917700000
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons: 28
Facility County: San Bernardino

Year: 2010
Gepaid: CAD000631150
Contact: STAN MARSH SENIOR ENVIRON SPEC
Telephone: 6263029711
Mailing Name: Not reported
Mailing Address: PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip: ROSEMEAD, CA 917700000
Gen County: Not reported
TSD EPA ID: CAD980675276
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons: 8.428

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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EPTC SAN BERNARDINO (Continued)

1000167572

Facility County:	San Bernardino
Year:	2010
Gepaid:	CAD000631150
Contact:	STAN MARSH SENIOR ENVIRON SPEC
Telephone:	6263029711
Mailing Name:	Not reported
Mailing Address:	PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip:	ROSEMEAD, CA 917700000
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	28.8
Facility County:	San Bernardino
Year:	2010
Gepaid:	CAD000631150
Contact:	STAN MARSH SENIOR ENVIRON SPEC
Telephone:	6263029711
Mailing Name:	Not reported
Mailing Address:	PO BOX 800 GO-1 QUAD 3A
Mailing City,St,Zip:	ROSEMEAD, CA 917700000
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	30
Facility County:	San Bernardino

[Click this hyperlink](#) while viewing on your computer to access 47 additional CA_HAZNET: record(s) in the EDR Site Report.

ENVIROSTOR:

Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	79
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	NONE SPECIFIED
Program Manager:	Steven Rounds
Supervisor:	Allan Plaza
Division Branch:	Cleanup Chatsworth
Facility ID:	60001189
Site Code:	400441
Assembly:	63
Senate:	31
Special Program:	Not reported
Status:	Active
Status Date:	02/01/1995
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Responsible Party

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

EPTC SAN BERNARDINO (Continued)

1000167572

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: CAD000631150
 Alias Type: EPA Identification Number
 Alias Name: 400441
 Alias Type: Project Code (Site Code)
 Alias Name: 60001189
 Alias Type: Envirosstor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 11/05/2009
 Comments: Conditional approval letter issued

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Other Report
 Completed Date: 01/19/2010
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation Report
 Completed Date: 07/19/2006
 Comments: The surface impoundments were clean closed in 2006; the remaining area is corrective action. Currently, there is an approved RFI but it is partial closure until the actual generating station is demolished. Since this is an active generating station, there is no date for demolition.

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: PROJECT WIDE
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Remedial Investigation Report
 Schedule Due Date: 10/31/2011
 Schedule Revised Date: Not reported

HWP:

EPA Id: CAD000631150
 Latitude: 34.077381
 Longitude: -117.199893
 Facility Type: HAZ WASTE - NON-OPERATING
 Cleanup Status: Not reported
 Region: CYPRESS, GEOLOGY CAL SUPPORT
 Permit Maintenance Lead: Not reported
 Permit Renewal Lead: Not reported
 Corrective Action Lead: CHRISTINE BUCKLIN

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

EPTC SAN BERNARDINO (Continued)

1000167572

Supervisor: Not reported
 Site Code: 400441
 Assembly District: 63
 Senate District: 31
 Public Information Officer: Not reported
 Facility Status: Retention Basin Unit Clean Closed on 07/19/06. Corrective action will be conducted: In 1995, A Final Judgment Pursuant to Stipulation required SCE to close its retention basins and boiler chemical cleaning basins according to RCRA closure requirements. The facility operated a square retention basin which measures 50 x50 x14 . The basin was originally built in 1970 s. A liner was installed in 1978 and new liner was installed over the old gunite liner. Soil sampling data detected high concentration of metals in a red clay layer beneath the basin including nickel (97,000 mg/kg), vanadium (3,300 mg/kg), zinc (930 mg/kg), copper (680 mg/kg), lead (490 mg/kg), and total chromium (200 mg/kg). No VOC was detected in soil gas and soil samples. The red layer clay was excavated and removed and the confirmation samples indicated the metals were detected within the background levels. A clean materials was used to backfill the excavation. The Revised Closure Demonstration Report dated March 23, 2006 certified the clean closure of the unit.

Site History: Not reported

HWP:

EPA Id: CAD000631150
 Unit Names: Retention Basin
 Event Description: Public Notice - Closure
 Actual Date: 2006-06-08 00:00:00
 Doc Comments: Not reported

EPA Id: CAD000631150
 Unit Names: Retention Basin
 Event Description: Notice of Deficiency - Closure Plan
 Actual Date: 2005-12-14 00:00:00
 Doc Comments: Not reported

EPA Id: CAD000631150
 Unit Names: Retention Basin
 Event Description: Clean Closure Acceptable
 Actual Date: 2006-07-19 00:00:00
 Doc Comments: Not reported

EPA Id: CAD000631150
 Unit Names: Retention Basin
 Event Description: Receive Closure Certification
 Actual Date: 2006-03-23 00:00:00
 Doc Comments: Not reported

EPA Id: CAD000631150
 Unit Names: Retention Basin
 Event Description: Plan Approved - Closure
 Actual Date: 2006-07-19 00:00:00
 Doc Comments: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
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5	DEXTER CHASSIS GROUP 1400 E VICTORIA AVE SAN BERNARDINO, CA 92408	CA San Bern. Co. Permit CA HAZNET CA HWP	S108214342 N/A
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San Bern. Co. Permit:

Region: SAN BERNARDINO
Facility ID: FA0011314
Owner: DEXTER AXLE
Permit Number: PT0019549
Permit Category: GENERATOR - 51-100 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 2008-12-31 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0011314
Owner: DEXTER AXLE
Permit Number: PT0019550
Permit Category: HAZMAT HANDLER 26-50 EMPLOYEES (W/GEN PRMT)
Facility Status: INACTIVE
Expiration Date: 2008-12-31 00:00:00

HAZNET:

Year: 2008
Gepaid: CAL000316232
Contact: GARY KUNKLER
Telephone: 9097962908
Mailing Name: Not reported
Mailing Address: 2900 INDUSTRIAL PKWY E
Mailing City,St,Zip: ELKHART, IN 465160000
Gen County: San Bernardino
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.59
Facility County: San Bernardino

Year: 2008
Gepaid: CAL000316232
Contact: GARY KUNKLER
Telephone: 9097962908
Mailing Name: Not reported
Mailing Address: 2900 INDUSTRIAL PKWY E
Mailing City,St,Zip: ELKHART, IN 465160000
Gen County: San Bernardino
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.209
Facility County: San Bernardino

Year: 2008
Gepaid: CAL000316232
Contact: GARY KUNKLER
Telephone: 9097962908
Mailing Name: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

DEXTER CHASSIS GROUP (Continued)

S108214342

Mailing Address: 2900 INDUSTRIAL PKWY E
Mailing City,St,Zip: ELKHART, IN 465160000
Gen County: San Bernardino
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 2.48115
Facility County: San Bernardino

Year: 2008
Gepaid: CAL000316232
Contact: GARY KUNKLER
Telephone: 9097962908
Mailing Name: Not reported
Mailing Address: 2900 INDUSTRIAL PKWY E
Mailing City,St,Zip: ELKHART, IN 465160000
Gen County: San Bernardino
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 0.0575
Facility County: San Bernardino

Year: 2008
Gepaid: CAL000316232
Contact: GARY KUNKLER
Telephone: 9097962908
Mailing Name: Not reported
Mailing Address: 2900 INDUSTRIAL PKWY E
Mailing City,St,Zip: ELKHART, IN 465160000
Gen County: San Bernardino
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 0.0325
Facility County: San Bernardino

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

HWP:

EPA Id: CAT000646190
Latitude: 34.074391
Longitude: -117.256162
Facility Type: HAZ WASTE - NON-OPERATING
Cleanup Status: Not reported
Region: CYPRESS, GEOLOGY CAL SUPPORT
Permit Maintenance Lead: Not reported
Permit Renewal Lead: Not reported
Corrective Action Lead: Not reported
Supervisor: Not reported

