Appendix H

Hazards and Hazardous Materials

ESA

H-1 Phase I Environmental Site Assessment

Phase I Environmental Site Assessment

March Inland Port Airport (MIPAA) Parcel D2

Parcel D2 South of the SR-215 off-ramp at Van Buren Boulevard

Unincorporated Riverside County, California

May 18, 2016

(Revised October 11, 2016)

Terracon Project No. 60167109

Prepared for:

Hillwood Investment Properties, Inc.
Ontario, California

Prepared by:

Terracon Consultants, Inc.
Irvine, California

terracon.com

Terracon

Environmental ■ Facilities ■ Geotechnical ■ Materials

May 18, 2016
(Revised October 11, 2016)

Hillwood Investment Properties, Inc.
901 Via Piemonte, Suite 175
Ontario, California 91764

Attn: Ms. Kathy Hoffer
P: (909) 382-0033
E: kathy.hoffer@hillwood.com

Re: Phase I Environmental Site Assessment
March Inland Port Airport Authority (MIPAA) Parcel D2
Parcel D2 South of the SR-215 off-ramp at Van Buren Boulevard
Unincorporated Riverside County, California
Terracon Project No. 60167109

Dear Ms. Hoffer:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with Terracon Proposal No. P60197109 date November 19, 2015.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Jennifer S. Van
Senior Staff Scientist

Islam (Sami) R. Noaman, E.I.T.
Environmental Group Manager

Carl A. Parten
Principal / Office Manager II
Attachments

TABLE OF CONTENTS

Page No.

EXECUTIVE SUMMARY i
Findings i
Opinions and Conclusions iii
Significant Data Gaps iii
Recommendations iii
1.0 INTRODUCTION 1
1.1 Site Description 1
1.2 Scope of Services 1
1.3 Standard of Care 1
1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps 2
1.5 Reliance 3
1.6 Client Provided Information 3
2.0 PHYSICAL SETTING 4
3.0 HISTORICAL USE INFORMATION 5
3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps 5
3.2 Site Ownership 6
3.3 Historical City Directories 6
3.4 Title Search 7
3.5 Environmental Liens and Activity and Use Limitations 7
3.6 Interviews Regarding Current and Historical Site Uses 7
3.7 Prior Report Review 8
4.0 RECORDS REVIEW 8
4.1 Federal and State/Tribal Databases 9
4.2 Local Agency Inquiries 13
5.0 SITE RECONNAISSANCE 14
5.1 General Site Information 14
5.2 Overview of Current Site Occupants and Operations 14
5.3 Site Observations 14
6.0 ADJOINING PROPERTY RECONNAISSANCE 17
7.0 ADDITIONAL SERVICES 18
8.0 DECLARATION 18

APPENDICES

APPENDIX A Exhibit 1 - Topographic Map
Exhibit 2 - Site Diagram
APPENDIX B Site Photographs
APPENDIX C Historical Documentation and User Questionnaire
APPENDIX D Environmental Database Information
APPENDIX E Credentials
APPENDIX F Description of Terms and Acronyms

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. P60197109 date November 19, 2015, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Islam (Sami) R. Noaman, Environmental Professional. Islam (Sami) R. Noaman E.I.T. performed the site reconnaissance on March 17, 2016.

Findings

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site is located in western Riverside County within the March Inland Port Airport Authority (MPIAA) redevelopment project, and consists of approximately 155 acres with Assessor Parcel Numbers (APNs) 294-150-009, 294-170-005, 295-300-008, and 294-180038, and identified herein as Parcel D2. The site vicinity is under the jurisdiction of the March Joint Powers Authority (JPA), in an unincorporated Riverside County area, California.

Parcel D2 is located east of SR-215 and south of the March Airfield Museum, and consists of primarily undeveloped land covered with native vegetation, paved service roads, abandoned electrical utilities, monitoring wells and pump stations associated with the Western Municipal Water District (WMWD) 96-inches water line improvement.

Historical Information

Based on a review of the historical information, the site was part of the March AFB established in 1918 and realigned to become a Reserve Base in April 1996. Parcel D2 has primarily consisted of undeveloped land and two underground storage tanks (USTs); one 500-gallon and one 1,000-gallon diesel tanks associated with the Old Aero Club located southeast of the site (refer to Exhibit 2). The two USTs were removed in 1991 and subsequent excavation and disposal of approximately 550 cubic yards (yd^3) of petroleum hydrocarbon-impacted soil were completed in June 1996. A No Further Action Letter (NFA) dated September 12, 1996 was issued by the Santa Ana Regional Water Quality Control Board (SARWQCB) for the two USTs. Therefore, the historical USTs do not represent a recognized environmental condition (REC) to the site.

Records Review

March Air Force Base formerly encompassing the site and surrounding areas was identified in the regulatory databases in the Department of Defense (DOD), national Priority List (NPL), Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Resource Conservation and Recovery Act – Large Quantity Generators (RCRA-LQG), United States Engineering Control (US ENG CONTROLS), United States Institutional Control (US INST CONTROL), Record of Decision (ROD), Potential Responsible PARTY (PRP), facility Index System (FINDS), NY MANIFEST, Enforcement and Compliance History Information (ECHO), The Department of Toxic Substances Control's Site Mitigation and Brownfields Reuse Programs database (ENVIROSTOR), Calsites Database (HIST CAL-Sites), and CA BOND EXP.PLAN databases. Based on a review of information obtained from the United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) online database, March AFB encompasses approximately 7,000-acres in the western portion of Riverside County. Operations at this base included flying and anti-aircraft training base, a tactical bomber and pursuit training base, and as a Strategic Air Command (SAC) bomber and air-to-air refueling operations base. Historical practices including aircraft and building maintenance, fuel storage, fire training exercises, and landfilling and burning of domestic refuse and petroleum hydrocarbon wastes. Waste streams generated at the March AFB included spent degreasers, waste oils and hydraulic fluids, solvents, cleaning compounds, paint strippers and thinners and contaminated jet fuels. Previous Investigations of the March AFB and documentation pertaining to the site are further discussed in Section 3.7 and Section 4.1. Based on the information reviewed, the historical March AFB operations associated with the site do not represent a REC to the site.

Site Reconnaissance

During the site reconnaissance several water pump stations, piezometers, groundwater monitoring wells, approximately 30 yd^3 of stockpiled soil, and approximately 5 yd^3 of construction debris, and abandoned electrical utilities and vaults were observed. The observed water pump stations are reportedly associated with the Western Municipal Water District (WMWD) 96-inches water line project bisecting Parcel D2 in an easterly direction. The onsite groundwater monitoring wells and piezometers are reportedly associated with geotechnical investigation and water quality testing associated with the former March AFB. Indications of RECs were not identified in connection with the site.

Adjoining Properties

The north adjoining properties consist of the March ARB and the March Air Field Museum (22550 Van Buren Blvd.), The east-adjoining property to the site consists of the March ARB runways and undeveloped land. Undeveloped land abuts Parcels D2 to the south followed by Western Way Recycling (6175 Natwar Ln.). The Armed Forces Freeway abuts the site to the west followed by the Riverside National Cemetery (22495 Van Buren Blvd.). RECs were not observed with the adjoining properties.

Opinions and Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 at MIPAA Parcel D2 south of the SR-215 off-ramp at Van Buren Boulevard, Riverside, Riverside County, California, the site. Based on the scope of services, limitations, and conclusions of this assessment RECs were not identified in connection with the site:

Significant Data Gaps

Significant data gaps were not identified in connection with the site.

Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon did not identify RECs associated with the site. As such, no further investigation is warranted at this time.

1.0 INTRODUCTION

1.1 Site Description

Site Name	Hillwood: March Inland Port Airport Authority (MIPAA) Parcel D2
Site Location/Address	The site is located within the MIPAA redevelopment project in unincorporated area of Riverside County, California
Land Area	Approximately 155 acres
Site Improvements	No improvements.

The site location is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A Site Diagram of the site and adjoining properties is included as Exhibits 2 of Appendix A. Acronyms and terms used in this report are described in Appendix F.

1.2 Scope of Services

This Phase I ESA was performed in accordance with Terracon Proposal No. P60197109 date November 19, 2015, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report. ASTM E1527-13 contains a new definition of "migrate/migration," which refers to “the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.” By including this explicit reference to migration in ASTM E1527-13, the standard clarifies that the potential for vapor migration should be addressed as part of a Phase I ESA and was considered by Terracon in evaluation of RECs associated with the site.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the

report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Hillwood Investment Properties, Inc. Use or reliance by any other party is prohibited without the written authorization of Hillwood Investment Properties, Inc. and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and the Professional Services Consulting Agreement dated November 19, 2015. The limitation of liability defined in the agreement is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

1.6 Client Provided Information

Prior to the site visit, Ms. Kathy Hoffer, was asked to provide the following user questionnaire information as described in ASTM E1527-13 Section 6.

Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.	X		
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.	X		
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.	X		

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.	X		
Obvious Indicators of Contamination at the site.	X		

The client did not provide the requested User's information as of the issuance date of the report, which represents a data gap. Terracon assumes the client is evaluating the questionnaire information outside the context of Terracon's Phase I ESA scope of work and report.

2.0 PHYSICAL SETTING

Physical Setting

Physical Setting Information		Source
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 1,500 feet (NGVD)	USGS Topographic Map, Steele Peak Quadrangle, California, Dated 2012
Surface Runoff/ Topographic Gradient	Gently sloping towards the east	
Closest Surface Water	Unnamed creek, located on Parcel 1 east of the site.	
Soil Characteristics		
Soil Type	Exeter sandy loam, Greenfield sandy, Hanford fine sandy loam, Monserate sandy loam, and Ramona sandy loam	Western Riverside County, CA USDA-NRCS Web Soil Survey, Version 2, dated December 9, 2013
Geology/Hydrogeology		
Formation	Quaternary Deposits	Geological Map of California, Dated 2010
Description	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly non-marine, but includes marine deposits near the coast.	
Estimated Depth to First Occurrence of Groundwater	Reported at 33 to 34 feet bgs on Parcel D1 located approximately 1,000 feet east of the site	Fourth Quarter 2001, Long-Term Groundwater Monitoring, prepared by MWH, Inc., dated May 2002.
Hydrogeologic Gradient	Flowing toward the east-southeast	

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify past uses for RECs. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps, selected historical aerial photographs (at approximately 10 to 15 year intervals) and historical fire insurance maps produced by the Sanborn Map Company were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps and aerial photographs are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the site.

- Topographic maps:
  - Riverside, California, published **1901** (1:62,500)
  - Riverside and Perris, California, published **1942** (1:62,500)
  - Steele Peak, Sunnymead, Perris, and Riverside East, California, published **1953** and **1967** (1:24,000)
  - Steele Peak, Sunnymead, and Perris, California, published **1973** (1:24,000)
  - Steele Peak, Sunnymead, and Riverside East, California, published **1979** and **1980** (1:24,000)
  - Steele Peak, Sunnymead, Perris, and Riverside East, California, published **2012** (1:24,000)
- Aerial photographs:
  - USGS, **1938**, **1949**, **1953**, **1961**, **1967**, **1978**, **1985**, and **1994**, 1”=1,000’
  - USDA, **2005**, **2006**, **2009**, **2010**, and **2012**, 1”=500’

Historical Topographic Maps and Aerial Photographs

Direction	Description
Site	Undeveloped land, creek depicted along the northern and eastern portions of the site (1901-1949); the site is depicted within the March Air Force Base (1953); vacant land within the March Air Force Base (1961-2005); apparent mobile building on the northern portion of D2, equipment and container storage along the north, western and southern portions of D2 (2009-2010); equipment and storage containers and mobile building previously located on D2 have been removed (2012).

Direction	Description
North	Undeveloped land (1901-1942); March Air Force Base (1953-1985); developed with the existing March Air Field Museum (1994); additional buildings associated with the museum observed (2002-2012).
East	Undeveloped land (1901-1949); runways, and warehouse-type buildings associated with the March AFB (1953-2012).
South	Undeveloped land (1901-1953); agricultural land south of D2 (1961-1978); grassy vacant land followed by existing commercial buildings (1985-2012).
West	A road (I-215) and railroad followed by undeveloped land west of D2 (1901); developed with Camp Haan (1942); March AFB (1953-1967); March Air Force Base, apparent reservoir to the southwest of D2 (1978-2012).

The historical site and surrounding properties operations associated with the former March AFB is further discussed in Section 3.7.

3.2 Site Ownership

Based on information obtained from historical information interview and title commitment documents provided by the client, the current site owner is March Joint Powers Authority and the United States Air Force.

3.3 Historical City Directories

The Haines Criss-Cross Directory city directories used in this study were made available through EDR (selected years reviewed: 1975 through 2011) and were reviewed at approximate five-year intervals, if readily available. The current street address for the site was identified as Three Parcels South of the SR-215 off-ramp at Van Buren Boulevard.

Historical City Directories

Direction	Description
Site	**895 Baucom Avenue Southeast** – No listings (1975-2011). **3430 Bundy Avenue** – No listings (1975-2011).
North	**895 Baucom Avenue Southeast** – No listings (1975-2011). **3430 Bundy Avenue** – No listings (1975-2011).
East	**24100 Cardinal Avenue** – No listings (1975-2011). **16850 Heacock Street** – No listings (1975-2011).
South	**6175 Natwar Lane** – No listings (1975-2011).
West	**Unaddressed Interstate 215 freeway**

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

Terracon reviewed Title Commitment reports provided by the client. Based on a review of the Republic Title of Texas, Inc. dated December 20, December 23, 2015, the current site owner is March Joint Powers Authority, a California joint powers authority.

3.5 Environmental Liens and Activity and Use Limitations

Environmental lien and activity and use limitation records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.6 Interviews Regarding Current and Historical Site Uses

The following individuals were interviewed regarding the current and historical use of the site.

Interviewees

Interviewer	Interviewee/Phone #	Title	Date/Time
Sami Noaman and Jennifer VAN	Mr. Gary Gosliga / 951-656-7000	Owner Representative	April 21, 2016 / 2:00 PM
Sami Noaman	Philip H. Mook, Jr., P.E. / 919-643-1250 X 100	BRAC Program Management/Western Region	March 17, 2016 / Via email

Subsequent to the site reconnaissance, Terracon interviewed Mr. Gary Gosliga, Airport Director at the MIPAA. According to Mr. Gosliga, the site is identified as Parcel D2, located within the March Joint Powers Authority redevelopment jurisdiction. Mr. Gosliga indicated the site was part of the March AFB which has operated since from 1918 through 1993, when the March AFB was selected to be realigned, and subsequently was converted from an active Base to a Reserve Base in April 1996. The site is part of the March JPA redevelopment project which was created to reuse a surplus of approximately 4,400 acres resulted from the realignment of March AFB. Mr. Gosliga indicated that Parcel D2 was historically equipped with diesel USTs that were reportedly removed in 1991. The historical USTs on Parcel D2 are further discussed in Section 3.7. Mr. Gosliga indicated that he was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site remaining areas.

In addition, Terracon contacted Mr. Philip Mook, Jr. with the United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) by email regarding environmental reports associated with Site FT007. Mr. Mook provided access to online databases with records available to date. These records are further discussed below.

3.7 Prior Report Review

Terracon requested the client provide any previous environmental reports and permits they are aware of for the site. Previous reports were provided by the client to Terracon for review.

Based on a review of on-line information of the United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) database, the March Air Force Base (March AFB) encompasses approximately 7,000-acres. Operations at March AFB included primary flying and anti-aircraft training base, a tactical bomber and pursuit training base, and as a Strategic Air Command (SAC) bomber and air-to-air refueling operations base. Historical practices including aircraft and building maintenance, fuel storage, fire training exercises, and landfilling of domestic refuse and industrial materials potentially contributed to environmental contamination. Hazardous waste streams generated at the March AFB included spent degreasers, waste oils and hydraulic fluids, solvents, cleaning compounds, paint strippers and thinners and contaminated jet fuels.