MAP FINDINGS
FOCUS MAP 1

Map ID	Site	Database(s)	EPA ID Number
	DEXTER CHASSIS GROUP (Continued)		S108214342
	Site Code: Not reported		
	Assembly District: Not reported		
	Senate District: Not reported		
	Public Information Officer: Not reported		
	Facility Status: Not reported		
	Site History: Not reported		
	HWP:		
	EPA Id: CAT000646190		
	Unit Names: CONTAIN1		
	Event Description: Initial Submittal		
	Actual Date: 1980-11-19 00:00:00		
	Doc Comments: Not reported		
	EPA Id: CAT000646190		
	Unit Names: CONTAIN1		
	Event Description: Approved Request		
	Actual Date: 1981-08-04 00:00:00		
	Doc Comments: Not reported		
6	HYDRO TEK SYSTEMS 2353 ALMOND AVE REDLANDS, CA 92374	CA San Bern. Co. Permit	S108536454 N/A
	San Bern. Co. Permit:		
	Region: SAN BERNARDINO		
	Facility ID: FA0010888		
	Owner: KOEN, JOHN JR		
	Permit Number: PT0018787		
	Permit Category: SPECIAL GENERATOR		
	Facility Status: ACTIVE		
	Expiration Date: 2012-04-30 00:00:00		
	Region: SAN BERNARDINO		
	Facility ID: FA0010888		
	Owner: KOEN, JOHN JR		
	Permit Number: PT0018786		
	Permit Category: HAZMAT HANDLER 26-50 EMPLOYEES		
	Facility Status: ACTIVE		
	Expiration Date: 2012-04-30 00:00:00		
7	PLASTIC PLUS TECHNOLOGY INC 1495 RESEARCH DR REDLANDS, CA 92374	CA San Bern. Co. Permit CA HAZNET	S109117868 N/A
	San Bern. Co. Permit:		
	Region: SAN BERNARDINO		
	Facility ID: FA0011180		
	Owner: BODOR, KATHY		
	Permit Number: PT0020047		
	Permit Category: HAZMAT HANDLER 26-50 EMPLOYEES (W/GEN PRMT)		
	Facility Status: ACTIVE		
	Expiration Date: 2012-05-31 00:00:00		
	Region: SAN BERNARDINO		
	Facility ID: FA0011180		

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

PLASTIC PLUS TECHNOLOGY INC (Continued)

S109117868

Owner: BODOR, KATHY
Permit Number: PT0020048
Permit Category: LIMITED QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 2012-05-31 00:00:00

HAZNET:

Year: 2009
Gepaid: CAL000320159
Contact: ROB PELLANDINI JR
Telephone: 9097470555
Mailing Name: Not reported
Mailing Address: 1495 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744584
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Unspecified oil-containing waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 0.22935
Facility County: San Bernardino

Year: 2008
Gepaid: CAL000320159
Contact: ROB PELLANDINI JR
Telephone: 9097470555
Mailing Name: Not reported
Mailing Address: 1495 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744584
Gen County: San Bernardino
TSD EPA ID: CAD942444481
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 0.2919
Facility County: San Bernardino

Year: 2007
Gepaid: CAL000320159
Contact: ROB PELLANDINI JR
Telephone: 9097470555
Mailing Name: Not reported
Mailing Address: 1495 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744584
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Unspecified oil-containing waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY
(H010-H129) OR (H131-H135)
Tons: 0.22
Facility County: San Bernardino

Year: 2007
Gepaid: CAL000320159

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

PLASTIC PLUS TECHNOLOGY INC (Continued)

S109117868

Contact: ROB PELLANDINI JR
Telephone: 9097470555
Mailing Name: Not reported
Mailing Address: 1495 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744584
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Waste oil and mixed oil
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.19
Facility County: San Bernardino

**8 LAWSON'S TRUCK REPAIR
2411 W LUGONIA AVE
REDLANDS, CA 92374**

**CA San Bern. Co. Permit S103820325
N/A**

San Bern. Co. Permit:
Region: SAN BERNARDINO
Facility ID: FA0004392
Owner: LAWSON, MICHAEL K.
Permit Number: PT0009586
Permit Category: LIMITED QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 2006-09-30 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0004392
Owner: LAWSON, MICHAEL K.
Permit Number: PT0009587
Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 2006-09-30 00:00:00

**9 CAPTIVE PLASTICS INC
1255 RESEARCH DR
REDLANDS, CA 92374**

**CA NPDES S104764643
CA San Bern. Co. Permit N/A
CA HAZNET
CA EMI**

NPDES:
Npdes Number: CAS000001
Facility Status: Terminated
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 349762
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 361021711
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 07/30/2008
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 04/07/2009
Discharge Name: Berry Plastics

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

CAPTIVE PLASTICS INC (Continued)

S104764643

Discharge Address: 1255 Research Dr
Discharge City: Redlands
Discharge State: California
Discharge Zip: 92379

San Bern. Co. Permit:

Region: SAN BERNARDINO
Facility ID: FA0001767
Owner: CAPTIVE PLASTICS INC
Permit Number: PT0005744
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 2009-08-31 00:00:00

Region: SAN BERNARDINO
Facility ID: FA0001767
Owner: CAPTIVE PLASTICS INC
Permit Number: PT0005745
Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 2009-08-31 00:00:00

HAZNET:

Year: 2009
Gepaid: CAL000274690
Contact: JOHN ISAAC
Telephone: 9097962528
Mailing Name: Not reported
Mailing Address: 4875 E HUNTER AVE
Mailing City,St,Zip: ANAHEIM, CA 928070000
Gen County: San Bernardino
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 0.6672
Facility County: San Bernardino

Year: 2009
Gepaid: CAL000274690
Contact: JOHN ISAAC
Telephone: 9097962528
Mailing Name: Not reported
Mailing Address: 4875 E HUNTER AVE
Mailing City,St,Zip: ANAHEIM, CA 928070000
Gen County: San Bernardino
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.1251
Facility County: San Bernardino

Year: 2009

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

CAPTIVE PLASTICS INC (Continued)

S104764643

Gepaid: CAL000274690
Contact: JOHN ISAAC
Telephone: 9097962528
Mailing Name: Not reported
Mailing Address: 4875 E HUNTER AVE
Mailing City,St,Zip: ANAHEIM, CA 928070000
Gen County: San Bernardino
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Not reported
Tons: Not reported
Facility County: San Bernardino

Year: 2009
Gepaid: CAL000274690
Contact: JOHN ISAAC
Telephone: 9097962528
Mailing Name: Not reported
Mailing Address: 4875 E HUNTER AVE
Mailing City,St,Zip: ANAHEIM, CA 928070000
Gen County: San Bernardino
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.5
Facility County: San Bernardino

Year: 2009
Gepaid: CAL000274690
Contact: JOHN ISAAC
Telephone: 9097962528
Mailing Name: Not reported
Mailing Address: 4875 E HUNTER AVE
Mailing City,St,Zip: ANAHEIM, CA 928070000
Gen County: San Bernardino
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 1.9
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access 13 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:
Year: 1990
County Code: 36
Air Basin: SC
Facility ID: 80349
Air District Name: SC
SIC Code: 3089
Air District Name: SOUTH COAST AQMD

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

CAPTIVE PLASTICS INC (Continued)

S104764643

Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 1
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1993
 County Code: 36
 Air Basin: SC
 Facility ID: 80349
 Air District Name: SC
 SIC Code: 3089
 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: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1995
 County Code: 36
 Air Basin: SC
 Facility ID: 80349
 Air District Name: SC
 SIC Code: 3089
 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: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

9 **CUCAMONGA MOLD**
1251 RESEARCH DR
REDLANDS, CA 92374

CA San Bern. Co. Permit **S100933422**
CA HAZNET **N/A**

San Bern. Co. Permit:
 Region: SAN BERNARDINO
 Facility ID: FA0002561
 Owner: CUCAMONGA MOLD
 Permit Number: PT0005322
 Permit Category: LIMITED QUANTITY GENERATOR
 Facility Status: INACTIVE
 Expiration Date: 2003-09-30 00:00:00

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

CUCAMONGA MOLD (Continued)

S100933422

HAZNET:

Year: 2002
Gepaid: CAL920944398
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 1251 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744541
Gen County: San Bernardino
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: 0.34
Facility County: Not reported

Year: 2001
Gepaid: CAL920944398
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 1251 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744541
Gen County: San Bernardino
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: 0.15
Facility County: Not reported

Year: 2000
Gepaid: CAL920944398
Contact: LINCOLN MOLD & DIE CORPORATION
Telephone: 9082413344
Mailing Name: Not reported
Mailing Address: 1251 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744541
Gen County: San Bernardino
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: R01
Tons: .9382
Facility County: San Bernardino

Year: 2000
Gepaid: CAL920944398
Contact: LINCOLN MOLD & DIE CORPORATION
Telephone: 9082413344
Mailing Name: Not reported
Mailing Address: 1251 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744541
Gen County: San Bernardino
TSD EPA ID: CAT000613927
TSD County: San Bernardino
Waste Category: Aqueous solution with total organic residues less than 10 percent

MAP FINDINGS
FOCUS MAP 1

Map ID Site Database(s) EPA ID Number

CUCAMONGA MOLD (Continued)

S100933422

Disposal Method: H01
Tons: .4125
Facility County: San Bernardino

Year: 1999
Gepaid: CAL920944398
Contact: LINCOLN MOLD & DIE CORPORATION
Telephone: 9082413344
Mailing Name: Not reported
Mailing Address: 1251 RESEARCH DR
Mailing City,St,Zip: REDLANDS, CA 923744541
Gen County: San Bernardino
TSD EPA ID: CAT000613927
TSD County: San Bernardino
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: 0.5333
Facility County: San Bernardino

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

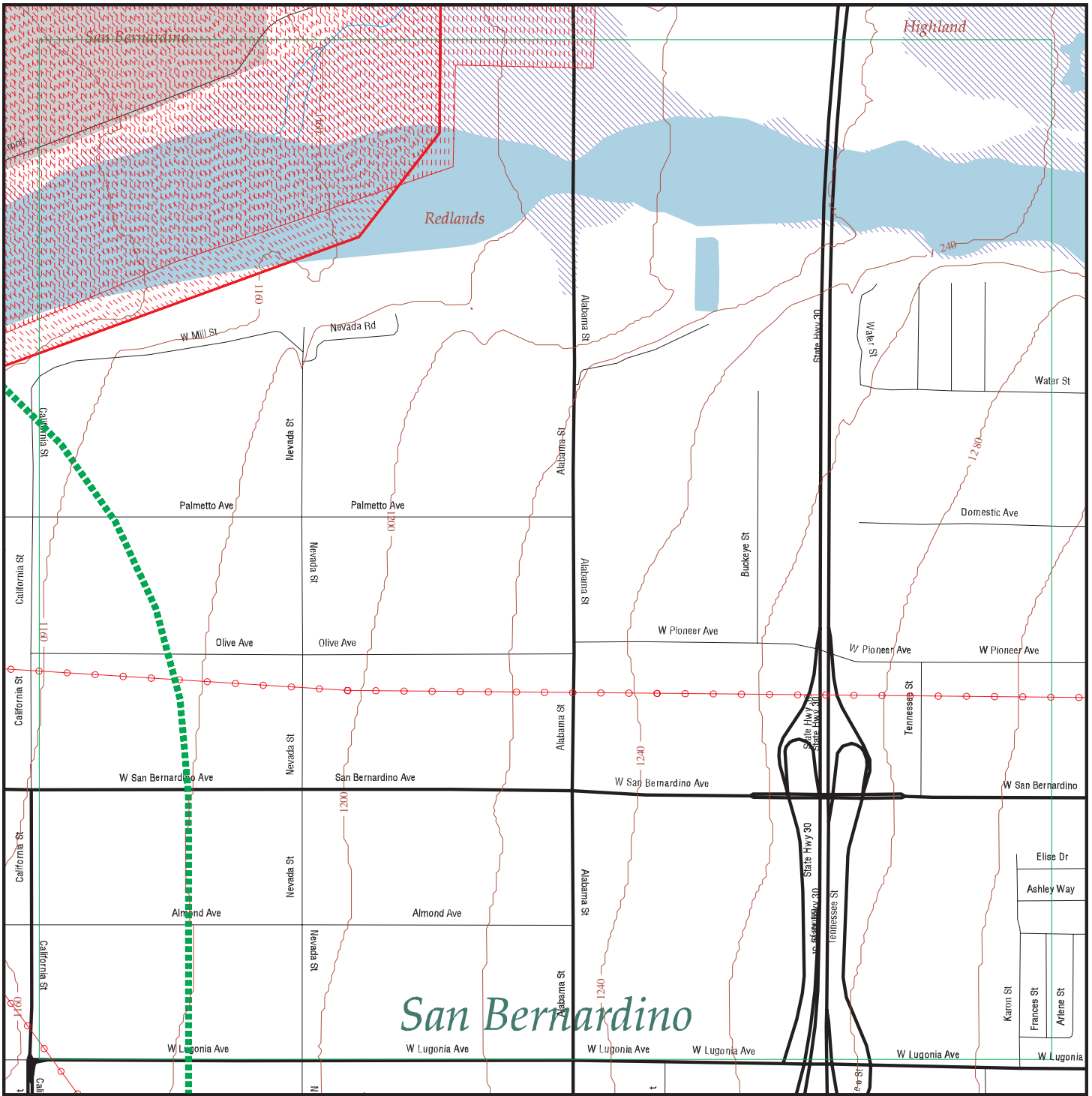
City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOMA LINDA	S106094294	SCE SAN BERNARDINO VISTA AND ETIWANDA	SW MOUNTAIN VIEW AVE	92354	CA HAZNET
LOMA LINDA	1000174019	CIRCLE K #591	25313 VICTORIA AVE	92354	RCRA-NonGen, FINDS, CA FID UST, CA HIST UST
REDLANDS	S111160522	ALPINE SHUTTER CRAFT	1125TH PARK AVE UNIT A & B	92374	CA San Bern. Co. Permit
REDLANDS	S108985868	VICTAULIC COMPANY - REDLANDS DIST.	26682 ALMOND AVEBUILDING 1	92374	CA San Bern. Co. Permit
REDLANDS	1014465337	TARGET STORE NO 1869	26998 W LUGONIA AVE	92374	RCRA-SQG
REDLANDS	1014386866	TARGET #1869	26998 W LUGONIA AVE	92374	RCRA-LQG
REDLANDS	S108724370	CHICK-FIL-A @ CITRUS PLAZA	27520 LUGONIA AVE	92374	CA San Bern. Co. Permit
REDLANDS	S108087326	RED ROBIN GOURMET BURGERS & SPIRITS	27476 LUGONIA AVE	92374	CA San Bern. Co. Permit
REDLANDS	S106911379	NIKO NIKO SUSHI	27510 LUGONIA AVE	92374	CA San Bern. Co. Permit
REDLANDS	S106803305	PARTY CITY	27588 LUGONIA AVE	92374	CA San Bern. Co. Permit
REDLANDS	S106911477	MI TORTILLA	27510 W LUGONIA AVE	92374	CA San Bern. Co. Permit
REDLANDS	S109254332	REDLANDS UNOCAL	27300 LUGONIA AVE	92374	CA San Bern. Co. Permit
REDLANDS	S111311492	ASHLEY FURNITURE INDUSTRIES	2501 W SAN BERNARDINO AVE	92374	CA San Bern. Co. Permit
REDLANDS	S109254420	ABANDONED UST	27495 SAN BERNARDINO AVE	92374	CA San Bern. Co. Permit
SAN BERNARDINO	S104549232	SALTER COMPANY (NORTON AFB)	N & A MILL ST		CA SLIC
SAN BERNARDINO	S111239517	AUTODIN GENERATOR FACILITY	NE CORNER OF HARRY SHEPPARD BLVD ST	92408	CA SLIC
SAN BERNARDINO	S100925144	SCE, ETIWANDA GENERATING STAT.	8996 ETIWANDA AVE		CA Toxic Pits
SAN BERNARDINO	S106910780	CURTIS INDUSTRIES INC	351 S FRANK BLAND 548	92408	CA San Bern. Co. Permit
SAN BERNARDINO	S105026048	USAF GEORGE AFB CUDDEBACK	GEORGE AFB		CA HIST CORTESE
SAN BERNARDINO	S105026049	BX SERVICE	GEORGE AFB		CA HIST CORTESE
SAN BERNARDINO	S105026050	VEHICLE MAINT FAC	GEORGE AFB		CA HIST CORTESE
SAN BERNARDINO	2002630163	7008 WEST MILL STREET	7008 WEST MILL STREET	0	ERNS
SAN BERNARDINO	S104549233	SOUTHERN PACIFIC RAIL YARD	NA MILL ST		CA SLIC
SAN BERNARDINO	S108543100	SOUTHERN PACIFIC RAIL YARD	NA MILL STREET		CA SLIC
SAN BERNARDINO	S108985941	U.S. AIR FORCE - NORTON AFB (FORMER)	MILL STREET		CA SLIC
SAN BERNARDINO	S104747455	CHARTER LEASING	265 MILL ST	92408	CA HIST CORTESE, CA LUST
SAN BERNARDINO	S109821508	BLACKLAND PROPERTIES SITE	NE OF WATERMAN AVE AND VANDERBILT WAY		CA SWF/LF
SAN BERNARDINO	S101591442	AMINA OIL CO	10359 TIPPECANOE	92408	CA FID UST, CA SWEEPS UST
SAN BERNARDINO	S110497002	NORTHGATE #11	7776 TIPPECANOE ST	92408	CA San Bern. Co. Permit
SAN BERNARDINO	S109821506	CEDAR SPRINGS DISPOSAL SITE	UNDER SILVERWOOD LAKE IN A PARK		CA SWF/LF
SAN BERNARDINO	94392508	1409 WEST WRIGHTWOOD DR AND TAMERON DRIVE	1409 WEST WRIGHTWOOD DR AND TAMERON DRIVE		ERNS
SAN BERNARDINO COUN	2011973161	1535 WEST 4TH ST	1535 WEST 4TH ST		ERNS
SAN BERNARDINO COUN	M200000047	VICEROY RESOURCES CORP	CASTLE MOUNTAIN MINE		MINES
SAN BERNARDINO COUN	M200000117	VICEROY RESOURCES CORP	CASTLE MOUNTAIN MINE		MINES
SAN BERNARDINO COUN	M300006013	VICEROY RESOURCES CORP	CASTLE MOUNTAIN MINE		MINES
SAN BERNARDINO COUN	M300002206	VICEROY RESOURCES CORP	CASTLE MOUNTAIN MINE		MINES
SAN BERNARDINO COUN	S103442535	FORT IRWIN LUCKY FUSE DISPOSAL	FORT IRWIN		CA WMUDS/SWAT, CA HIST CORTESE, CA CHMIRS
SAN BERNARDINO COUN	M300006414	HANSON AGGREGATES WEST, INC.	NEWBERRY QUARRY		MINES
SAN BERNARDINO COUN	M300006407	OMYA CALIFORNIA, INC.	OMYA CALIFORNIA QUARRY		MINES
SAN BERNARDINO COUN	M300003168	VULCAN MATERIALS CO.	SAN BERNARDINO (#010)		MINES
SAN BERNARDINO COUN	M300003174	HOLLIDAY TRUCKING, INC.	SAN BERARDINO PIT		MINES