Final Site Closure Report, Removal of Soil from Tank Cavities at Old Aero Club and Building 1305 Sites, prepared by CKY, Inc., dated December 1996.
According to CKY, Inc. one 500-gallon diesel UST and one 1,000-gallon diesel UST, located on the northeastern portion of the site, were removed from the Old Aero Club Site in 1991. CKY reported soil sampling associated with the tank removal activities showed concentrations of TPH (total petroleum hydrocarbons; 561 ppm) and total recoverable petroleum hydrocarbon (TRPH; 254 ppm). A geophysical survey was completed to locate a tank cavity or cavities. The soil excavation area was approximately 15 feet by 30 feet and between 7 feet (west end) and 17 feet (the east end) deep. A total of approximately 550 yd3; approximately 250 yd3 of soil exhibited a slight chemical odor and approximately 300 yd3 of soil was considered “clean.” Soil samples collected from the excavation did not exhibit concentrations of TPH, VOCs or chlorinated pesticides. The excavation was backfilled and compacted excavated soil, clean import fill and aggregate base.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal and State Databases

Database	Description	Radius (miles)	Listings
Federal			
NPL	Environmental Protection Agency (EPA): National Priority List	1.0	1
NPL (Delisted)	EPA: National Priority List (Delisted)	0.5	0
CERCLIS	EPA: Comprehensive Environmental Response, Compensation, and Liability Information System	0.5	1
CERCLIS/ NFRAP	EPA: CERCLIS/No Further Remedial Action Planned	0.5	0
RCRA CORRACTS/ TSD	EPA: Resource Conservation and Recovery Act (RCRA), Corrective Action Report/Treatment, Storage and Disposal	1.0	0
RCRA Non-CORRACTS/ TSD	EPA: RCRA, Non-Corrective Action Report/Treatment, Storage and Disposal	0.5	0
RCRA Generators	EPA: RCRA – Generator	0.1	4
IC / EC	EPA: Site with Institutional Controls/Engineering Controls Site	Site	1 1
ERNS	United States Coast Guard National Response Center: Emergency Response Notification System	Site	0
State/Tribal			
RESPONSE	Department of Toxic Substances Control (DTSC): State Response Sites	1.0	1
ENVIROSTOR	DTSC: EnviroStor Database	1.0	2
CHMIRS	EPA Office of Emergency Services: California Hazardous Material Incident Report System	Site and adjoining	0
CORTESE	EPA Office of Emergency Services: Hazardous Waste & Substances Sites List	0.1	1

Database	Description	Radius (miles)	Listings
HIST CORTESE	EPA Office of Emergency Services: Historical Hazardous Waste & Substances Sites List	0.1	2
HAZNET	EPA: Facility and Manifest Data	Site and Adjoining	0
SWF / LF (SWIS)	California Department of Resources Recycling and Recovery: Solid Waste Information System	0.5	1
LUST	State Water Resources Control Board (SWRCB): Leaking Underground Storage Tank Database	0.5	36
SWEEPS	SWRCB: Statewide Environmental Evaluation and Planning System	0.25	1
HISTUST	SWRCB: Hazardous Substance Storage Container Database	0.25	50
CA FID UST	EPA: Facility Inventory Database Underground Storage Tank	0.25	1
UST/AST	SWRCB: Active Underground Storage Tank Facilities/EPA Aboveground Petroleum Storage Tank Facilities	0.25 0.25	4 0
SLIC	SWRCB: Spills, Leaks, Investigations and Cleanup Cases	0.25	0
DRYCLEANERS	DTSC: Cleaner Facilities	0.25	0
VCP	DTSC: Voluntary Cleanup Program sites	0.5	0
Brownfields	EPA: Brownfield Sites	0.5	0
SWRCY	California Department of Conservation: Recycler Database	Site	0
NPDES	EPA, National Pollutant Discharge Elimination System	Site	0
FINDS	EPA, Facility Index System/Facility Registry System	Site	0
EDR Hist Auto	EDR Exclusive Historic Gas Stations	0.1	0
EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners	0.1	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities within a 500 foot radius. Facilities are listed in order of proximity to the site. Additional discussion for selected facilities follows the summary table.

Listed Facilities

Facility Name And Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
March Air Force Base	East-Adjoining March AFB sites	DOD, NPL, CERCLIS, RCRA-LQG, US ENG CONTROLS, US INST CONTROL, ROD, PRP, FINDS, NY MANIFEST, ECHO, ENVIROSTOR, HIST CAL-Sites, CA BOND EXP.PLAN	FT007 and OU-1 do not represent a REC to the site, based upon distance and gradient.
Amro Fabricating Corp 17101 Heacock Street	East / Down-gradient	RCRA-LQG	No, discussed below
March AFB Alert Facility Building 1305	4,200 feet / East / Down-gradient	LUST, HISTUST	No, discussed in Section 3.7
US Air Force, March Air Reserve Base – OU-1 – Site 13 Tank Truck Spill	5,000 feet / Northeast/ Down-gradient	LUST	Plume migration from OU1 comingling with OU2 plume originating from various source areas east of the site, do not represent a REC, based upon gradient and distance of the plumes from the site.
US Air Force, March Air Reserve Base – OU-1 – Site 10 Flight	5,400 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1- Site 9 Main Oil/Water Separator	5,400 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – Site 18 Engine Test Cell	3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 – Site 29 Fire P	3,000 feet / Northeast / Down-gradient	LUST	
March Air Reserve Base IRP S34 NW Corner of Fueling Facility	3,400 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1-Site 16, East March Sludge Drying Beds	3,000 feet / Northeast / Down-gradient	LUST	

Facility Name And Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
US Air Force, March Air Reserve Base – OU-1 – Site 14 Liquid	4,000 feet / 3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 – Site 31 Solvent Disposal Area	6,000 feet / 3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 Site 8 Flight	7,000 feet / 3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 – Site 34Pritchard Aircraft Fueling System	7,000 feet / North / Cross-gradient	LUST	
US Air Force, March Air Reserve Base – OU-2-B – Site 36 Building	7,200 feet / Northeast / Down-gradient	LUST	Plume migration from OU1 comingling with OU2 plume originating from various source areas northeast of the site, do not represent a REC, based upon gradient and distance of the plumes from the site.
US Air Force, March Air Reserve Base – OU-2A-Site 11 Bulk Fuel Storage	9,300 feet / Northeast / Down-gradient	LUST	

March Air Force Base

March Air Force Base formerly located on the site and surrounding areas was identified in the regulatory databases as DOD, NPL, CERCLIS, RCRA-LQG, US ENG CONTROLS, US INST CONTROL, ROD, PRP, FINDS, NY MANIFEST, ECHO, ENVIROSTOR, HIST CAL-Sites, CA BOND EXP.PLAN databases. Based on a review of information in the on-line United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) database, the March Air Force Base (March AFB) encompasses approximately 7,000-acres. Operations at this base included primary flying and anti-aircraft training base, a tactical bomber and pursuit training base, and as a Strategic Air Command (SAC) bomber and air-to-air refueling operations base. Historical practices including aircraft and building maintenance, fuel storage, fire training exercises, and landfilling of domestic refuse and industrial materials. Hazardous waste streams generated at the March AFB included spent degreasers, waste oils and hydraulic fluids, solvents, cleaning compounds, paint strippers and thinners and contaminated jet fuels. Previous Investigations of the March AFB and pertinent documentation pertaining to the existing site were

previously discussed in Section 3.7. Based on the information reviewed and discussed in Sections 3.7 and below the historical March AFB operations associated with the OU-1 unit, and including sites FT007 (Fire Department Training Area 1) and FT0015 (Fire Protection Training Area No. 3) do not represent a REC to the site, based upon distance, gradient, and depth to groundwater in the site vicinity.

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed eight facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the site or adjacent properties. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Riverside County Department of Environmental Health / By fax 951-358-5017	According to Ms. Suzanne Cauffiel with the Riverside County Department of Environmental Health, records were not found for the site.
Department of Toxic Substances Control (DTSC) / by pubreqact@dtsc.ca.gov	According to Ms. Jone Bario with the DTSC, records were found for the site. Access to these records was provided to Terracon via the BRAC online databases system and were previously discussed in Section 3.7.
County of Riverside / Department of Building and Safety and Planning	At the issuance of this report, a response had not been received from the Building Permit / Inspection Department.
South Coast Air Quality Management District (SCAQMD) / http://www3.aqmd.gov/webappl/fim/prog/searchresults.aspx by fax 909-396-3330	The South Coast Air Quality Management District online database (FACILITY Information Detail/FIND) was accessed for records associated with the site on May 17, 2016. Multiple records for the March AFB were identified. These records included active permits fueling stations bulk load tank trucks, bulk load and unload stations, associated with the MIPAA. Indications of RECs were not identified from the records review.
Santa Ana Regional Water Quality Control Board (RWQCB) / by e-mail	According to Ms. Mary Edwards with the Santa Ana RWQCB, records were found for 895 Baucom Avenue SE and are discussed in Section 3.7.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Exhibits 2, 2A, and 2B in Appendix A are Site Diagram and Site Detail of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

General Site Information

Site Reconnaissance	
Field Personnel	Islam (Sami) R. Noaman E.I.T.
Reconnaissance Date	March 17, 2016
Weather Conditions	Sunny 70ºF
Site Contact/Title	Mr. Gary Gosliga / Airport Directors

5.2 Overview of Current Site Occupants and Operations

The site is located in western Riverside County within the MPIAA redevelopment project, and consists of approximately 155 acres with Assessor Parcel Numbers (APNs) 294-150-009, 294-170-005, 295-300-008, and 294-180038, and identified herein as Parcel D2. The site vicinity is under the jurisdiction of the March Joint Powers Authority (JPA), in an unincorporated Riverside County area, California.

Parcel D2 is located east of SR-215 and south of the March Airfield Museum, and consists of primarily undeveloped land covered with native vegetation, paved service roads, abandoned electrical utilities, monitoring wells and pump stations associated with the Western Municipal Water District (WMWD) 96-inches water line improvement.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an “X”) are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	

Category	Item or Feature	Observed or Identified
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Vehicle repair or maintenance	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
	Oil, gas or mineral production	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS or SDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/ PCBs	Transformers and/or capacitors	
	Other equipment	

Category	Item or Feature	Observed or Identified
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	X
	Water Pump Stations	X
	Abandoned electrical utilities	X

Releases or Potential Releases

Construction/demolition debris and/or dumped fill dirt

Construction/demolition debris (Photograph No. 2) was observed on the northern portion of Parcel D2 during the site reconnaissance. The amount of debris was approximately five yd^3. Based upon visual observation of surface materials only, this area appeared to consist primarily of soil, concrete, plastics sheet, and trees, and did not appear to be hazardous in nature. This area is accessed by service road and unpaved area from the western portion of Parcel D2. Leakage, spills or other releases from these materials were not observed during the visual reconnaissance. The observed demolition and soil debris does not represent a REC to the site.

Dumped fill dirt was observed northern portion of Parcel D2 (Photograph No. 1) during the site reconnaissance. The amount of dirt was approximately 30 yd^3. Based upon visual surface observations, no materials appeared within this dumped dirt. According to Mr. Gosliga, the dumped fill is associated with excavations of the WMWD 96-inches water pipe project extending from west of the I-215 Freeway across Parcel D2. This area is accessed by asphalt-paved service road on the western portion of Parcel D2. Notable odors were not apparent from this area at the time of the site reconnaissance.

Other Notable Site Features

Wells

Three groundwater monitoring wells including one piezometers (Cone Penetrating Testing) used for geotechnical investigation, one groundwater monitoring well associated with WMWD, and the third is associated with 499 monitoring wells located east of SR-215, part of the March AFB groundwater monitoring network, were observed on Parcel D2 (Photographs No. 8 and 13). Based on a review of client-provided information, the observed wells on Parcel D2 do not represent a REC to the site.

Water Pump Stations

During the site reconnaissance, six water pump stations (Photographs 3, 4, and 5) were observed on the northern, southern, and western portions of Parcel D2. According to Mr. Gosliga, these stations are part of the 96-inches water main installed across the site in approximately 2013, part of the Perris valley pipeline, located along the western portion of parcel D2. Based on the site observations, the observed pump stations do not represent a REC to the site.

Abandoned electrical utilities

During the site reconnaissance, abandoned electrical utilities and a utility vault (photographs 9, 10, 11, and 12) were observed on northeastern portion of Parcel D2. According to Mr. Gosliga, these utilities are associated with the Old Aero Club USTs removed in 1991. As discussed in Section 3.7, the former USTs do not represent a REC to the site.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	The north adjoining properties consist of the March ARB and the March Air Field Museum (22550 Van Buren Blvd.).
East	The east-adjoining property to the site consists of the March ARB runways and undeveloped land.
South	Undeveloped land abuts Parcels D2 to the south followed by Western Way Recycling (6175 Natwar Ln.)
West	The Armed Forces Freeway abuts the site to the west followed by the Riverside National Cemetery (22495 Van Buren Blvd.). RECs were or were not observed with the adjoining properties.

RECs *were not* observed with the adjoining properties.

7.0 ADDITIONAL SERVICES

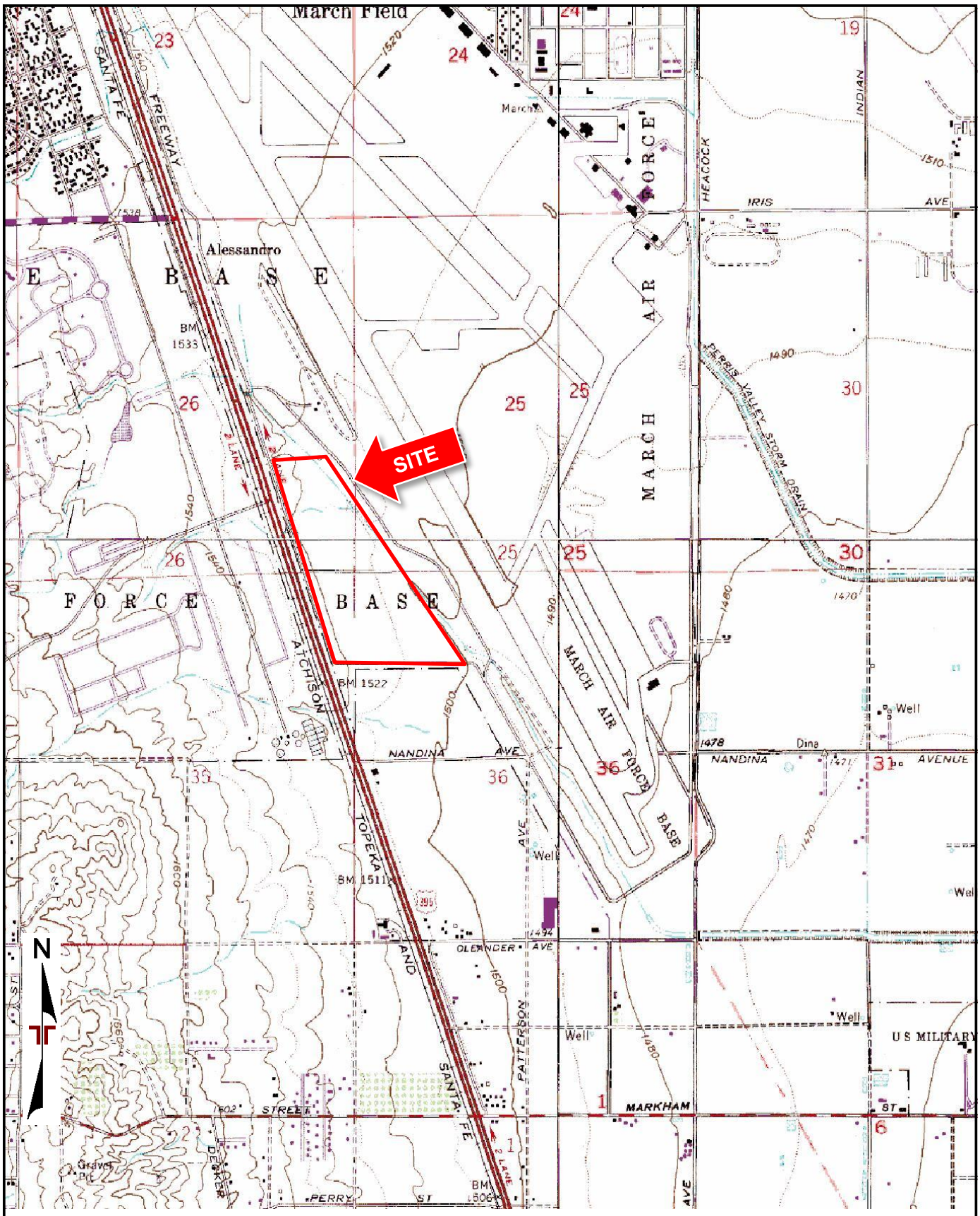
Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

8.0 DECLARATION

I, Islam (Sami) R. Noaman, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Islam (Sami) R. Noaman, E.I.T.
Environmental Group Manager
Environmental Professional

APPENDIX A
EXHIBIT 1 – TOPOGRAPHIC MAP
EXHIBIT 2 – SITE DIAGRAM



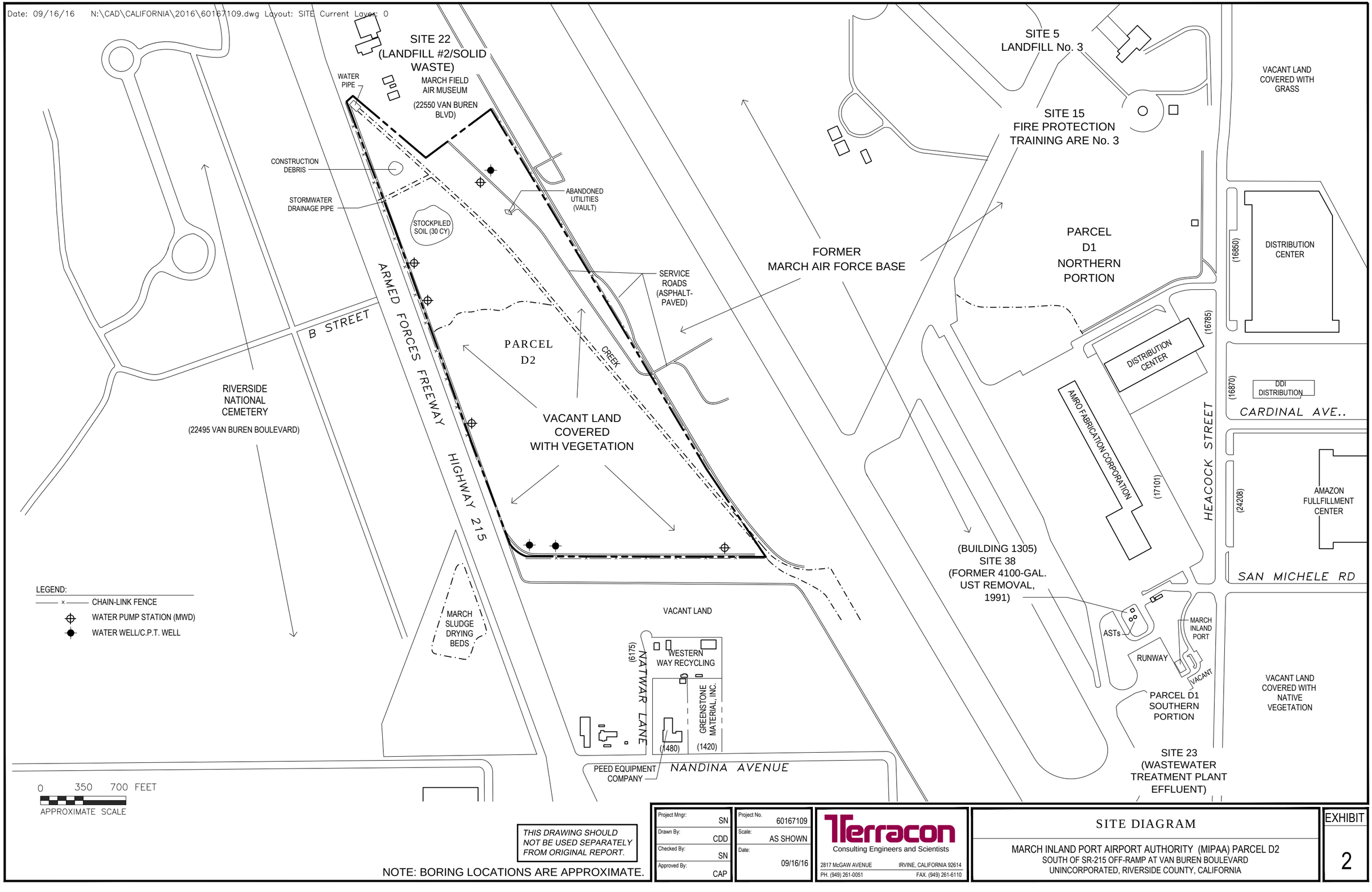
TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
QUADRANGLES INCLUDE: RIVERSIDE EAST, CA (1/1/1980), SUNNYMEAD, CA (1/1/1980), STEELE PEAK, CA (1/1/1978) and PERRIS, CA (1/1/1979).