Count: 42 records

FOCUS MAP 1 ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN BERNARDINO COUN	M300006411	CEMEX CALIFORNIA CEMENT LLC.	WHITE MOUNTAIN QUARRY		MINES

Focus Map 2



EDR DataMap® - Environmental Atlas

SCE/West of Devers

Legend

- | | | | | |
|--------------------|-------------------------|-------------|-------------------|---------------------|
| Roads | Waterways | Powerlines | Water | Listed Sites |
| Major Roads | Railroads | Pipelines | Superfund Sites | Sensitive Receptors |
| Contour Lines | Study Boundary | Fault Lines | Federal DOD Sites | |
| 100-Yr Flood Zones | Indian Reservations BIA | | | |



Scale in Miles

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FOCUS MAP 2 SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	1
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	1
CERC-NFRAP	0
LIENS 2	0
CORRACTS	1
RCRA-TSDF	1
RCRA-LQG	0
RCRA-SQG	1
RCRA-CESQG	0
RCRA-NonGen	0
US ENG CONTROLS	1
US INST CONTROL	1
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	1
FUDS	0
LUCIS	0
CONSENT	0
ROD	1
UMTRA	0
DEBRIS REGION 9	0
ODI	0
MINES	0
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	1
MLTS	0
RADINFO	0
FINDS	1
RAATS	0
SCRD DRYCLEANERS	0
US HIST CDL	0
PCB TRANSFORMER	0
FEDERAL FACILITY	0
COAL ASH DOE	0
FEMA UST	0
COAL ASH EPA	0
<u>STATE AND LOCAL RECORDS</u>	
CA HIST Cal-Sites	0

FOCUS MAP 2 SUMMARY

<u>Database</u>	<u>Total Plotted</u>
CA BOND EXP. PLAN	0
CA SCH	0
CA Toxic Pits	0
CA SWF/LF	0
CA WDS	0
CA WMUDS/SWAT	0
CA NPDES	0
CA Cortese	0
CA HIST CORTESE	0
CA SWRCY	0
CA LUST	0
CA FID UST	0
CA SLIC	0
CA UST	0
CA HIST UST	0
CA LIENS	0
NY MANIFEST	1
CA SWEEPS UST	0
CA CHMIRS	0
CA LDS	0
CA AST	0
CA MCS	0
CA Notify 65	0
CA DEED	0
CA VCP	0
CA DRYCLEANERS	0
CA WIP	0
CA CDL	0
CA ENF	0
CA RESPONSE	0
CA HAZNET	0
CA EMI	0
CA ENVIROSTOR	0
CA HAULERS	0
CA HWP	0
CA FINANCIAL ASSURANCE	0
CA MWMP	0
CA PROC	0
CA HWT	0
 <u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
 <u>EDR PROPRIETARY RECORDS</u>	
Manufactured Gas Plants	0

FOCUS MAP 2 SUMMARY

Database

Total
Plotted

NOTES:

Sites may be listed in more than one database

MAP FINDINGS
FOCUS MAP 2

Map ID	Site	Database(s)	EPA ID Number
NPL Region	USAF NORTON AFB I-10 US HWY 395 NORTON AFB, CA 92409	NPL CERCLIS CORRACTS RCRA-TSDF RCRA-SQG US ENG CONTROLS US INST CONTROL ROD PADS FINDS NY MANIFEST	1000417274 CA4570024345

NPL:

EPA ID: CA4570024345
EPA Region: 09
Federal: Y
Final Date: 1987-07-22 00:00:00

Category Details:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 50 And <= 100 Feet
Category Value: 80

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: NORTON AIR FORCE BASE (LNDFL #2)
Site Status: Final
Site Zip: 92408
Site City: SAN BERNARDINO
Site State: CA
Federal Site: Yes
Site County: SAN BERNARDINO
EPA Region: 09
Date Proposed: 10/15/84
Date Deleted: Not reported
Date Finalized: 07/22/87

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: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)

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USAF NORTON AFB (Continued)