Project Manager: IRN	Project No. 60167109	Terracon 2817 McGaw Avenue Irvine, CA 92614-5835	TOPOGRAPHIC MAP March Inland Port Airport (MIPAA) Parcel D2 SR-215 AND VAN BUREN BOULEVARD RIVERSIDE, RIVERSIDE COUNTY, CALIFORNIA
Drawn by: CLD	Scale: 1"=2,000'		
Checked by: IRN	File Name: N/A		
Approved by: CAP	Date: SEP 2016		

Exhibit

1

Date: 09/16/16 N:\CAD\CALIFORNIA\2016\60167109.dwg Layout: SITE Current Layer: 0



THIS DRAWING SHOULD NOT BE USED SEPARATELY FROM ORIGINAL REPORT.

NOTE: BORING LOCATIONS ARE APPROXIMATE.

Project Mngr:	SN
Drawn By:	CDD
Checked By:	SN
Approved By:	CAP
Project No.	60167109
Scale:	AS SHOWN
Date:	09/16/16

Terracon
Consulting Engineers and Scientists
2817 McGAW AVENUE IRVINE, CALIFORNIA 92614
PH. (949) 261-0051 FAX. (949) 261-6110

SITE DIAGRAM

MARCH INLAND PORT AIRPORT AUTHORITY (MIPAA) PARCEL D2
SOUTH OF SR-215 OFF-RAMP AT VAN BUREN BOULEVARD
UNINCORPORATED, RIVERSIDE COUNTY, CALIFORNIA

EXHIBIT 2

APPENDIX B
SITE PHOTOGRAPHS

Photo #1 View of stockpiled soils associated with excavations of the WMWD 96" water line extending from west side of the I-215 Freeway across Parcel D2.

Photo #2 View of construction debris located on the northern portion of Parcel D2.

Photo #3 View of stormwater pump station associated Perris Valley Pipeline, located along the western portion of Parcel D2.

Photo #4 Additional view of the pump station system at Parcel D2.

Photo #5 View of Parcel D2 looking west.

Photo #6 View of 96-inches water line WMWD improvement located on the northern portion of parcel D2.

Photo #7 View of stormwater drainage system located on the northeastern portion of Parcel D2.

Photo #8 View of monitoring well located on the northeastern portion of Parcel D2.

Photo #9 View of electrical utilities associated with utilities and electrical

Photo #10 View of abandoned utility vault located on the eastern portion of Parcel D2.

Photo #11 Additional view of abandoned utility pads looking west on Parcel D2.

Photo #12 Additional view of abandoned utilities on the eastern portion of Parcel D2.

Photo #13 View of CPT well located on the southern portion of Parcel D2.

Photo #14 Typical view of the northern portion of Parcel D2 looking west.

Photo #15 View of creek located on the central-north portion of Parcel D2.

Photo #16 Typical view of Parcel D2 looking south.

Photo #17 View of drainage pipes located along the northern boundary of Parcel D2.

Photo #18 View of service road along the western portion of Parcel D2 looking south.

Photo #19 View of service road along the western portion of Parcel D2 looking north.

Photo #20 Typical view of Parcel D2 looking east.

Photo #21 Additional view of Parcel D2 looking east.

Photo #22 View of service road along the eastern portion of Parcel D2 looking north.

Photo #23 View of service road along the eastern portion of Parcel D2 looking south.

Photo #24 View of ravine running across the central-east portion of Parcel D2.

Photo #25 View of Parcel D2 looking southwest.

Photo #26 View of service road extending east of Parcel D2.

Photo #27 Additional view of Parcel D2 looking south.

Photo #28 Additional view of Parcel D2 standing on the southern portion, looking north.

Photo #29 View of the southern portion of Parcel D2 looking east.

Photo #30 View of the southern portion of Parcel D2 looking west.

APPENDIX C
HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE

Van Buren Boulevard/215

Van Buren Boulevard/215

March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.4

March 09, 2016

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/09/16

Site Name:
Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 925
EDR Inquiry # 4559570.4

Client Name:
Terracon
2817 McGraw Ave
Irvine, CA 92606
Contact: Jennifer Van

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Site Name:	Van Buren Boulevard/215
Address:	Van Buren Boulevard/215
City,State,Zip:	March Air Reserve Ba, CA 925
P.O.#	NA
Project:	60167109

Coordinates:

Latitude:	33.874288 33° 52' 27" North
Longitude:	-117.255402 -117° 15' 19" West
UTM Zone:	Zone 11 North
UTM X Meters:	476379.46
UTM Y Meters:	3748246.77
Elevation:	1502.31' above sea level

Maps Provided:

2012
1979, 1980
1973
1967
1953
1942
1901

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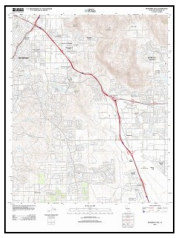
Topo Sheet Thumbnails

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Riverside East
2012
7.5-minute, 24000

Perris
2012
7.5-minute, 24000

Steele Peak
2012
7.5-minute, 24000

Sunnymead
2012
7.5-minute, 24000

1979, 1980 Source Sheets

Perris
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7.5-minute, 24000
Photo Revised 1979
Aerial Photo Revised 1978

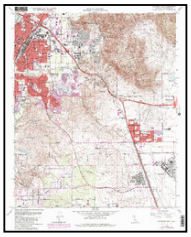

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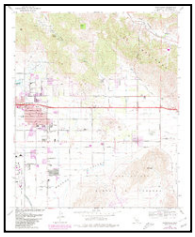
Photo Revised 1980
Aerial Photo Revised 1978



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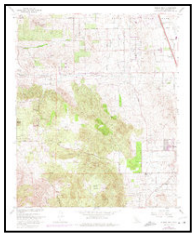
1973 Source Sheets



Steele Peak
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Photo Revised 1973
Aerial Photo Revised 1973

Perris
1973
7.5-minute, 24000
Photo Revised 1973
Aerial Photo Revised 1973

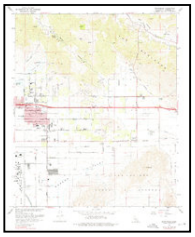

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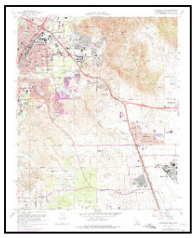
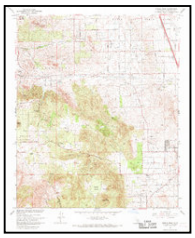
Photo Inspected 1973
Aerial Photo Revised 1973

1967 Source Sheets



Riverside East
1967
7.5-minute, 24000
Aerial Photo Revised 1966



Steele Peak
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7.5-minute, 24000
Aerial Photo Revised 1966

Sunnymead
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7.5-minute, 24000
Aerial Photo Revised 1966

Perris
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Thumbnails

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1953 Source Sheets

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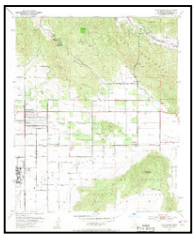
Aerial Photo Revised 1951



Sunnymead
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Aerial Photo Revised 1951

Steele Peak
1953
7.5-minute, 24000
Aerial Photo Revised 1951

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Aerial Photo Revised 1951

1942 Source Sheets

Perris
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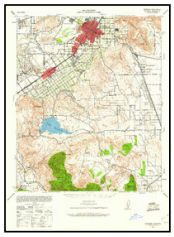
Aerial Photo Revised 1939



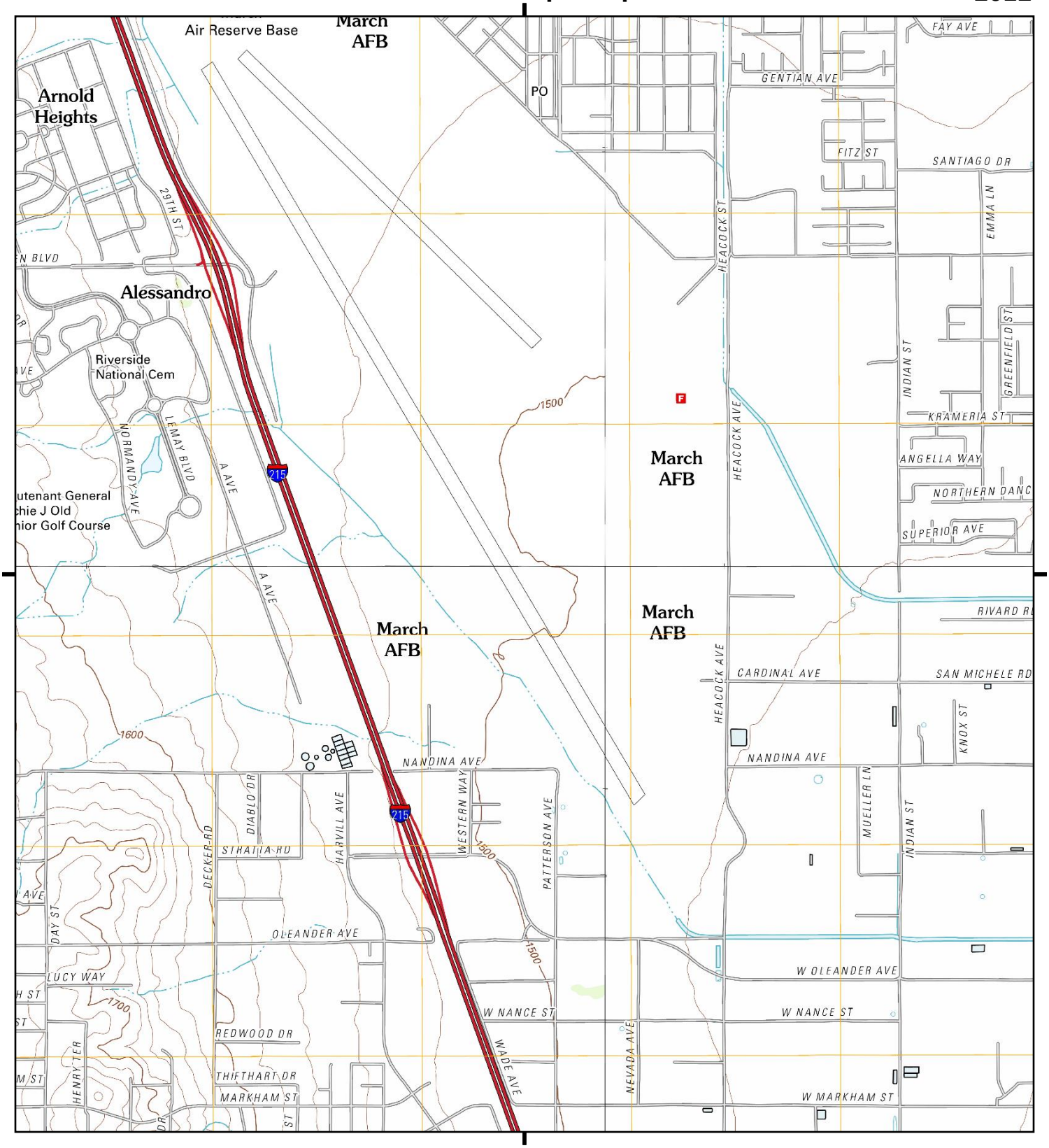
Riverside
1942
15-minute, 62500
Aerial Photo Revised 1939

1901 Source Sheets

Riverside
1901
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Steele Peak, 2012, 7.5-minute

NE, Sunnymead, 2012, 7.5-minute

SE, Perris, 2012, 7.5-minute

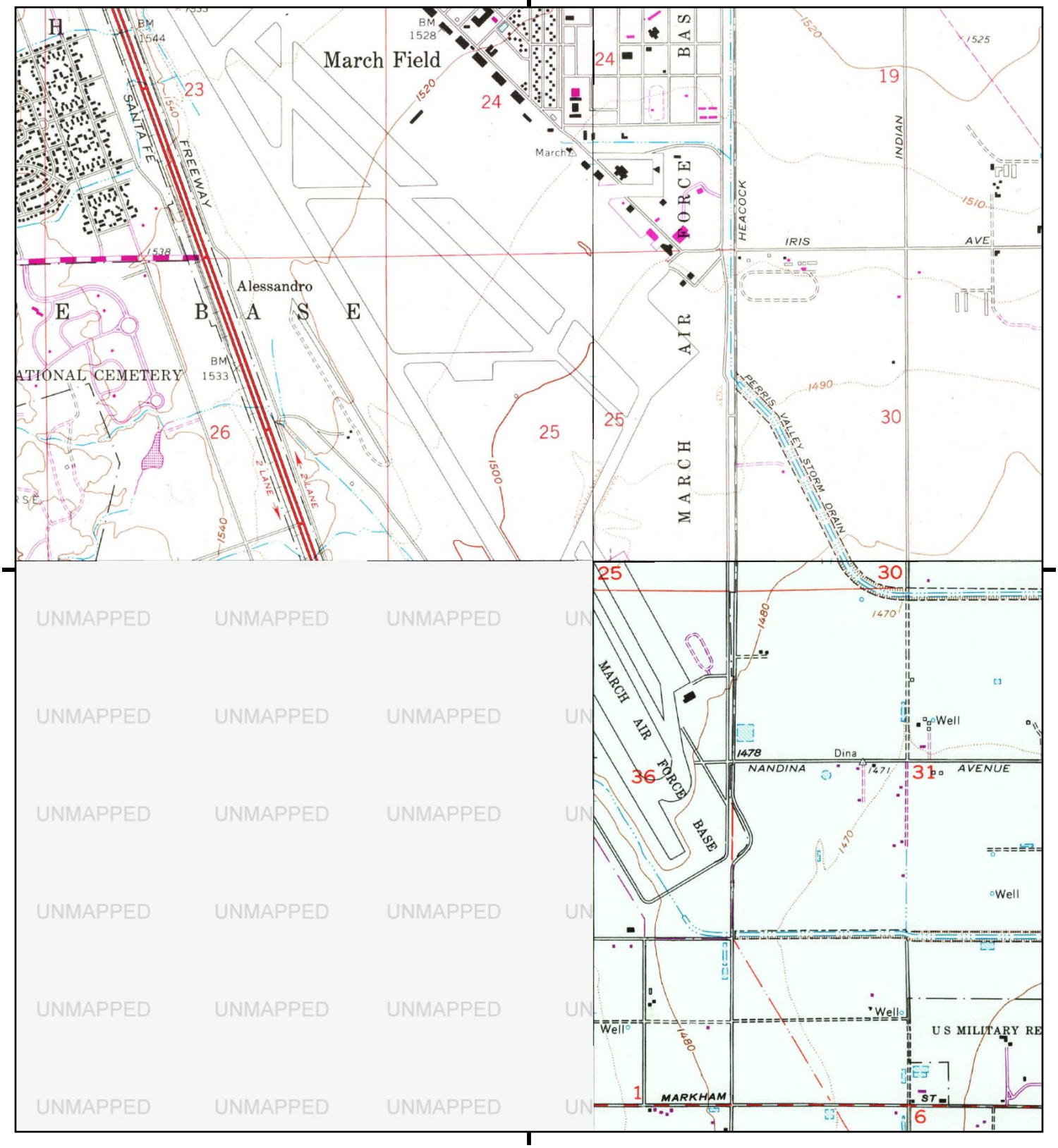
NW, Riverside East, 2012, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1979, 1980



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NE, Sunnymead, 1980, 7.5-minute