1000417274

CAS #:	79-01-6
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at proposal (October 15, 1984): Norton Air Force Base covers approximately 2,036 acres 58 miles east of Los Angeles near the City of San Bernardino, San Bernardino County, California. It is in a low-lying alluvial plain surrounded on the north and east by the San Bernardino Mountain Range. The base began operations in 1942 and has served as a major overhaul center for jet engines and the general repair of aircraft. Since 1962, the facility has served as a Military Airlift Command Base. In addition, Norton formerly had the responsibility for providing maintenance and logistics for liquid-fuel intercontinental ballistic missiles. Past hazardous waste management practices may have contributed to existing contamination problems throughout the base. The practices include burial of drums and other unspecified materials; disposal of waste oils, solvents, and paint residues into landfills, unlined pits, ponds, and drying beds; storage in leaking underground tanks; and spills of AVGAS, oils, solvents, PCBs, and acidic plating solutions. Industrial solvents have been used extensively on the base. Unknown quantities of spent solvents were disposed of in several base landfills. A well on the base has been contaminated with trichloroethylene (TCE). The well water is currently being used in a blended system and is sampled quarterly to ensure that TCE is below the California State action level. The water is used by approximately 11,000 people who live and/or work on the base. Norton Air Force Base is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. The Air Force has completed Phase I (records search). Phase II (remedial investigation) is underway. Status (July 22, 1987): In November 1986, the California Regional Water Quality Control Board issued a Cleanup and Abatement Order requiring Norton to clean up one on-base area, the Industrial Waste Water Treatment Plant Sludge Drying Beds. Phase II-Stage 2 of the IRP was completed in December 1986. It focused on characterization of the contamination at 18 on-base areas. More than 22 areas have been identified to date. Additional areas will be studied in Stage 3, scheduled to begin in the fall of 1987. Within the boundaries of this Federal facility, there are areas subject to the Subtitle C corrective action authorities of the Resource Conservation and Recovery Act (RCRA). However, no such areas were included in scoring this specific site. Therefore, this Federal facility site is being placed on the Federal section of the NPL under the NPL/RCRA policy announced on September 8, 1983 (48 FR 40662).

Site Status Details:

NPL Status:	Final
Proposed Date:	10/15/1984
Final Date:	07/22/1987
Deleted Date:	Not reported

Narratives Details:

NPL Name:	NORTON AIR FORCE BASE (LND FLL #2)
City:	SAN BERNARDINO
State:	CA

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USAF NORTON AFB (Continued)

1000417274

CERCLIS:

Site ID: 0902760
EPA ID: CA4570024345
Facility County: SAN BERNARDINO
Short Name: NORTON AIR FORCE BASE (LN)
Congressional District: 40
IFMS ID: 0978
SMSA Number: 6780
USGC Hydro Unit: 18070203
Federal Facility: Federal Facility
DMNSN Number: 2003.00000
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: Military Related
Site Settings Code: SU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: USAF
Non NPL Status: Not reported
Non NPL Status Date: Not reported
Site Fips Code: 06071
CC Concurrence Date: 20060516
CC Concurrence FY: 2006
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9271184.00000
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Contact Title: Site Assessment Manager (SAM)
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Contact Title: Site Assessment Manager (SAM)
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Contact Title: Site Assessment Manager (SAM)
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Contact ID: 9270192.00000
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Map ID	Site	Database(s)	EPA ID Number
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USAF NORTON AFB (Continued)

1000417274

Contact Email: Not reported

Contact ID: 9270438.00000

Contact Name: Dawn Richmond

Contact Tel: (415) 972-3097

Contact Title: Site Assessment Manager (SAM)

Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101

Alias Name: AREA II LANDFILL

Alias Address: GOLF COURSE
NORTON AFB, CA 92409

Alias ID: 201

Alias Name: NORTON AIR FORCE BASE (LANDFILL #2)

Alias Address: Not reported
CA

Alias ID: 202

Alias Name: NORTON AIR FORCE BASE

Alias Address: I-10-US 395
SAN BERNARDINO, CA 92408

Alias ID: 203

Alias Name: NORTON AIR FORCE BASE (LNDFFL #2)

Alias Address: I-10-US 395
SAN BERNARDINO, CA 92409

Alias ID: 9270149

Alias Name: NORTON USAF BASE

Alias Address: 63ABG/CC
NORTON AFB, CA 86023

Alias ID: 201

Alias Comments: PREVIOUS EPA ID# AZD 981 416 977

Site Description: The Base Closure team has worked closely with the City of Riverside to ensure that controls are in place to protect the public from exposure to contamination. The Air Force constructed a groundwater extraction and treatment remedy in 1994 and is currently operating two pump and treat systems which have treated over 90 million gallons of contaminated groundwater to date. Approximately 325 lbs. of TCE have been removed from the groundwater. Additionally, a soil vapor extraction system is currently operating and 6,247 lbs. of TCE have been removed from the contamination source area. Since 1994, the Air Force has excavated approximately 40,000 cubic yards of contaminated soils from various locations on the base which were then treated and disposed of on-site, or transported to an off site disposal facility. The Air Force also closed numerous underground storage tanks and excavate and treated contaminated soil using bioremediation technology in 1996. An investigation of alleged radiological contamination was conducted and results showed that elevated levels of radionuclides in groundwater were caused by naturally occurring uranium. In 1996, the Air Force removed a waste line contaminated with radium paint residue and another industrial waste line. A JP-4 aircraft fuel system which was not contaminated will be salvaged for future use by the airport. In 1980, DOD issued a policy requiring identification of hazardous waste sites. In 1982, Norton issued the Phase I Records Search. In 1985, the site issued the Phase II Problem Confirmation Study. In June 1989, after various investigations, the Air Force signed the Norton AFB Federal Facility Agreement. In November 1990, Norton AFB began the Central Base Area (CBA) OU Groundwater Investigation to define the extent of the plume. In 1991, through a removal action, TCE-contaminated soil was treated onsite. In early 1993, the Air Force issued a draft RI, FS and proposed plan. In June 1992, the

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USAF NORTON AFB (Continued)

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Air Force began a treatability test of the ground water pump and treat system. In 1993, Norton AFB issued the Final FS and Plan. The 2,003-acre Norton AFB is located in San Bernardino County, California (40th Congressional District), approximately 65 miles east of Los Angeles. The site is bounded by the Santa Ana River to the south, and other adjacent areas are used for residential, industrial, and agricultural purposes. Operations at the site began in 1942, and the facility served as a major overhaul center for jet engines and the general repair of aircraft. The site formerly had the responsibility of providing maintenance and logistics for liquid-fuel intercontinental ballistic missiles. There are more than 20 areas of contamination on the base including two landfills, six discharge areas, four chemical pits, a fire training area, a fuel spill area, a polychlorinated biphenyl (PCB) spill area, a chemical spill area, two waste storage areas, an underground storage area, and a low-level radioactive waste burial site. Soil contaminants included PCBs, trichloroethylene (TCE), petroleum hydrocarbons, metals such as lead and polycyclic aromatic hydrocarbons. An off-site groundwater plume (TCE) has impacted several municipal drinking water wells. Norton AFB was closed by the Department of Defense in March 1994, based on the legislative requirements in the Base Realignment and Closure Act of 1990. Consistent with the reuse alternatives identified in the Final Environmental Impact Statement, the Base is being redeveloped as an airport with mixed non-aviation, light industrial land use. Norton Air Force Base is located in the city of San Bernardino, San Bernardino County, California, 55 miles east of Los Angeles and 60 miles west of Palm Springs. The main surface water features near the site are City Creek, Warm Creek, the Twin Creek flood control channel, and the Santa Ana River, which flows southwest along the southern base boundary. The aquifer system beneath the site is part of the Bunker Hill hydrologic basin. Drinking water is derived from the middle and lower water-bearing zones. The site is classified as residential and light industrial. Adjacent properties includes area of residences, light and heavy industry, and agriculture. The population of the county is 1,418,380. The site was activated in March 1942 as an engine repair center for Air Force, U. S. Navy, and private industry aircraft. The site became a Military Airlift Command base in 1966. In 1968, the Aerospace Audiovisual Services established its headquarters at the base. The site also provided airlift and sustenance capabilities for air and combat units world-wide. Solvents, specifically TCE, were used in servicing aircraft from 1940s to the early 1980s. Former waste disposal, handling, and discharge practices have resulted in the contamination of soil and the upper water-bearing zone of a drinking water aquifer. The base was officially added to the U.S. EPA National Priorities List (NPL) on July 22, 1987. The U.S. EPA, California Department of Toxic Substances Control (DTSC), and the U.S. Air Force signed an interagency agreement, known as the Norton AFB Federal Facility Agreement (FFA) on June 29, 1989, which governs the conduct of environmental investigation and cleanup activities. The Air Force, U.S. EPA, DTSC, and the Regional Water Quality Control Board (RWQCB) Santa Ana Region comprise the Base Realignment and Closure (BRAC) Cleanup Team (BCT), with the Air Force serving as lead agency. The base has been subdivided into six separate areas for purposes of investigation and description of base activities. Since closure and redevelopment of portions of the base, many streets have been renamed. -The Central Base Area (CBA), which reflects the western one-third of the former base, was the most developed portion of the base and included the majority of offices, warehouses, on-base housing, engineering yards, and aircraft repair facilities. -The former Ballistic Missile Organization (BMO) complex is located south of the CBA and across Mill Street. The former BMO complex has been deeded to the Inland Valley Development Agency and a portion is occupied by the Defense Finance and Accounting Service. -The airfield includes the runways, ramps, aircraft parking, and hangars used for aircraft repair. The