SE, Perris, 1979, 7.5-minute

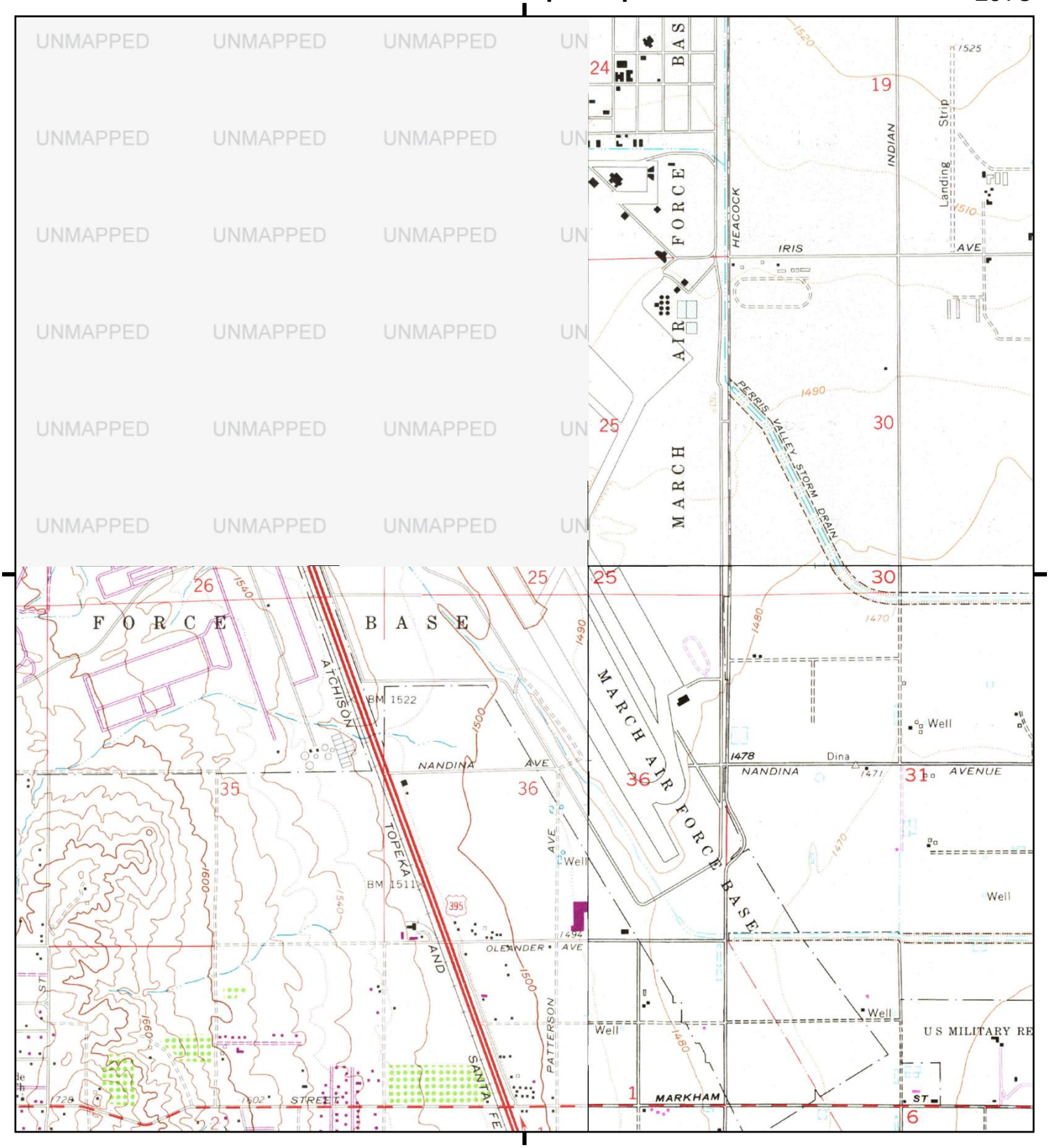
NW, Riverside East, 1980, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Steele Peak, 1973, 7.5-minute

NE, Sunnymead, 1973, 7.5-minute

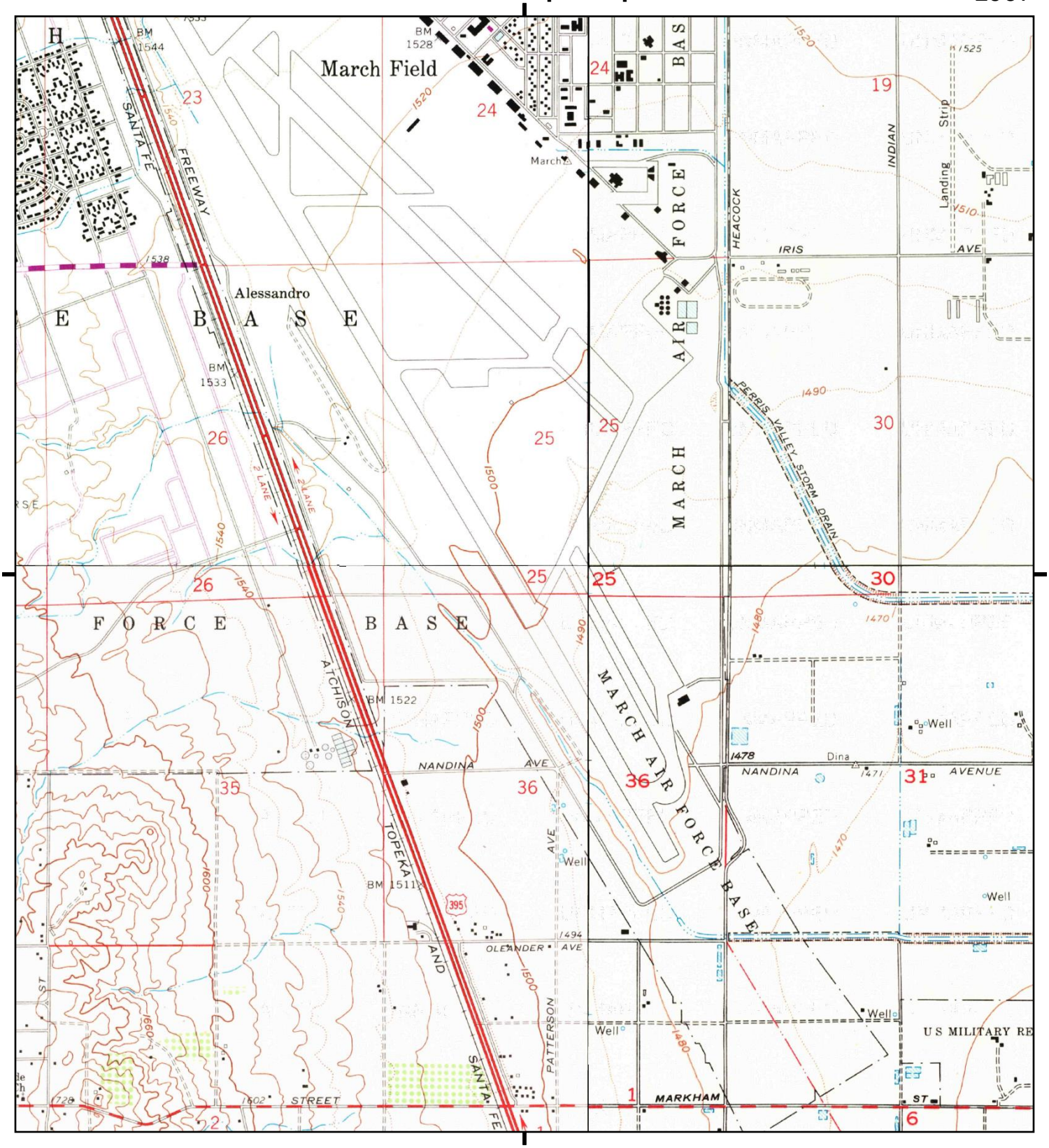
SE, Perris, 1973, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1967



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W E
SW S SE

TP, Steele Peak, 1967, 7.5-minute

NE, Sunnymead, 1967, 7.5-minute

SE, Perris, 1967, 7.5-minute

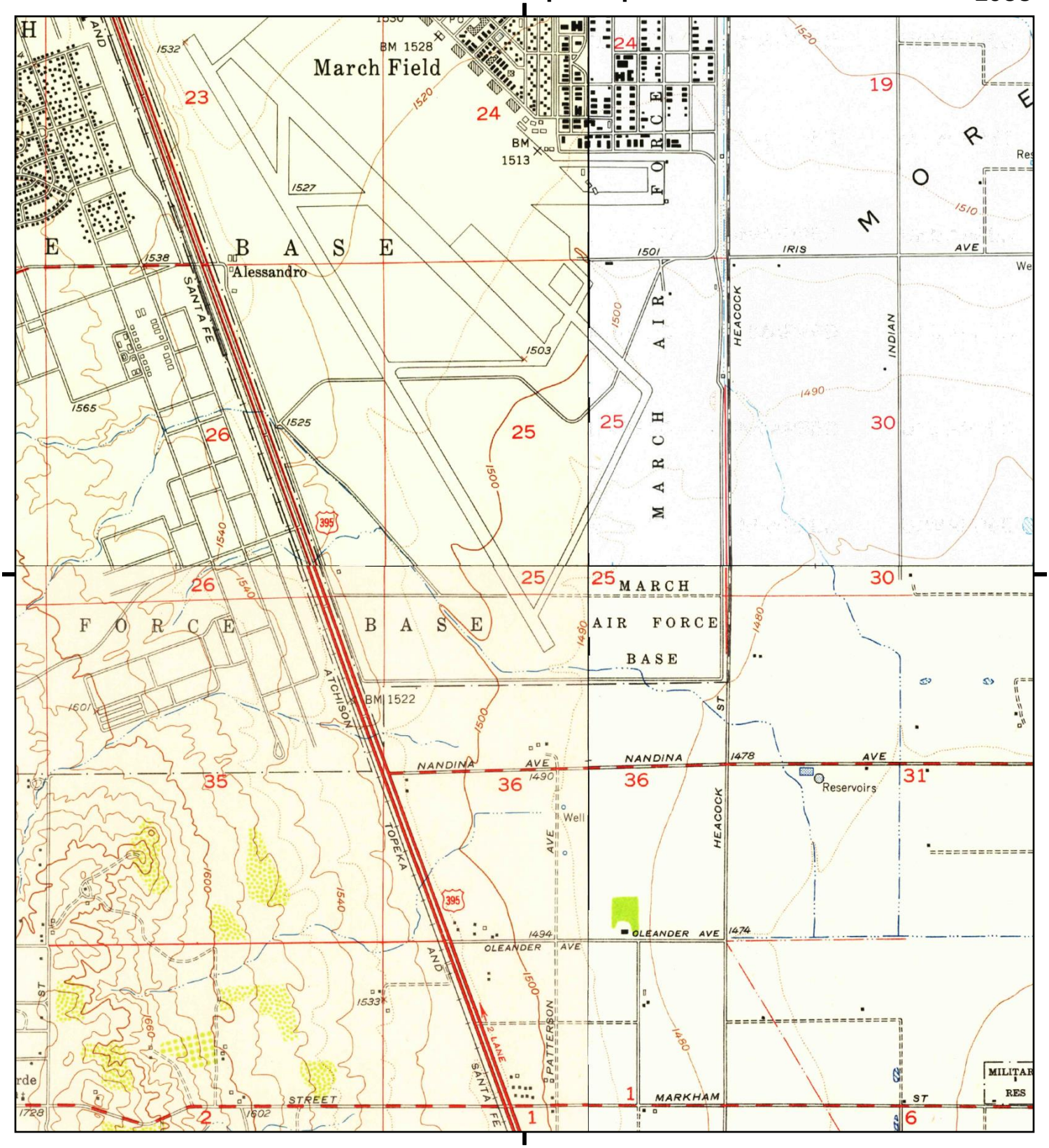
NW, Riverside East, 1967, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1953



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NW N NE
W E
SW S SE

TP, Steele Peak, 1953, 7.5-minute

NE, Sunnymead, 1953, 7.5-minute

SE, Perris, 1953, 7.5-minute

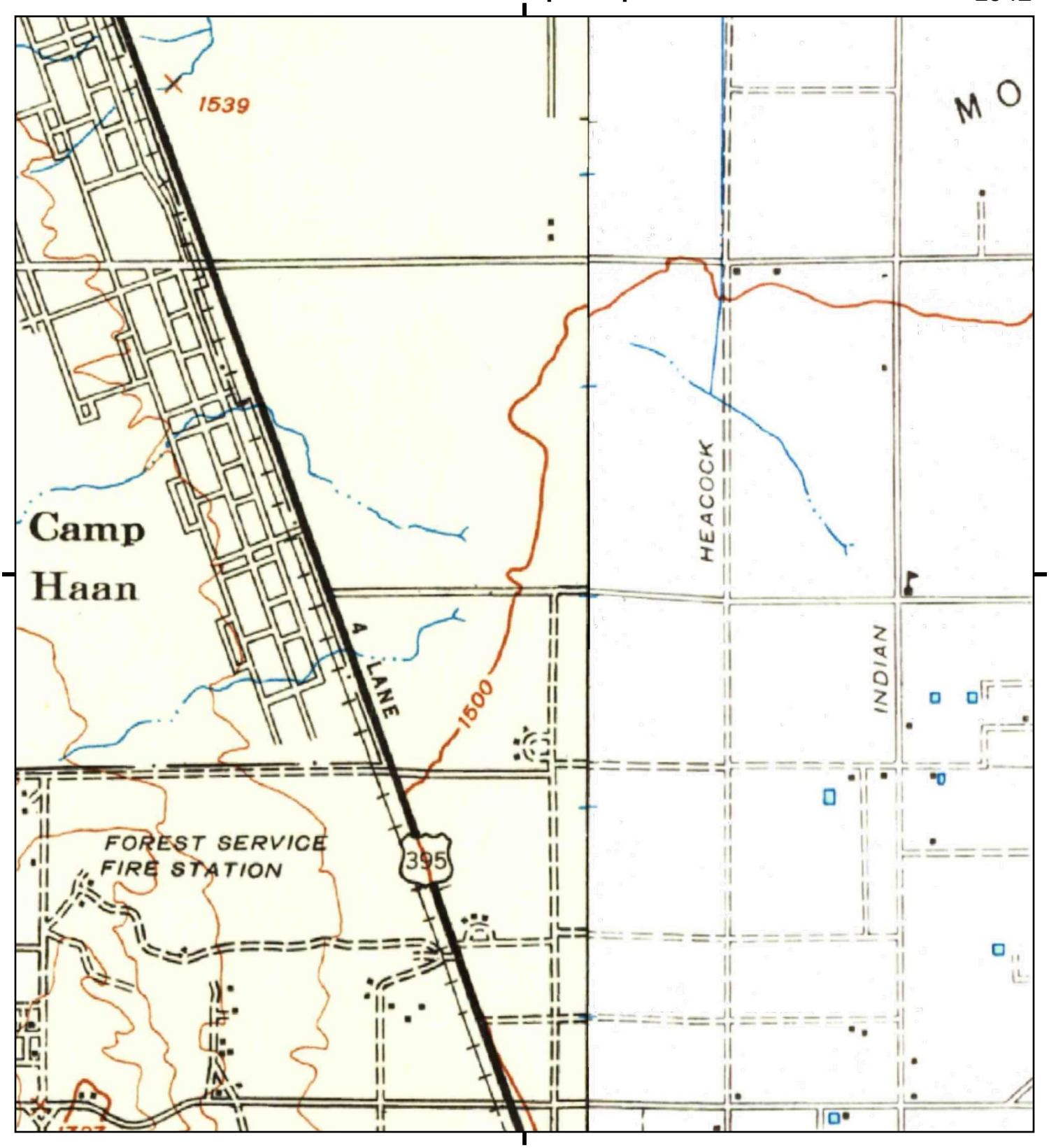
NW, Riverside East, 1953, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Riverside, 1942, 15-minute

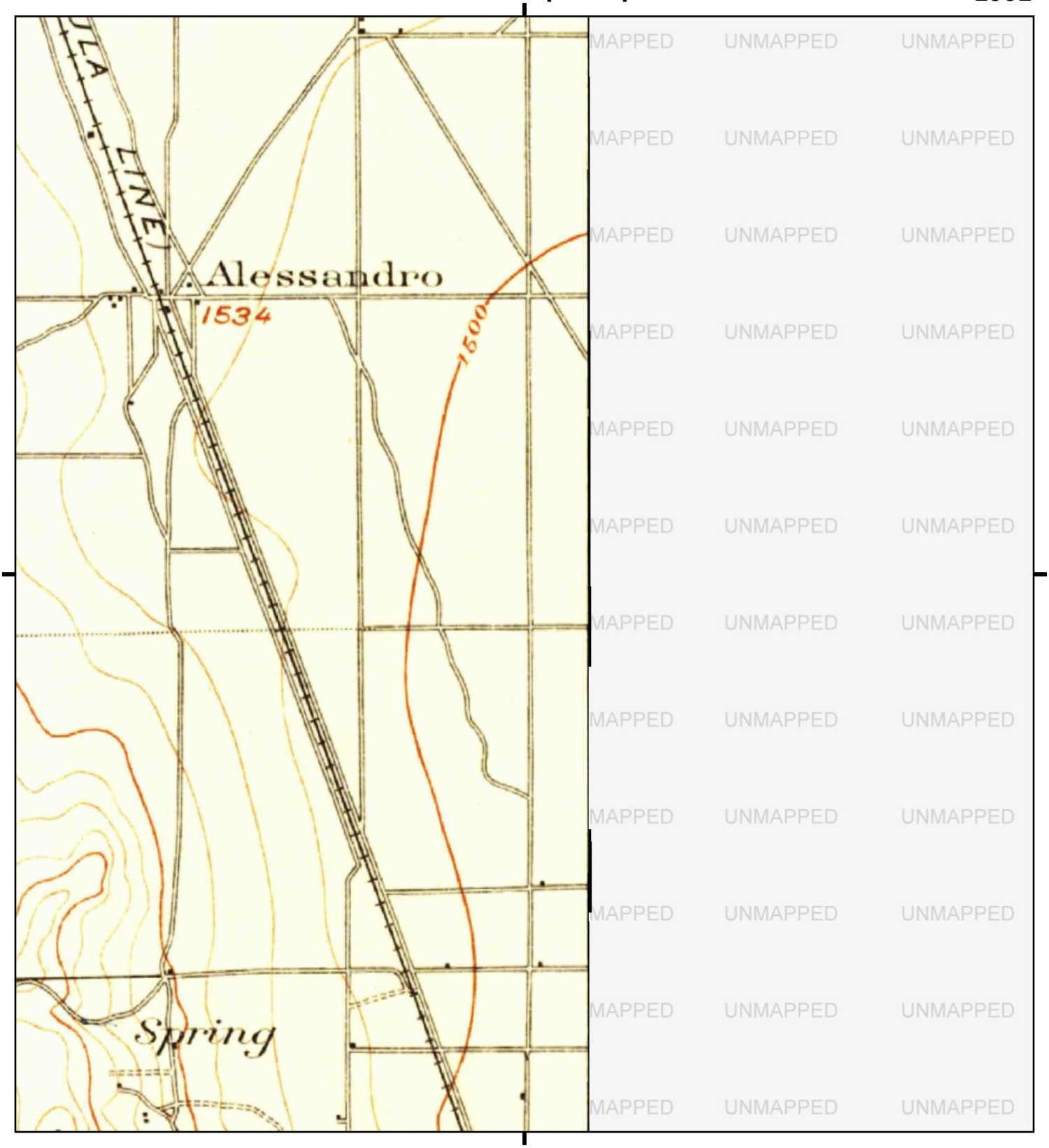
E, Perris, 1942, 15-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1901