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airfield covers the eastern two-thirds of the former base. -The Northeast Base Area (NBA) is located north of the airfield and represents the portion of the base with the oldest buildings. The original aircraft hangars and repair facilities are located within the NBA, as well as the former base Landfill No. 2. -The Golf Course Area (GCA) is located south of the airfield and is the current site of the Palm Meadows Golf Course. Prior to construction of the golf course, the GCA was used as a landfill (IRP Site 10), liquid waste disposal (IRP Site 1), a quartermaster's salvage yard, and chemical warfare training area, among other activities. -The former industrial waste treatment plant (IWTP) facility is located south of the GCA and was used for the treatment of liquid wastes generated as part of aircraft maintenance and repainting. Several investigations were conducted from 1982 to date. The 1982 to 1988 investigations resulted in identification of 22 Installation Restoration Program (IRP) sites. During closure of the base, additional records investigations resulted in identification of 73 AOCs. Contamination at the Small Arms Range (SAR) and the pipeline excavation at Building 752 was identified during cleanup actions performed at these sites. OU2: Site Specific Information IRP Site 1 - IRP Site 1 is in the GCA and was the location of former unlined lagoons used from 1950 to 1960 for the disposal of liquid waste generated during aircraft repair. During the 1960s, a portion of the golf course was constructed over the site without removing all industrial waste. The Remedial Investigation (RI) identified soils contaminated with paints, solvents, oil, fuels, and solids that had been washed into the industrial waste system. Chlorobenzene, 1,2-dichlorobenzene (DCB), and 1,4-DCB exceeded industrial PRGs. An Engineering Evaluation/Cost Analysis (EE/CA) identified removal of contaminated soil to a depth of approximately 30 feet below ground surface (bgs), backfilling with clean soil, and restoring the site as a portion of a fairway and green. A total of 20,325 tons of contaminated soil was excavated from an area of approximately 25,000 square feet, to the top of the perched-zone groundwater at a depth of approximately 29 feet bgs. The excavation was located next to a berm that supports the airfield perimeter road. Based on confirmation sampling results the contamination extended beneath the perimeter road. For technical and implementability reasons, the deep and lateral contamination was not removed. The area of affected soil left in place covers approximately 3,800 square feet. IRP Site 1 is part of the active golf course, and the property is currently zoned industrial/commercial by the city of San Bernardino. The projected long-term use of the site is expected to be commercial/industrial-related options for the property. IRP Site 2 - IRP Site 2 is located in the northeast corner of former Norton AFB and is the location of a former base landfill used between 1958 and 1980. Originally, it covered approximately 31 acres and was used for the disposal of general refuse, office waste, industrial waste, and industrial waste treatment plant (IWTP) sludge. Under CERCLA, the presumptive remedy for landfills is to leave waste in place and to provide an appropriate containment system. Under the presumptive remedy guidelines, various cover systems and associated gas control systems were evaluated in an EE/CA for IRP Site 2, and a natural soil cover was selected with an appropriate surface water control system. Because landfill gas (e.g., methane, PCE, trichloroethene [TCE], and vinyl chloride) was present, a landfill gas control system was also required. The cover, surface water control, and gas control systems were described in an Action Memorandum (AM). The design for the landfill has been implemented with consolidation into a smaller footprint and construction of the landfill cover and gas collection/control systems completed in December 1998 and accepted by the BRAC Cleanup Team (BCT) in February 1999. Site 2 is a closed landfill, and the property is currently zoned industrial/commercial by the city of San Bernardino. The projected long-term use of the site is expected to be passive open space. IRP Site 5 - IRP Site 5 served as the training area for fire

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control and abatement exercises from the late 1950s through the 1970s. Site 5 is in the southern portion of the former base, east of the golf course. Fire training exercises involved floating a layer of oil, fuel, or other combustible material on a layer of water and repeatedly igniting and extinguishing the material. RI results showed the site to contain metals (cadmium, copper, lead, and zinc) and dioxins in near-surface soils (to 10 feet bgs) and fuels (benzene, toluene, ethylbenzene, xylenes [BTEX]), solvents, and PAHs in deeper soils up to 40 feet bgs. The EE/CA and subsequent AM for IRP Site 5 selected soil vapor extraction (SVE) for remediation of fuel contamination, excavation followed by stabilization of the metals/dioxin-contaminated soil, and excavation and disposal of the PAH-contaminated soil. This removal action was completed during 1998 and involved an area of approximately 100,000 square feet. Excavation was performed to a maximum depth of 13 feet bgs, and confirmation samples were taken on the sidewalls and bottom of the excavation. The SAR impact berm adjacent to IRP Site 5 was also removed during the Site 5 removal action. The SVE component of the remedy removed 22,600 pounds of hydrocarbons. The SVE system was operated from January 10, 1996, until July 10, 1997. The effectiveness of the SVE system was assessed through confirmation soil boring samples and vadose zone leaching modeling. The model simulations indicated that the SVE removal adequately addressed the hydrocarbon contamination and was protective of groundwater. The soil excavation was performed in two phases. The first phase consisted of the removal of 21,104 tons of contaminated soil and 4,589 tons of rock and debris. This material was transported to the IRP Site 2 landfill. The lead in the contaminated soil was stabilized using 15 percent (by weight) Portland cement to meet State of California nonhazardous waste criteria. The soil that met nonhazardous criteria was used as foundation material for the landfill cap. The material not meeting the California nonhazardous waste criteria (1,443 tons) met federal nonhazardous waste criteria and was shipped to Browning Ferris Industries (BFI) landfill in La Paz, Arizona, for disposal. The second phase involved excavation of 3,496 tons of contaminated soil, stabilized with 15 percent (by weight) Portland cement, which was shipped to the BFI landfill in Arizona for disposal as an RCRA nonhazardous waste. The excavation area was backfilled with clean soil to the level of the former topographic grade. No groundwater contamination is associated with IRP Site 5. The site is being used for storage of golf course landscape waste prior to off-site disposal, and the property is currently zoned industrial/commercial by the city of San Bernardino. The projected long-term use of the site is expected to be industrial/commercial-related. Small Arms Range - The SAR was located immediately adjacent to IRP Site 5 and historically included an impact berm. The berm was contaminated by lead projectiles as a result of small arms practice, and a removal action was addressed in a work plan. Because the berm was contiguous with Site 5, portions of the berm were removed during the Site 5 removal action. A total of 11,478 tons of material was removed from the SAR, including 210 tons of bullet fragments and rock, classified as RCRA hazardous waste, and disposed at the Laidlaw Environmental Services landfill in Westmoreland, California. Nonhazardous waste, including 128 tons of rock and debris and 9,124 tons of soil, was placed at the IRP Site 2 landfill. The remaining 2,106 tons of soil were stabilized with 15 percent (by weight) Portland cement. This material did not meet California nonhazardous waste criteria and was shipped to the BFI landfill in Arizona for disposal. Confirmation samples were collected, and lead was detected above the residential PRG at one location. Following completion of the soil removal action, much of the remaining portion of the SAR impact berm was pushed into the Site 5 excavation as fill. The soil from the berm was then covered with soil imported from the adjacent riverbed to bring the Site 5 area back to its original grade. The firing line area of the SAR remains as a ground depression

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and is not being used. Projected long-term plans for the area are industrial/commercial-related use. The firing line area remains as a ground depression and is not being used. Projected long-term use of the site is expected to be commercial/industrial-related options for the property. IRP Site 7 - IRP Site 7 is located in the southeast corner of the former IWTP compound. Although Site 7 is part of this CERCLA ROD, as part of the former IWTP, Site 7 also must be closed as part of the RCRA corrective action termination of the interim status facility (two separate closure processes). The site included 12 concrete-walled, unlined sludge-drying beds, covering approximately 17,280 square feet. The beds were used to dry sludge generated at the IWTP until 1987. During removal of the sludge, it was temporarily stored at the northeast corner of the site. The former waste pile appears to have been located on what is now highly weathered asphalt pavement. Physical removal and disposal of the concrete-walled sludge-drying beds and surface soils were completed in March 2004, and the CERCLA closure report is in review. The site is currently not being used. The property is zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be commercial/industrial-related options for the property. IRP Site 10 - Site 10 is located along the southern base boundary in the eastern portion of the golf course. Landfill No. 1 was used by the Air Force from 1943 to 1958, primarily for disposal of general refuse, which was apparently burned at the site. The 1984 to 1995 investigations, which included sampling for metals, pesticides, PAHs, and PCBs, indicated the presence of metals in ash (primarily chromium and lead) above the residential soil PRGs in shallow soil (0 to 2 feet bgs). Based on the RI data for metals, an RA for Site 10 was evaluated in an EE/CA. Because contamination was not significantly above industrial soil cleanup goals, the Air Force elected to establish a deed restriction for the site. However, the ecological risk assessment (ERA) determined that the contamination was localized, and concentrations of chromium and lead at the hot spots posed a significant risk to plants and animals. The Air Force responded by developing a hot-spot removal plan for Site 10. A removal action was performed at four hot spot locations that resulted in excavation of 340 cubic yards of contaminated soil. Approximately 224 cubic yards of contaminated soil were disposed at the Site 2 landfill, and 116 cubic yards were disposed off site. Physical removal and disposal of dioxin-contaminated soil were completed in 2004, and the closure report is in preparation. The northern portion of the site is used as a golf course fairway, and the property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site north of the base boundary is expected to be industrial-related. The southern portion of the site includes habitat for two endangered species, and is bounded by a man-made flood protection levee. The southern portion is off base and is zoned open space with unrestricted public access. IRP Site 17 - IRP Site 17 is located in the southwestern corner of the former IWTP compound. Although Site 17 is part of the CERCLA ROD, as part of the former IWTP, Site 17 is undergoing RCRA closure as part of the corrective action termination of the RCRA interim status facility (two separate processes). The former IWTP treated industrial wastewater from the repair of military aircraft from 1960 to 1993. Most of the IWTP facility was removed in 1995. IRP Site 17 is comprised of two connected brick-lined sumps that the Air Force constructed during the early 1960s for the purpose of burning waste fuels and solvents. The Air Force initiated burning, but in 1961 permission for continued burning was denied by local air quality authorities. Therefore, the sumps were used for waste destruction for a limited time but were used primarily as holding tanks for the IWTP and as an oil/water separator until 1985. The area immediately south of the sumps was also used for storage of solvent and plating wastes contained in 55-gallon drums. Site 17 was subject to a series of site investigations initiated in 1984. Site investigations have identified a zone of fine-grained

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soils, 25 to 55 feet bgs, that underlie and overlie two zones of coarser-grained soils. An EE/CA prepared for Site 17 presented a detailed analysis of the subsurface conditions at the site. In summary, there are two water-bearing zones below the Site 17 area. The first zone is a perched groundwater layer that is supported by a layer of finer-grained silts and clays extending from approximately 25 to 55 feet bgs. Collectively, the zone of finer-grained soils starting at 25 feet bgs and the perched groundwater supported by the finergrained soils is termed the "perched zone." Below the zone of finer-grained soil material is the second zone, termed the "upper aquifer." The upper aquifer comprises sands and gravels that extend to at least 500 feet below the site. During the early 1980s, the top of the upper aquifer was in contact with the zone of finer-grained soil material at 50 feet bgs. Between 1984 and 1988, the elevation of the upper aquifer dropped 7 to 10 feet, below the soil layer of the perched zone. Between 1988 and 1993, the water elevation decreased another 15 to 25 feet, resulting in several dry monitoring wells. The depth to groundwater in the upper aquifer now ranges from approximately 75 to 90 feet bgs (depending on seasonal fluctuations) in the area of IRP Site 17. The perched-zone groundwater contamination is assumed to have resulted from the former chemical waste storage at Site 17. The source may have been from the drums of waste solvents once stored at Site 17 or leakage from the Site 17 sumps. Due to the sandy nature of the surface soils, the solvent migrated downward to the perched zone, where further downward migration was retarded by the finer-grained soils. The two sumps, which were part of the IWTP, were removed in 2003, and the CERCLA closure report is in preparation. The site is currently not being used. The property is zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be as industrial/commercial-related options for the property. IRP Site 19 - Site 19, located in the CBA to the south of Building 763, was formerly used as a drum storage area and aircraft washing facility. Drums of fuels, oils, electroplating solutions, TCE and trichloroethane (TCA) sludge, and cyanide waste solutions were stored on an unpaved fenced lot. The area south of Building 763 was the general location of the original aircraft washing facility. This facility was removed in 1966, and the area was resurfaced with 20 inches of concrete to become part of the flight line. Site 19 was investigated during the 1984 to 1986 IRP and the 1991 to 1993 RIs. PCBs were detected in excess of residential PRGs, primarily in the upper 6 inches of soil beneath the concrete runway apron. An interim ROD was developed for IRP Site 19 to identify a use restriction documenting the presence of the contamination. This ROD and its decision for IRP Site 19 will supersede the interim ROD. No groundwater contamination is associated with this site. The long-term future land use for Site 19 is to retain the runway apron for use by the San Bernardino International Airport Authority (SBIAA) airfield. AOC 4 - Building 301, located in the NBA near U and 102nd streets, was an equipment and vehicle washing facility. During the 1950s, the building was part of a spray painting facility. At the time of base closure (1994), it was used by civilian auto hobby personnel. AOC 4 consists of the foundation of former Building 301, an adjacent washing slab, and adjacent soil areas. A separator/dosing chamber was removed and its location evaluated as part of the basewide underground storage tank (UST) program. A solids collection pit and two trench drains were identified during the site investigation. The concrete washing slab was heavily stained, particularly near the trench drains. Drums of oil and other materials were stored in sheds along the southern drain line. A 4-foot-by 4-foot-wide area surrounded by a 6-foot-tall chain-link fence is located to the north of the washing slab and may represent the location of a former waste receptacle. The area is capped with a wooden cover, and the material under the cover may be fill. The area of affected soil is approximately 40 feet by 120 feet. No groundwater contamination is associated with this AOC. AOC 4 is on