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Riverside, 1901, 15-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Van Buren Boulevard/215

Van Buren Boulevard/215

March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.9

March 15, 2016

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

03/15/16

Site Name:

Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 925
EDR Inquiry # 4559570.9

Client Name:

Terracon
2817 McGraw Ave
Irvine, CA 92606
Contact: Jennifer Van

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Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June, 01 1994	USGS/DOQQ
1985	1"=1000'	Flight Date: January, 01 1985	USGS
1978	1"=1000'	Flight Date: January, 01 1978	USGS
1967	1"=1000'	Flight Date: January, 01 1967	USGS
1961	1"=1000'	Flight Date: January, 01 1961	USGS
1953	1"=1000'	Flight Date: January, 01 1953	USGS
1949	1"=1000'	Flight Date: January, 01 1949	USGS
1938	1"=1000'	Flight Date: January, 01 1938	USGS

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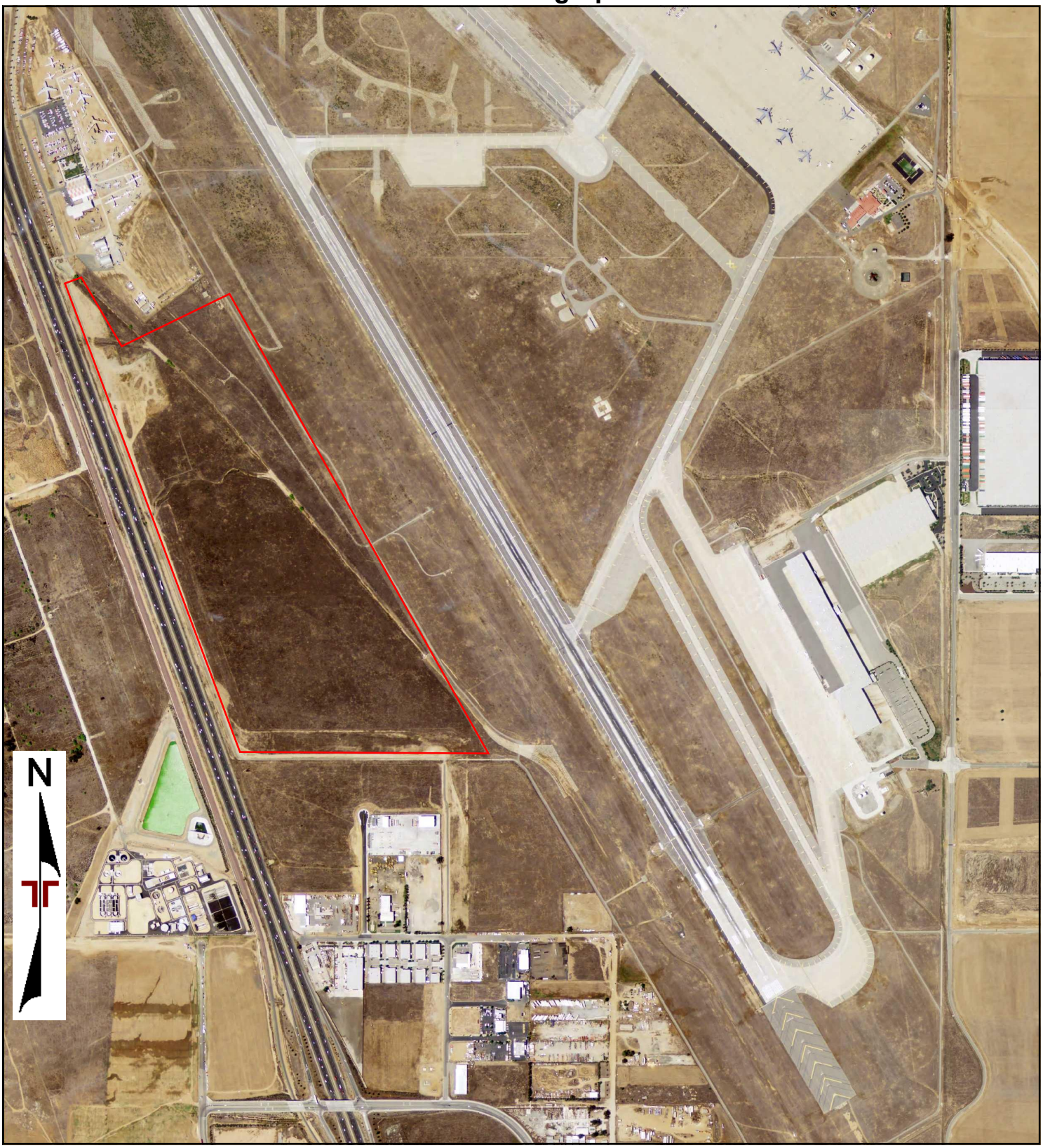


0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2012

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2012 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2010

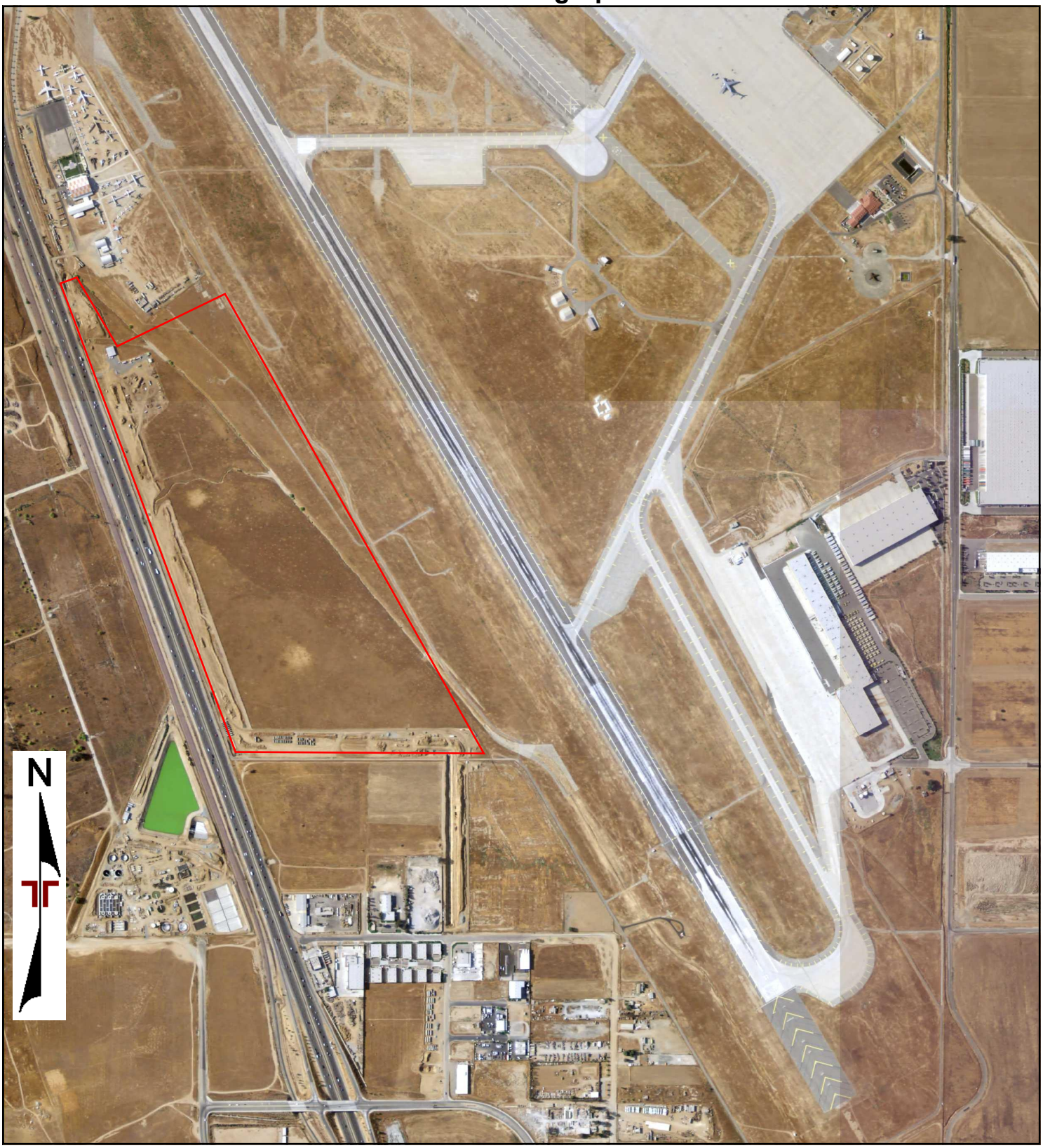
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2010 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=500'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 2009

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2009 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2005

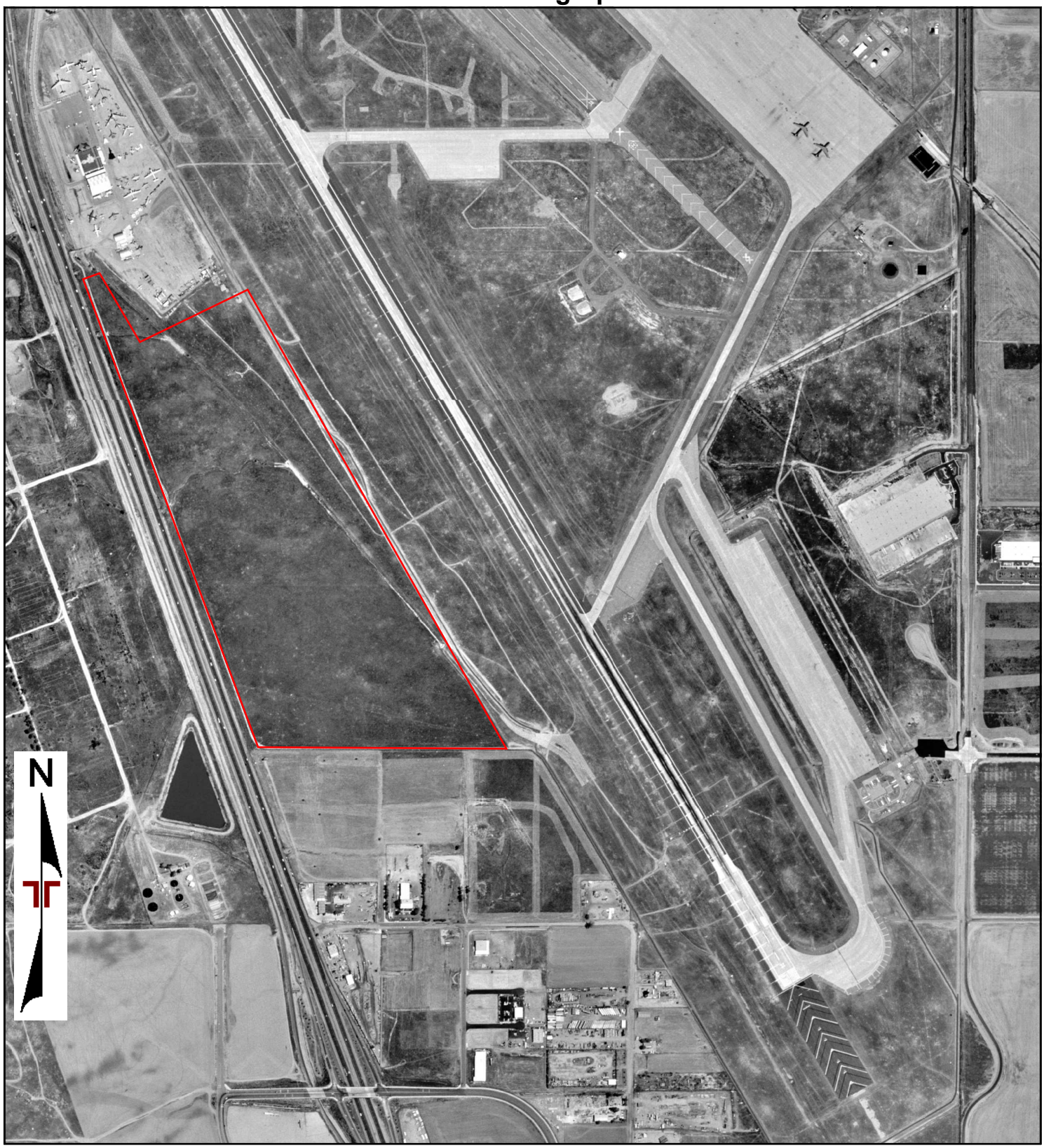
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2005 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2002

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2002 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=500'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 1994

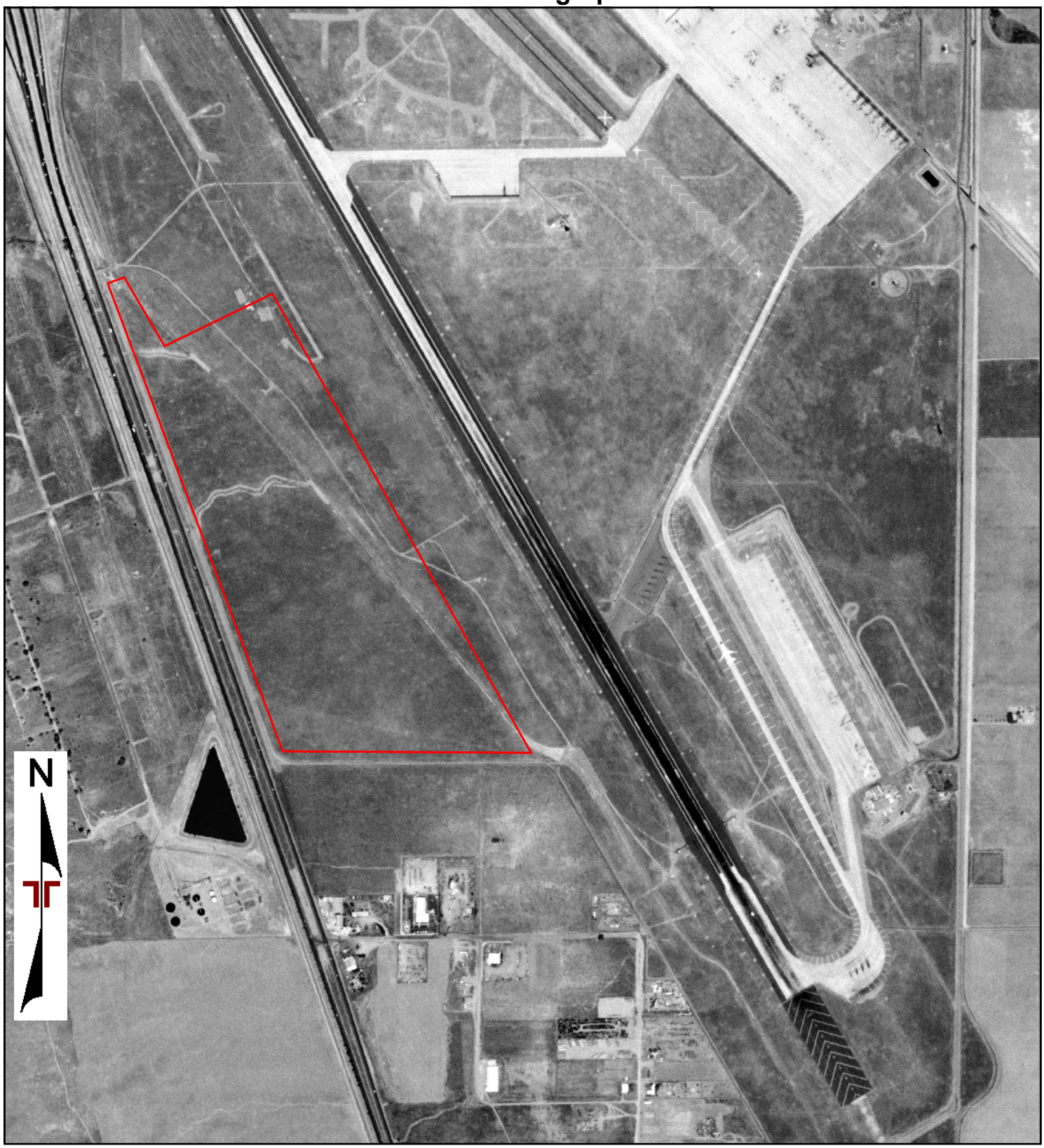
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1994 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1985

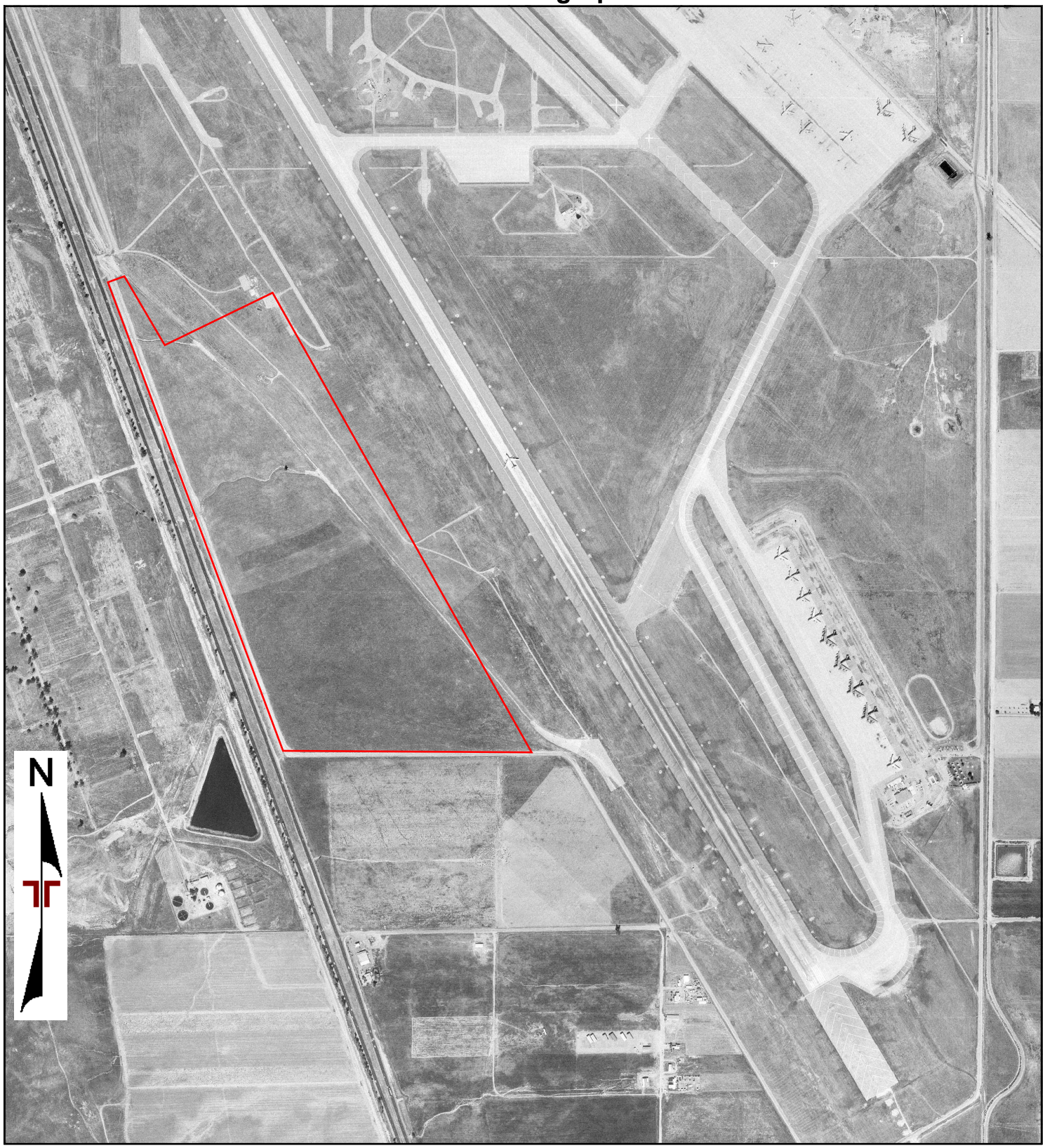
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1985 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1978

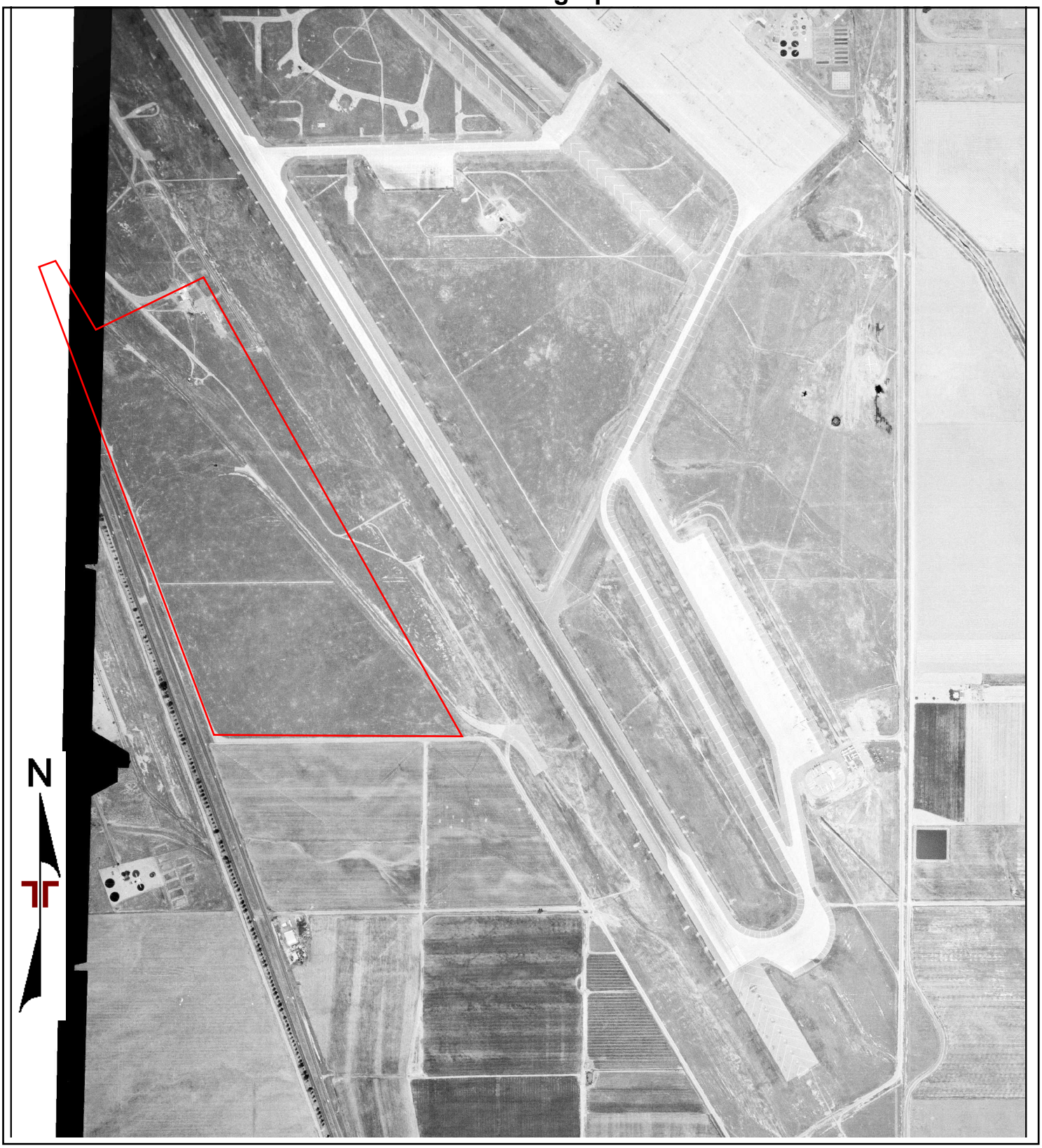
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1978 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=1000'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 1967

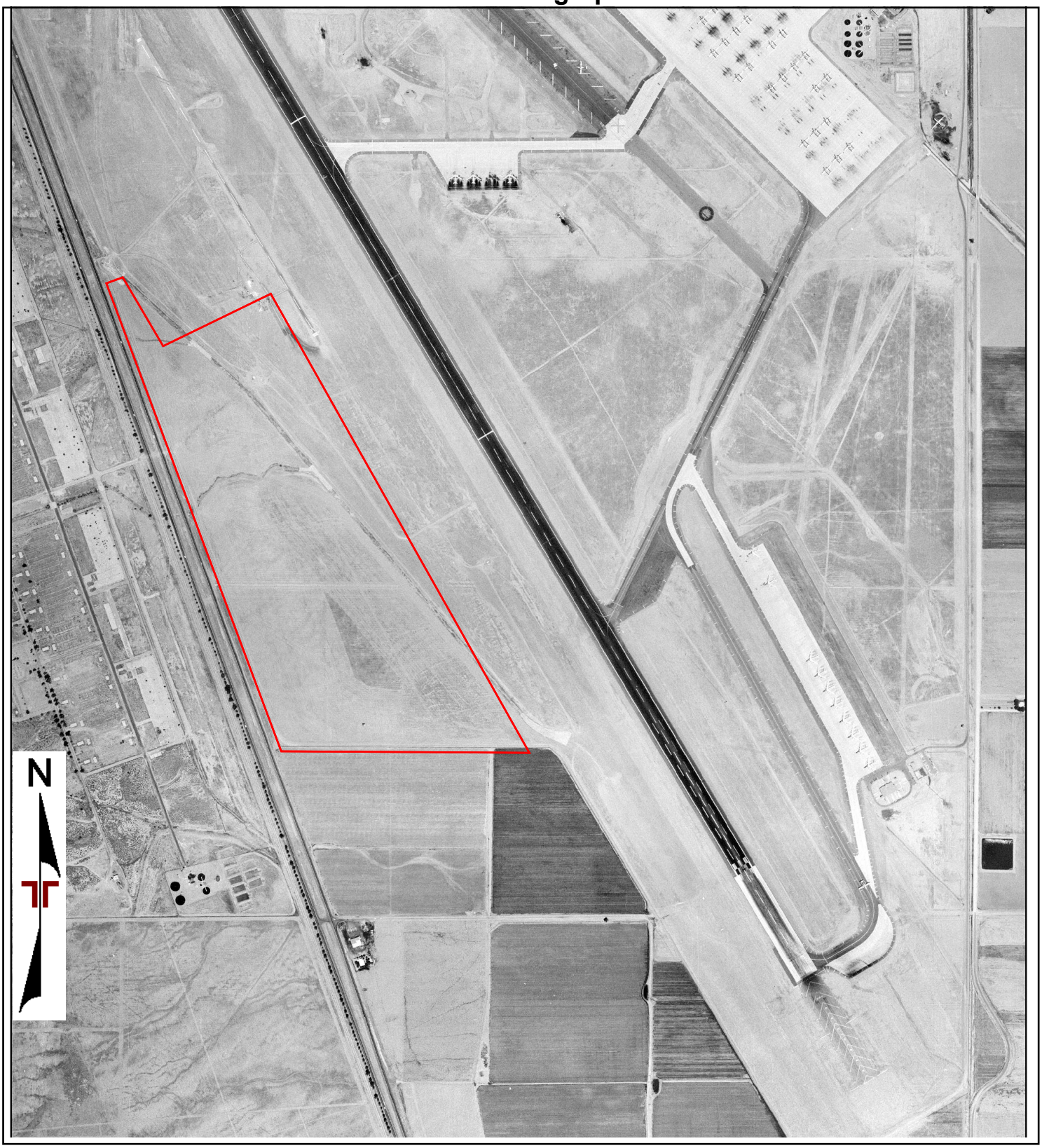
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1967 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

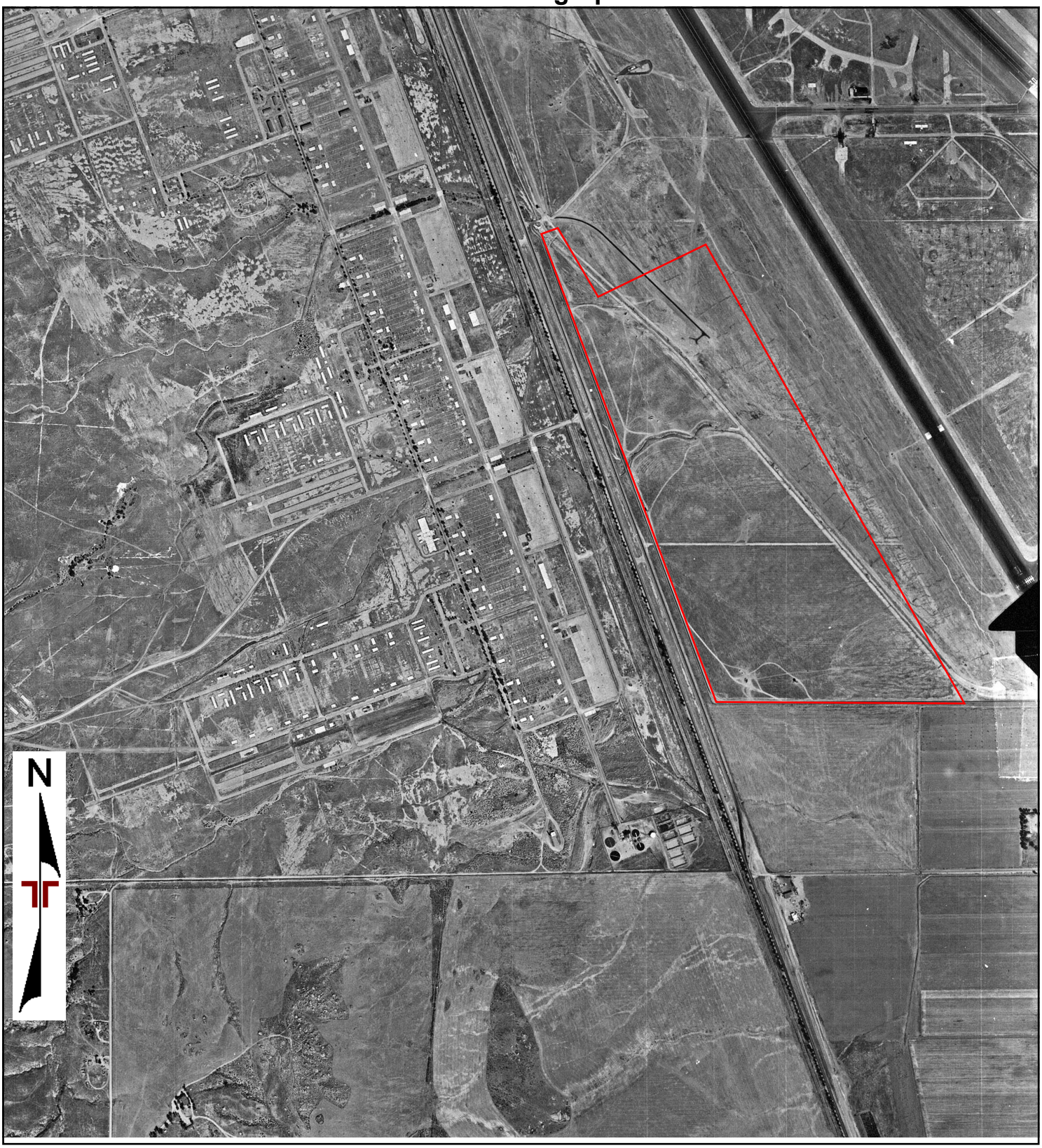
Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=1000'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 1961

Terracon
2817 MCGAW AVENUE
IRVINE, CA 92614

1961 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1953

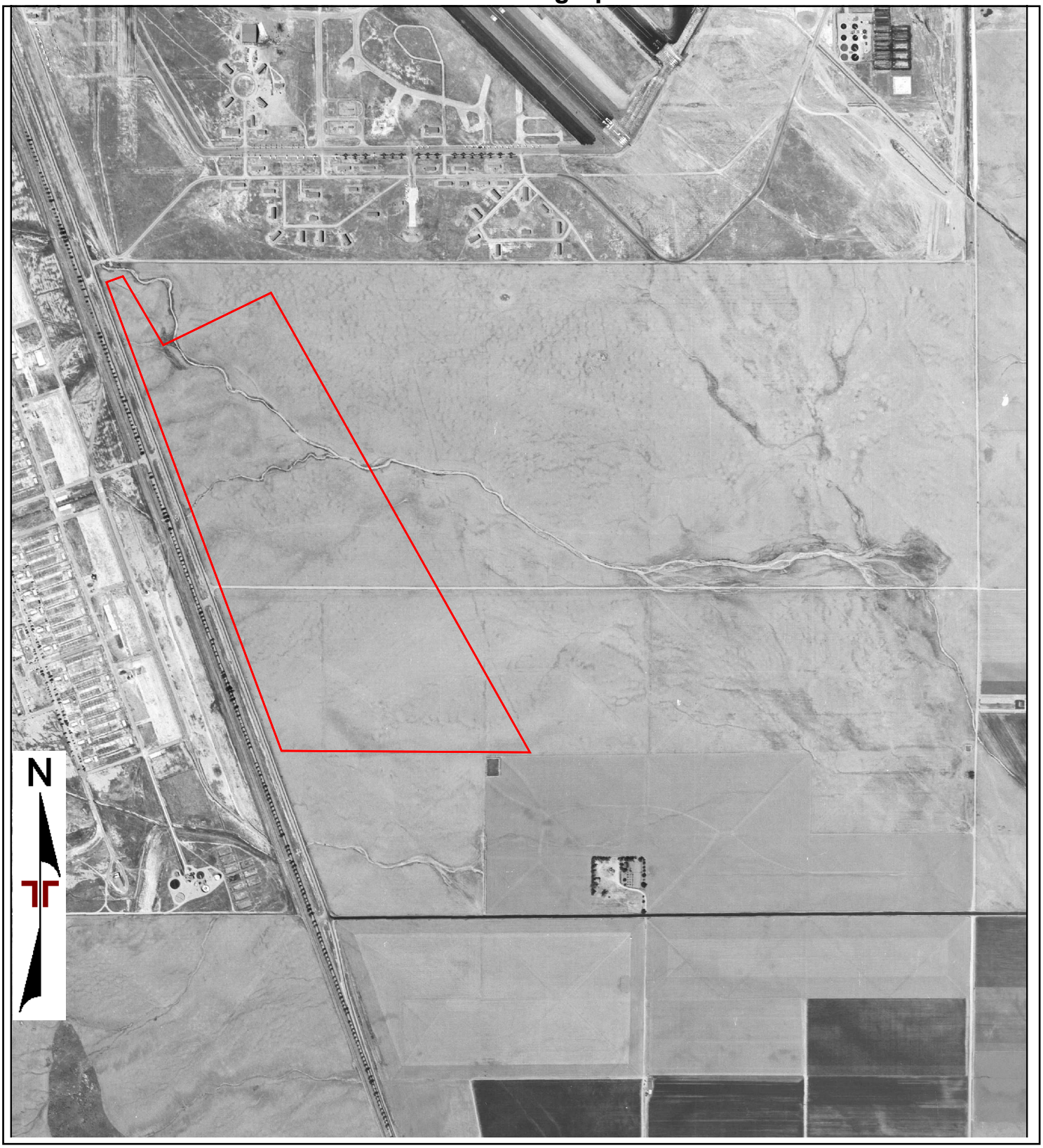
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1953 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1949

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1949 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1938

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1938 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.3
March 09, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/09/16

Site Name:
Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA

Client Name:
Terracon
2817 McGraw Ave
Irvine, CA 92606

EDR Inquiry # 4559570.3

Contact: Jennifer Van

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Van Buren Boulevard/215
Address: Van Buren Boulevard/215
City, State, Zip: March Air Reserve Ba, CA 92518
Cross Street:
P.O. # NA
Project: 60167109
Certification # 2C8F-4CEC-8157

UNMAPPED PROPERTY

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

Sanborn® Library search results
Certification # 2C8F-4CEC-8157

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.5
March 14, 2016

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2011	Haines Criss-Cross Directory	X	X	X	-
2005	Haines Criss-Cross Directory	X	X	X	-
2000	Haines Criss-Cross Directory	X	-	X	-
1995	Haines Criss-Cross Directory	X	-	X	-
1990	Haines Criss-Cross Directory	X	-	X	-
1985	Haines Criss-Cross Directory	X	-	X	-
1980	Haines Criss-Cross Directory	X	-	X	-
1975	Haines Criss-Cross Directory	X	-	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
24100 Cardinal Avenue	Client Entered	
16850 Heacock Street	Client Entered	
16875 Heacock Street	Client Entered	X
17101 Heacock Street	Client Entered	
24208 San Michele Road	Client Entered	
895 Southeast Baucom Avenue	Client Entered	
22495 Van Buren Boulevard	Client Entered	X
22550 Van Buren Boulevard	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

FINDINGS DETAIL

Target Property research detail.