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a parcel that was transferred by SBIAA to the San Bernardino County Fire Department under a Federal Aviation Administration (FAA) covenant that allows only industrial, commercial, or aircraft support usage. The Fire Department has refurbished Building 302 for office use and vehicle repair and is using the area west of the building (north of AOC 4) as a household hazardous waste collection point. Remedial alternatives were evaluated in an EE/CA. The Air Force identified ICs as the preferred alternative in the AM. Paved areas south of Building 302 are being used for vehicle and equipment storage. The western half of AOC 4 is covered by grassy weeds, while the eastern half is paved and includes a covered storage area. The Fire Department plans to use the paved area for equipment storage, while there are no plans for use of the grassy area of AOC 4 outside of the fenced storage yard. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be industrial/commercial-related options for the property. AOC 18 - Former Buildings 451 and 452 were located in the CBA, east of Tippecanoe Avenue and north of Harry Sheppard Boulevard. Building 451 was a former garage and gas station in operation from 1942 to the late 1960s or early 1970s; Building 452 was the site of USTs. A 1942 site drawing indicates five 12,000-gallon gasoline USTs, a fueling station, and an oil storage house (Buildings 452, 451, and 450, respectively), although a 1967 site drawing indicates only two 12,000-gallon USTs were present. All structures and USTs have been removed. AOC 18 was investigated during the confirmation study (CS) and expanded source investigation (ESI). The soil contamination covers an area of approximately 600 feet. Prior to the initial redevelopment activities, AOC 18 was covered by an asphalt-paved parking lot that served the adjacent base post office. From January 2000 to 2004, the surface of the AOC was bare earth facilitating aeration (volatilization) of the fuel-related chemicals. The site is now paved with asphalt as part of the Mattel warehouse and distribution center. Remedial alternatives were previously evaluated in an EE/CA. The Air Force identified ICs in the AM as the preferred RA. AOC 18 is on property that was transferred to Inland Valley Development Agency (IVDA). IVDA has demolished all structures in the vicinity of AOC 18 and removed all pavement in preparation for redevelopment. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be industrial/commercial-related options for the property. AOC 33 - Building 747, located in the southeastern corner of the CBA, was one of the primary industrial facilities at Norton AFB. Although AOC 33 is part of this CERCLA ROD, as part of the former Industrial Waste Line (IWL), it is also part of the RCRA corrective action termination of the interim status facility (two separate closure processes). The building was constructed in 1942 and renovated in 1944, 1953, and 1955. From 1942 to 1966, the building supported operations for the repair and overhaul of engines and other aircraft parts. Building 747 was converted into a freight terminal facility in 1966, and the building served as offices and storage facilities. Subsurface soil contamination at AOC 33 is associated with sumps (some recently removed) buried beneath an asphalt access road immediately south of Building 747. The sump portion of AOC 33 is part of the IWL that is undergoing RCRA corrective action termination as an interim status facility. AOC 33 was investigated during the CBA OU RI, CS, and the ESI. No groundwater contamination is associated with AOC 33. Remedial alternatives were evaluated in an EE/CA. The Air Force identified a deed restriction in the AM as the preferred RA. The sump and surrounding soil were removed in 2003. The CERCLA closure report is in preparation. AOC 33 is on property that has been leased by the Air Force to SBIAA. Building 747 has been subleased by SBIAA to several entities for commercial use. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be industrial/commercial-related

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options for the property, including aviation support. AOC 39 - AOC 39 is located west of Club House Drive and south of the southern perimeter road, where an underground storm drainpipe empties into a grass-covered fairway drainage ditch. The discharge serves storm drain lines that originate along the southern flight line area. An oil/water separator removes oil prior to discharge into the ditch. The discharge point possibly received waste from the flight line and Buildings 695, 763, and 795. Aerial photographs from the 1950s and later indicate that fluids from aircraft repair and fueling emptied into the storm drain system. A 1982 interview record indicated that flight line oils were occasionally observed in the golf course drain. No groundwater contamination is associated with AOC 39. Remedial alternatives of AOC 39 were previously evaluated in an EE/CA. The Air Force selected deed restrictions in the AM as the preferred RA. AOC 39 was evaluated further in the BWFS. AOC 70 - AOC 70 was a percolation pond used for treated IWTP effluent during the mid-1980s to 1993. Although AOC 70 is part of this CERCLA ROD, as part of the former IWTP, AOC 70 also must be closed as part of the RCRA corrective action termination of the interim status facility (two separate closure processes). On December 31, 2004, DTSC-RCRA acknowledged that AOC 70 was clean closed. The 0.25-acre pond site was constructed upon sandy soils that readily facilitated infiltration of the treated effluent into the subsurface. There was no outflow from the pond. The pond dried out when the IWTP ceased functioning in mid-1993. AOC 70 was investigated under the CS Addendum No. 2. RAs were evaluated in an EE/CA. The Air Force selected a soil removal action in the AM as the preferred remedy. The Air Force completed the removal action in 1997 and backfilled the site with certified clean fill. No groundwater contamination is associated with the AOC. AOC 70 is within a parcel of the base that has been leased to IVDA. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the site is expected to be as industrial/commercial-related options for the property consistent with city of San Bernardino zoning. Building 752 - Building 752 is located in the eastern portion of the CBA adjacent to the airfield. The building was used during the 1940s and 1950s for the repair of aircraft instruments, including painting instrument dials with radio-luminescent paint containing radium-226. The room used for painting dials was sealed in 1955 when painting operations ceased. During the period that painting occurred, paint waste was flushed into a sink connected to the sanitary sewer. Investigations of the sink and piping system showed that they were contaminated by radium-226. This included the piping system outside of the building to where it connected with the sanitary sewer. Cleanup of the interior piping system and interior surfaces of Building 752 were handled under separate programs. Cleanup of soils affected by radium-226 waste outside of Building 752 are being addressed in this ROD. To determine whether soils outside of the building had been affected by the discharge of paint waste into the sanitary sewer pipe, the pipe was excavated for visual characterization and soil sampling. The pipe was constructed of 6-inch vitreous clay in 3-foot sections. Two soil samples collected as part of the initial site characterization were found to contain radium-226 at 169 ±10 pCi/g and 1,940 ±20 pCi/g (background is 1.41 pCi/g). The entire waste line piping was surveyed with a field instrument and found to exhibit gamma radiation above background levels. Excavation of the piping system was conducted July 23 through August 1, 1996. The excavation was approximately 3 feet deep where the waste line exited the southwest corner of the building, and extended to a depth of 9 feet where the waste line entered the sanitary sewer. All excavated soil and piping was disposed off site. Before backfilling the trench, a new waste line was installed between the building and the sanitary sewer. After backfilling the trench, asphalt pavement was placed over the excavation. As part of the overall radium-226 investigation of the Building 752 area, additional radium-226 contamination was discovered in an

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area immediately west of the building. Building drawings from the 1950s indicate a wooden loading dock attached to the building over the affected area. In February 2001, the loading dock area was sampled for radium-226. The investigators determined that the area of concern is 11 by 55 feet, with depth of contamination between 1 and 4 feet bgs. The estimated volume of affected soil is 1,400 cubic feet. Radium-226 contaminated soil was removed in 2004. The closure report is in preparation. All contaminated soil will be properly disposed. Currently the site is not in use. The property is currently zoned industrial/commercial by the city of San Bernardino. Projected long-term use of the building and surrounding area is expected to be industrial/commercial-related options for the property (airfield support). Northeast Base Area PCE Plume - The NBA has two PCE plumes, one in the eastern portion (east PCE plume) where the former Site 2 landfill is situated, and a smaller plume in the central portion (west PCE plume). Only the west PCE plume has been above the maximum contaminant level (MCL) for PCE since April 2003. The average gradient in the NBA has been observed to fluctuate between a low of 0.004 foot per foot (October 2003) and a high of 0.039 foot per foot (April 1996). Seasonal variation remains relatively constant. The source of the contamination contributing to the NBA west PCE plume is not believed to be associated with IRP Site 2. PCE concentrations are higher in the west plume than those in the east plume, whereas they would be expected to be less due to contaminant dispersal. The groundwater flow direction in the NBA is to the west to west-northwest. Groundwater quality data for the NBA plume wells do not indicate significant movement of the plumes, either horizontally or vertically. The property overlying the NBA plume is zoned industrial/commercial by the city of San Bernardino. The projected long-term use for Site 2, which overlies the east plume, is expected to be passive open space or potentially a long-term, open storage area. The projected long-term use for the property over the west plume is industrial/commercial, possibly warehousing. A Record of Decision (ROD) addressing Operable Unit 2 (OU2) was completed in September of 2005.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/01/1980
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:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	04/01/1984
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

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

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/01/1984
Priority Level: Low 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: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 10/15/1984
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: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 07/22/1987
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: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 06/01/1988
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.:

MAP FINDINGS
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Action Code: 001
Action: INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started: 05/05/1987
Date Completed: 06/29/1989
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 INTERAGENCY AGREEMENT
Date Started: 05/05/1987
Date Completed: 06/29/1989
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 REMOVAL
Date Started: 01/04/1991
Date Completed: 04/08/1992
Priority Level: Cleaned up
Operable Unit: SITEWIDE
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: 11/24/1993
Priority Level: Not reported
Operable Unit: CENTRAL BASE AREA
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: 06/29/1989