Van Buren Boulevard

Van Buren Boulevard

Year	*Uses*	*Source*
2011	NA	Haines Criss-Cross Directory
2005	NA	Haines Criss-Cross Directory
2000	NA	Haines Criss-Cross Directory
1995	NA	Haines Criss-Cross Directory
1990	NA	Haines Criss-Cross Directory
1985	NA	Haines Criss-Cross Directory
1980	NA	Haines Criss-Cross Directory
1975	NA	Haines Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Heacock Street

16875 Heacock Street

Year	*Uses*	*Source*
2011	Ryder Truck Rental	Haines Criss-Cross Directory

Van Buren Boulevard

22495 Van Buren Boulevard

Year	*Uses*	*Source*
2011	US Riverside National Cemetery	Haines Criss-Cross Directory
2005	US VA Affairs	Haines Criss-Cross Directory
	US VA Cemetery	Haines Criss-Cross Directory

22550 Van Buren Boulevard

Year	*Uses*	*Source*
2011	No Return	Haines Criss-Cross Directory
2005	No Return	Haines Criss-Cross Directory

FINDINGS

STREET NOT IDENTIFIED IN RESEARCH SOURCE

The following Streets were researched for this report, and the Streets were not identified in the research source.

Street Researched	Street Not Identified in Research Source
Cardinal Avenue	2011, 2005, 2000, 1995, 1990, 1985, 1980, 1975
Heacock Street	2005, 2000, 1995, 1990, 1985, 1980, 1975
San Michele Road	2011, 2005, 2000, 1995, 1990, 1985, 1980, 1975
Southeast Baucom Avenue	1990, 1985, 1980, 1975
Van Buren Boulevard	2000, 1995, 1990, 1985, 1980, 1975

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
16850 Heacock Street	2011
16875 Heacock Street	No Years Found
17101 Heacock Street	2011
22495 Van Buren Boulevard	No Years Found
22550 Van Buren Boulevard	No Years Found
24100 Cardinal Avenue	No Years Found
24208 San Michele Road	No Years Found
895 Southeast Baucom Avenue	2011, 2005, 2000, 1995

Amended 12/04/2015; Amended 01/22/2016; Amended 02/01/2016; Amended 02/11/2016

REPUBLIC TITLE®

Republic Title of Texas, Inc.

2626 Howell Street, 10th Floor
Dallas, TX 75204

February 01, 2016

Hillwood
3090 Olive St Ste 300
Dallas, TX 75219
Phone: (214)777-4335
Fax: (214)303-5570

Title Officer:	Becky Etter	Title Assistant:	Andi Schaer
Phone:		Phone:	
Email:	better@republictitle.com	Email:	aschaer@republictitle.com

Order Number: 1002-162342-RTT

Escrow Officer: Becky Etter
Phone:
Email: better@republictitle.com

Property: Vacant, County of Riverside, CA

Attached please find the following item(s):

Commitment

Thank You for your confidence and support. We at First American Title Insurance Company maintain the fundamental principle:

Customer First!

First American Title Insurance Company

INFORMATION

The Title Insurance Commitment is a legal contract between you and the company. It is issued to show the basis on which we will issue a Title Insurance Policy to you. The Policy will insure you against certain risks to the land title, subject to the limitations shown in the policy.

The Company will give you a sample of the Policy form, if you ask.

The Commitment is based on the land title as of the Commitment Date. Any changes in the land title or the transaction may affect the Commitment and the Policy.

The Commitment is subject to its Requirements, Exceptions and Conditions.

This information is not part of the title insurance commitment.

TABLE OF CONTENTS

		Page
Agreement to Issue Policy		3
Schedule A		
1.	Commitment Date	4
2.	Policies to be Issued, Amounts and Proposed Insured	4
3.	Interest in the Land and Owner	4
4.	Description of the Land	4
Schedule B-1 - Requirements		
Schedule B-2 - Exceptions		
Conditions		

YOU SHOULD READ THE COMMITMENT VERY CAREFULLY.
If you have any questions about the Commitment,
please contact the issuing office.

COMMITMENT FOR TITLE INSURANCE

Issued by

First American Title Insurance Company

Agreement to Issue Policy

We agree to issue a policy to you according to the terms of this Commitment.

When we show the policy amount and your name as the proposed insured in Schedule A, this Commitment becomes effective as of the Commitment Date shown in Schedule A.

If the Requirements shown in this Commitment have not been met within six months after the Commitment Date, our obligation under this Commitment will end. Also, our obligation under this Commitment will end when the Policy is issued and then our obligation to you will be under the Policy.

Our obligation under this Commitment is limited by the following:

The Provisions in Schedule A.

The Requirements in Schedule B-1.

The Exceptions in Schedule B-2.

The Conditions.

This Commitment is not valid without Schedule A and Sections 1 and 2 of Schedule B.

SCHEDULE A

1. Commitment Date: November 30, 2015 at 7:30 A.M.

2. Policy or Policies to be issued: Amount

   (A) ALTA Extended Owner's Policy $TBD

   Proposed Insured:

   To Be Determined

   (B) ALTA Extended Loan Policy $TBD

   Proposed Insured:

   To Be Determined

3. (A) The estate or interest in the land described in this Commitment is:

   Fee Simple

   (B) Title to said estate or interest at the date hereof is vested in:

   The March Joint Powers Authority, a joint powers authority created, operating, and existing under the laws of the State of California

4. The land referred to in this Commitment is situated in the Unincorporated Area of the County of Riverside, State of California, and is described as follows:

   THAT PORTION SECTIONS 25, 26, 35 AND 36, TOWNSHIP 3 SOUTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, SHOWN AS PARCEL 11 ON MAP FILED IN BOOK 110, PAGES 30 TO 40 INCLUSIVE, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER, OF SAID COUNTY, DESCRIBED AS FOLLOWS:

   BEGINNING AT THE SOUTHERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30° 06' 59" WEST 670.29 FEET IN THE EASTERLY BOUNDARY OF SAID PARCEL 11, SAID SOUTHERLY TERMINUS ALSO BEING A POINT ON THE NORTHERLY LINE OF PARCEL MAP NO. 8698, AS PER MAP FILED IN BOOK 37, PAGE 90, OF PARCEL MAPS IN THE OFFICE OF SAID RECORDER;

   THENCE ALONG SAID NORTHERLY LINE SOUTH 89° 53' 52" WEST 117.66 FEET;

   THENCE LEAVING SAID NORTHERLY LINE NORTH 30° 09' 25" WEST 124.78 FEET TO A LINE PARALLEL WITH 108.00 FEET NORTHERLY, MEASURED AT RIGHT ANGLES, FROM SAID NORTHERLY LINE;

   THENCE ALONG SAID PARALLEL LINE SOUTH 89° 53' 52" WEST 1955.75 FEET TO THE EASTERLY BOUNDARY OF CALIFORNIA STATE ROUTE 215, AS SHOWN ON CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTATION MAP 45680 ON FILE IN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION;

THENCE ALONG SAID EASTERLY BOUNDARY NORTH 19° 22' 23" WEST 4259.32 FEET;

THENCE LEAVING SAID EASTERLY BOUNDARY NORTH 77° 53' 09" EAST 120.23 FEET;

THENCE SOUTH 17° 20' 22" EAST 24.72 FEET; THENCE NORTH 75° 40' 21" EAST 81.83 FEET;

THENCE SOUTH 45° 37' 50" EAST 766.67 FEET;

THENCE NORTH 52° 14' 06" EAST 614.61 FEET TO THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30° 07' 27" WEST 3507.80 FEET IN THE BOUNDARY OF THE "MARCH AIR RESERVE BASE" AS SHOWN ON MAP FILED IN BOOK 124, PAGES 69 TO 81 INCLUSIVE OF SAID RECORDS OF SURVEY;

THENCE ALONG SAID LAST MENTIONED BOUNDARY AS FOLLOWS: SOUTH 30° 07' 25" EAST 3507.87 FEET;

THENCE SOUTH 49° 46' 59" WEST 73.50 FEET;

THENCE SOUTH 39° 57' 49" EAST 421.43 FEET;

THENCE SOUTH 30° 06' 29" EAST 670.22 FEET TO THE POINT OF BEGINNING.

APN(s): 295-300-008, 294-170-005, 294-150-008 (now 294-150-009), 294-180-038 AND 294-140-012 (now 294-140-013)

SCHEDULE B

SECTION ONE

REQUIREMENTS

The following requirements must be met:

(A) Pay the agreed amounts for the interest in the land and/or the mortgage to be insured.

(B) Pay us the premiums, fees and charges for the policy.

(C) Documents satisfactory to us creating the interest in the land and/or the mortgage to be insured must be signed, delivered and recorded.

(D) You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions.

(E) Releases(s) or Reconveyance(s) of Item(s): None

(F) Other: None

(G) You must give us the following information:
1. Any off record leases, surveys, etc.
2. Statement(s) of Identity, all parties.
3. Other: None

The following additional requirements, as indicated by "X", must be met:

[X] (H) Provide information regarding any off-record matters, which may include, but are not limited to: leases, recent works of improvement, or commitment statements in effect under the Environmental Responsibility Acceptance Act, Civil Code Section 850, et seq.

The Company's Owner's Affidavit form (as provided by company) must be completed and submitted prior to close in order to satisfy this requirement. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[X] (I) An ALTA/ACSM survey of recent date, which complies with the current minimum standard detail requirements for ALTA/ACSM land title surveys, must be submitted to the Company for review. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] (J) The following LLC documentation is required:
(i) a copy of the Articles of Organization
(ii) a copy of the Operating Agreement, if applicable
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Company Consent to the current transaction

[] (K) The following partnership documentation is required **:**
(i) a copy of the partnership agreement, including all applicable amendments thereto
(ii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iii) express Partnership Consent to the current transaction

[] (L) The following corporation documentation is required:
(i) a copy of the Articles of Incorporation
(ii) a copy of the Bylaws, including all applicable Amendments thereto
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Corporate Resolution consenting to the current transaction

[] (M) Based upon the Company's review of that certain partnership/operating agreement dated **Not disclosed** for the proposed insured herein, the following requirements must be met:

Any further amendments to said agreement must be submitted to the Company, together with an affidavit from one of the general partners or members stating that it is a true copy, that said partnership or limited liability company is in full force and effect, and that there have been no further amendments to the agreement. This Commitment will then be subject to such further requirements as may be deemed necessary.

[] (N) A copy of the complete lease, as referenced in Schedule A, #3 herein, together with any amendments and/or assignments thereto, must be submitted to the Company for review, along with an affidavit executed by the present lessee stating that it is a true copy, that the lease is in full force and effect, and that there have been no further amendments to the lease. This Commitment will then be subject to such further requirements as may be deemed necessary.

[X] (O) Approval from the Company's Underwriting Department must be obtained for issuance of the policy contemplated herein and any endorsements requested thereunder. This Commitment will then be subject to such further requirements as may be required to obtain such approval.

[] (P) Potential additional requirements, if ALTA Extended coverage is contemplated hereunder, and work on the land has commenced prior to close, some or all of the following requirements, and any other requirements which may be deemed necessary, may need to be met:

[] (Q) The Company's "Indemnity Agreement I" must be executed by the appropriate parties.

[] (R) Financial statements from the appropriate parties must be submitted to the Company for review.

[] (S) A copy of the construction contract must be submitted to the Company for review.

[] (T) An inspection of the land must be performed by the Company for verification of the phase of construction.

[] (U) The Company's "Mechanic's Lien Risk Addendum" form must be completed by a Company employee, based upon information furnished by the appropriate parties involved.

SCHEDULE B

SECTION TWO

EXCEPTIONS

Any policy we issue will have the following exceptions unless they are taken care of to our satisfaction. The printed exceptions and exclusions from the coverage of the policy or policies are set forth in Exhibit A attached. Copies of the policy forms should be read. They are available from the office which issued this Commitment.

1. General and special taxes and assessments for the fiscal year 2016-2017, a lien not yet due or payable.

1a. General and special taxes and assessments for the fiscal year 2015-2016 are exempt. If the exempt status is terminated an additional tax may be levied. A.P. No.s: 295-300-008, 294-170-005, 294-150-008 (now 294-150-009), 294-180-038 AND 294-140-012 (now 294-140-013).

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. Rights of the public in and to that portion of the land lying within any road, street or highway.

4. The effect of a map purporting to show the land and other property, filed February 15, 2001 in Book 110, Pages 30-40 of Record of Surveys.

5. The terms and provisions contained in the document entitled "Quitclaim Deed and Reservations of Rights and Cercla Section 120(h) Notice" recorded December 10, 2001 as Instrument No. 2001-611917 of Official Records.

6. The terms and provisions contained in the document entitled "Department of the Air Force Utility Bill of Sale" recorded September 27, 2002 as Instrument No. 2002-538526 of Official Records.

   The effect of a document entitled "Department of the Air Force Assignment of Rights", recorded September 27, 2002 as Instrument No. 2002-538528 of Official Records.

   The effect of a document entitled "Bill of Sale", recorded September 30, 2002 as Instrument No. 2002-543341 of Official Records.

   The effect of a document entitled "Assignment of Rights", recorded September 30, 2002 as Instrument No. 2002-543342 of Official Records.

   The effect of a document entitled "Blanket Easement", recorded September 30, 2002 as Instrument No. 2002-543343 of Official Records.

   The effect of a document entitled "Department of the Air Force License on Portions of the Former March Air Force Base", recorded October 23, 2002 as Instrument No. 2002-594952 of Official Records.

   The effect of a document entitled "Assignment of License", recorded October 24, 2002 as Instrument No. 2002-600755 of Official Records.

7. Intentionally Deleted

8. The fact that the land lies within the boundaries of the March Air Force Base Redevelopment Project Area, as disclosed by the document recorded February 06, 2004 as Instrument No. 2004-0086467 of Official Records.

9. The terms and provisions contained in the document entitled "Quitclaim Deed" recorded October 28, 2004 as Instrument No. 2004-0852535 of Official Records.

10. Abutter's rights of ingress and egress to or from the freeway have been relinquished in the document recorded October 28, 2004 as Instrument No. 2004-0852536 of Official Records.

11. The terms and provisions contained in the document entitled "Development Agreement" recorded July 27, 2005 as Instrument No. 2005-0598731 of Official Records.

12. The fact that the land lies within the boundaries of the March Air Force Base Redevelopment Project Area, as disclosed by the document recorded June 11, 2007 as Instrument No. 2007-0380610 of Official Records.

13. The terms, provisions and easement(s) contained in the document entitled "Infrastructure Easement Agreement" recorded October 27, 2006 as Instrument No. 2006-0791241 of Official Records.

14. The terms, provisions and easement(s) contained in the document entitled "Infrastructure Easement Agreement" recorded January 23, 2008 as Instrument No. 2008-0035923 of Official Records.

15. An easement for pipeline and incidental purposes, recorded June 26, 2009 as Instrument No. 2009-0326343 of Official Records.

In Favor of:	The Metropolitan Water District of Southern California
Affects:	As described therein

16. Terms and provisions of an unrecorded lease dated July 21, 2010, by and between March Field Museum Foundation as lessor and Royal Street Communications California LLC as lessee, as disclosed by a Memorandum of Lease Agreement recorded October 21, 2010 as Instrument No. 2010-0505003 of Official Records.

    Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

17. An easement for public road and utility and incidental purposes, recorded August 10, 2011 as Instrument No. 2011-0350313, and re-recorded August 28, 2012 as Instrument No. 2012-0408345, both of Official Records.

In Favor of:	The County of Riverside
Affects:	As described therein

18. Intentionally Deleted.

19. An easement for public road and utility and incidental purposes, recorded August 10, 2011 as Instrument No. 2011-0350315 of Official Records.

In Favor of:	The State of California
Affects:	As described therein

20. The effect of a map purporting to show the land and other property, filed February 04, 2013 in Book 140, Page 4 of Record of Surveys.

21. An easement for pipeline and incidental purposes, recorded June 27, 2013 as Instrument No. 2013-0307993 of Official Records.
In Favor of: Southern California Gas Company
Affects: As described therein

22. The effect of a document entitled "Quitclaim Deed", recorded October 10, 2013 as Instrument No. 2013-0488870 of Official Records.

23. Intentionally Deleted.

24. Intentionally Deleted

25. Intentionally Deleted

26. Intentionally Deleted.

27. Water rights, claims or title to water, whether or not shown by the public records.

28. Any facts, rights, interests or claims which would be disclosed by a correct ALTA/ACSM survey.

29. Rights of parties in possession.

30. Intentionally Deleted.

31. Intentionally Deleted.

32. Matters shown on the survey prepared by Robert B. Stanford Jr., LS 4457 of Huitt - Zollars, Job No. R304163.01, dated 12/18/2015, last revised __/__/2016:

a. Rights of third parties in and to the use of the paved access roads located along the eastern, western and southern portions of the subject land.

INFORMATIONAL NOTES

1. This report is preparatory to the issuance of an ALTA Loan Policy. The property covered by this report is vacant land.

2. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

3. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

*****To obtain wire instructions for deposit of funds to your escrow file please contact your Escrow Officer.******

CONDITIONS

1. **DEFINITIONS**
(a)"Mortgage" means mortgage, deed of trust or other security instrument.
(b)"Public Records" means title records that give constructive notice of matters affecting the title according to the state law where the land is located.

2. **LATER DEFECTS**
The Exceptions in Schedule B - Section Two may be amended to show any defects, liens or encumbrances that appear for the first time in the public records or are created or attached between the Commitment Date and the date on which all of the Requirements (a) and (c) of Schedule B - Section One are met. We shall have no liability to you because of this amendment.

3. **EXISTING DEFECTS**
If any defects, liens or encumbrances existing at Commitment Date are not shown in Schedule B, we may amend Schedule B to show them. If we do amend Schedule B to show these defects, liens or encumbrances, we shall be liable to you according to Paragraph 4 below unless you knew of this information and did not tell us about it in writing.

4. **LIMITATION OF OUR LIABILITY**
Our only obligation is to issue to you the Policy referred to in this Commitment, when you have met its Requirements. If we have any liability to you for any loss you incur because of an error in this Commitment, our liability will be limited to your actual loss caused by your relying on this Commitment when you acted in good faith to:

comply with the Requirements shown in Schedule B - Section One
or
eliminate with our written consent any Exceptions shown in Schedule B - Section Two.

We shall not be liable for more than the Policy Amount shown in Schedule A of this Commitment and our liability is subject to the terms of the Policy form to be issued to you.

5. **CLAIMS MUST BE BASED ON THIS COMMITMENT**
Any claim, whether or not based on negligence, which you may have against us concerning the title to the land must be based on this commitment and is subject to its terms.

First American Title

Privacy Information

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.

In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.

There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values

Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

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EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

3. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant, (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder, (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy;
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy; or

(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
Part One:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection

   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
   (a) that are created, allowed, or agreed to by you
   (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
   (c) that result in no loss to you
   (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

11. EAGLE PROTECTION OWNER'S POLICY

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998

Covered Risks 14 (Subdivision Law Violation). 15 (Building Permit). 16 (Zoning) and 18 (Encroachment of boundary walls or fences) are subject to Deductible Amounts and Maximum Dollar Limits of Liability

EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
   a. building
   b. zoning
   c. land use
   d. improvements on the land
   e. land division
   f. environmental protection

   This exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
   This exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
   a. a notice of exercising the right appears in the Public Records at the Policy Date; or
   b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This exclusion does not limit the coverage described in Covered Risk 11 or 18.

12. THIRD GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (1/01/08)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions, or location of any improvement erected on the Land; (iii) the subdivision of land; or(iv) environmental protection; or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b)Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.

13. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters

(a) created, suffered, assumed, or agreed to by the Insured Claimant;

(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;

(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or

(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.

5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.

6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is

(a) a fraudulent conveyance or fraudulent transfer, or

(b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

14. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 13 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

15. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters

(a) created, suffered, assumed, or agreed to by the Insured Claimant;

(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;

(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risks 9 and 10); or

(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.

4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors rights laws, that the transaction vesting the Title as shown in Schedule A, is

(a) a fraudulent conveyance or fraudulent transfer; or

(b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.

5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

16. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 15 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION

Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.2s
March 09, 2016

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	211
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR).
The results of this search follow:

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

TARGET PROPERTY SEARCH RESULTS

Columns: Site; Map ID / Direction / Distance / Distance ft. / Elevation ft.

STANDARD ENVIRONMENTAL RECORDS: NPL through BROWNFIELDS

ADDITIONAL ENVIRONMENTAL RECORDS: US BROWNFIELDS through PEST LIC

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

SURROUNDING SITES SEARCH RESULTS

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST
MARCH AIR FORCE BASE (CLOSED) , CA CUSA143538	Region < 1/8 1 ft.																									
MARCH AIR FORCE BASE 22 CSG/CC RIVERSIDE, CA 92518 1000169261	Region < 1/8 1 ft.	X					X				X				X	X										
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL RIVERSIDE, CA 92518 S106784700	A1 < 1/8 1 ft. 1483 ft. Lower																				X					

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS
MARCH AIR FORCE BASE (CLOSED) , CA CUSA143538	Region < 1/8 1 ft.																									
MARCH AIR FORCE BASE 22 CSG/CC RIVERSIDE, CA 92518 1000169261	Region < 1/8 1 ft.																									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL RIVERSIDE, CA 92518 S106784700	A1 < 1/8 1 ft. 1483 ft. Lower																									

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO
MARCH AIR FORCE BASE (CLOSED) , CA CUSA143538	Region < 1/8 1 ft.						X																			
MARCH AIR FORCE BASE 22 CSG/CC RIVERSIDE, CA 92518 1000169261	Region < 1/8 1 ft.														X			X								
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL RIVERSIDE, CA 92518 S106784700	A1 < 1/8 1 ft. 1483 ft. Lower																									

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH AIR FORCE BASE (CLOSED) , CA CUSA143538	Region < 1/8 1 ft.																									
MARCH AIR FORCE BASE 22 CSG/CC RIVERSIDE, CA 92518 1000169261	Region < 1/8 1 ft.										X															
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL RIVERSIDE, CA 92518 S106784700	A1 < 1/8 1 ft. 1483 ft. Lower																									

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

Site	Map ID	Direction	Distance	Distance ft.	Elevation ft.
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 36 BLDG, RIVERSIDE, CA 92518, S106784694	A2		< 1/8	1 ft.	1483 ft. Lower
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 14 LIQUID, RIVERSIDE, CA 92518, S106784704	A3		< 1/8	1 ft.	1483 ft. Lower
MARCH AIR RESERVE BASE 3,545 ACRES; EAST OF RIVERSIDE, RIVERSIDE, CA 92518, S104241831	A4		< 1/8	1 ft.	1483 ft. Lower
US AIR FORCE, MARCH AIR RESERVE BASE - * BW, RIVERSIDE, CA 92518, S106784714	A5		< 1/8	1 ft.	1483 ft. Lower
MARCH AIR RESERVE BASE IRP S34 NW CORNOR OF FUELING FACILITY, MARCH AIR RESERVE BASE, CA 92518, S105624619	A6		< 1/8	1 ft.	1483 ft. Lower

STANDARD ENVIRONMENTAL RECORDS

Map ID	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
A2																				X									
A3																				X									
A4																		X											
A5																				X									
A6																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS
A2																																								
A3																																								
A4									X																															
A5																																								
A6																																								

Map ID	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A2																															
A3																															
A4																		X													
A5																															
A6																															

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

STANDARD ENVIRONMENTAL RECORDS

SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - SITE 18 ENGINE TEST C RIVERSIDE, CA 92518 S106784646	A7 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR FORCE BASE (FORMER) BLDG 550 GRAHAM (RIVERSIDE DR) MORENO VALLEY, CA 92518 S105624618	A8 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 8 FLIGHT RIVERSIDE, CA 92518 S106784692	A9 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 480 PANERO S-33 AIRCRAFT PARKING APRON MARCH ARB, CA 92518 S105624603	A10 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - NEW SOURCE AR RIVERSIDE, CA 92518 S106784622	A11 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A7																																																																							
A8																																																																							
A9																																																																							
A10																																																																							
A11																																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

Site	Map ID Direction Distance Distance ft. Elevation ft.	STANDARD ENVIRONMENTAL RECORDS																												
		NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 10 FLIGHT RIVERSIDE, CA 92518 S106784642	A12 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 15 FIRE P RIVERSIDE, CA 92518 S106784643	A13 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 11 BULK RIVERSIDE, CA 92518 S106784691	A14 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 16 EAST M RIVERSIDE, CA 92518 S106784690	A15 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 2406 SITE 39 GRABER STREET MARCH ARB, CA 92518 S105624528	A16 < 1/8 1 ft. 1483 ft. Lower																				X									

Map ID	ADDITIONAL ENVIRONMENTAL RECORDS																																																																						
	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A12																																																																							
A13																																																																						
A14																																																																						
A15																																																																						
A16																																																																						

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH AIR FORCE BASE (FORMER) SITE 43 35TH STREET RIVERSIDE, CA 92518 S105624558	A17 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE 3 545 ACRES OF RIVERSIDE RIVERSIDE, CA 92518 S105025888	A18 < 1/8 1 ft. 1483 ft. Lower																													
MARCH AIR FORCE BASE MORENO VALLEY, CA 92518 S105960470	A19 < 1/8 1 ft. 1483 ft. Lower																													
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI RIVERSIDE, CA 92518 S106784644	A20 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE RIVERSIDE, CA 92518 S106784660	A21 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH AIR FORCE BASE (FORMER)	A17																																																																							
MARCH AIR RESERVE BASE	A18																																																																X						
MARCH AIR FORCE BASE	A19																																																								X														
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI	A20																																																																							
MARCH AIR RESERVE BASE	A21																																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - OU-1 SITES GRO RIVERSIDE, CA 92518 S106784769	A22 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 29 FIRE P RIVERSIDE, CA 92518 S106784759	A23 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BASE EXCHANGE STATION BLDG 550(4) MARCH ARB, CA 92518 U003948946	A24 < 1/8 1 ft. 1483 ft. Lower																								X					
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 13 TANK T RIVERSIDE, CA 92518 S106784685	A25 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 31 SOLVEN RIVERSIDE, CA 92518 S106784725	A26 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - OU-1 SITES GRO RIVERSIDE, CA 92518 S106784769	A22 < 1/8 1 ft. 1483 ft. Lower																																																																							
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 29 FIRE P RIVERSIDE, CA 92518 S106784759	A23 < 1/8 1 ft. 1483 ft. Lower																																																																									
MARCH AIR RESERVE BASE BASE EXCHANGE STATION BLDG 550(4) MARCH ARB, CA 92518 U003948946	A24 < 1/8 1 ft. 1483 ft. Lower																																																																									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 13 TANK T RIVERSIDE, CA 92518 S106784685	A25 < 1/8 1 ft. 1483 ft. Lower																																																																									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 31 SOLVEN RIVERSIDE, CA 92518 S106784725	A26 < 1/8 1 ft. 1483 ft. Lower																																																																									

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 1 AIRCRA RIVERSIDE, CA 92518 S106784761	A27 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 605 MARCH ARB, CA 92518 U003802796	A28 < 1/8 1 ft. 1483 ft. Lower																								X					
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 34 PRITCH RIVERSIDE, CA 92518 S106784750	A29 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 37 BLDG RIVERSIDE, CA 92518 S106784732	A30 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 602 MARCH ARB, CA 92518 U003659460	A31 < 1/8 1 ft. 1483 ft. Lower																								X					

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A27																																																																								
A28																																																																							
A29																																																																							
A30																																																																							
A31																																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH AIR RESERVE BASE FLIGHTLINE-MAIN BLDGS 1215 1250 1270 437 485 2320 MARCH ARB, CA 92518 U003713120	A32 < 1/8 1 ft. 1483 ft. Lower																								X					
AMRO FABRICATING CORP 17101 HEACOCK ST MORENO VALLEY, CA 92551 1016954669	33 East < 1/8 56 ft. 1484 ft. Lower										X																			
MARCH AIR FORCE BASE - SITE 24 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE, CA 92518 S101272803	B34 NE < 1/8 139 ft. 1494 ft. Lower																	X	X											
MARCH A F B REFUELING SYSTEM BLDG 1269 MARCH A F B, CA 92518 S101300482	B35 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH AIR FORCE BASE - SITE 40 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE, CA 92518 S102008377	B36 NE < 1/8 139 ft. 1494 ft. Lower																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH AIR RESERVE BASE FLIGHTLINE-MAIN (A32)																																																																							
AMRO FABRICATING CORP (33)																																																																							
MARCH AIR FORCE BASE - SITE 24 (B34)									X																																																														
MARCH A F B REFUELING SYSTEM (B35)																																																																							
MARCH AIR FORCE BASE - SITE 40 (B36)									X																																																													

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
BUILDING 962 MARCH AFB MORENO VALLEY, CA 90062 S100179024	B37 NE < 1/8 139 ft. 1494 ft. Lower																													
PANERO AIRCRAFT FUELING SYST. MARCH AFB MORENO VALLEY, CA 90062 S100179101	B38 NE < 1/8 139 ft. 1494 ft. Lower																													
MARCH A F B FLITE LINE BLDG 1244 MARCH A F B, CA 92518 S101300481	B39 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH A F B BLDG 3409 BLDGS 3409 MARCH A F B, CA 92518 S102770000	B40 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH AIR FORCE BASE - SI 7 123 ACRES OF RIVERSIDE CA RIVERSIDE, CA 92518 S103066212	B41 NE < 1/8 139 ft. 1494 ft. Lower																													

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD
B37																					X						
B38																											
B39																											
B40																											
B41																											

Map ID	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
B37																																												
B38																																												
B39																																												
B40																																												
B41																																							X						

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH A F B BLDG 3406 BLDG 3406 MARCH A F B, CA 92518 S103249162	B42 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH A F B BLDG 550 BLDG 3407 MARCH A F B, CA 92518 S102361786	B43 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH A F B ALERT FACILITY BLDG 1305 MARCH A F B, CA 92518 S101300483	B44 NE < 1/8 139 ft. 1494 ft. Lower																				X									
FACILITY 3417 MARCH AFB RIVERSIDE, CA 92518 U001576659	C45 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 422 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576661	C46 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH A F B BLDG 3406	B42																																																																							
MARCH A F B BLDG 550	B43																																																																							
MARCH A F B ALERT FACILITY	B44																																																																						
FACILITY 3417	C45															X																																																							
FACILITY 422	C46															X																																																							

EXECUTIVE SUMMARY

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VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 3414 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576658	C47 NW < 1/8 157 ft. 1512 ft. Higher																													
REGIONAL HOSPITAL FACILITY 299 MARCH AFB RIVERSIDE, CA 92518 U001576685	C48 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 452 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576664	C49 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 429 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576662	C50 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 5039 MARCH AFB RIVERSIDE, CA 92518 U001576668	C51 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 3414	C47															X																																																							
REGIONAL HOSPITAL FACILITY 299	C48															X																																																							
FACILITY 452	C49															X																																																							
FACILITY 429	C50															X																																																							
FACILITY 5039	C51															X																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 373 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576660	C52 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 3406 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576656	C53 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 3404 MARCH AFB RIVERSIDE, CA 92518 U001576655	C54 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2518 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576649	C55 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2314 MARCH AFB RIVERSIDE, CA 92518 U001576648	C56 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 373	C52															X																																																								
FACILITY 3406	C53															X																																																								
FACILITY 3404	C54															X																																																								
FACILITY 2518	C55															X																																																								
FACILITY 2314	C56															X																																																								

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
U S CUSTOMS SERVICE MAFB BLDG 605 RIVERSIDE, CA 92518 S101590313	C57 NW < 1/8 157 ft. 1512 ft. Higher																													
CALIFORNIA AIR NATIONAL GUARD, MARCH AFB RIVERSIDE, CA 92518 U001576669	C58 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 3401 MARCH AFB RIVERSIDE, CA 92518 U001576654	C59 NW < 1/8 157 ft. 1512 ft. Higher																													
FUEL CELL MAINTENANCE BLDG 2 TRANSPORTTION BLDG COMPOSITE/ MARCH AFB, CA 92518 U001576678	C60 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 440 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576663	C61 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD
C57														X		X											
C58															X												
C59															X												
C60															X												
C61															X												

Map ID	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
C57																																												
C58																																		X										
C59																																												
C60																																												
C61																																												

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 5042 MARCH AFB RIVERSIDE, CA 92518 U001576670	C62 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 5044 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576671	C63 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 602 MARCH AFB RIVERSIDE, CA 92518 U001576673	C64 NW < 1/8 157 ft. 1512 ft. Higher																													
PRITCHARD REFUELING SYSTEM FAC MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576684	C65 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1210 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576634	C66 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 5042 MARCH AFB RIVERSIDE, CA 92518 U001576670	C62 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								
FACILITY 5044 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576671	C63 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								
FACILITY 602 MARCH AFB RIVERSIDE, CA 92518 U001576673	C64 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								
PRITCHARD REFUELING SYSTEM FAC MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576684	C65 NW < 1/8 157 ft. 1512 ft. Higher															X																																																										
FACILITY 1210 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576634	C66 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								

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VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
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SURROUNDING PROPERTY SEARCH RESULTS

Site	Map ID	Direction	Distance	Distance ft.	Elevation ft.
FACILITY 1211 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576635	C67	NW	< 1/8	157 ft.	1512 ft. Higher
AIR FORCE BASE CONV AGENCY AFBCA/OL-DBF AREA MARCH AFB, CA 92518 1001115472	C68	NW	< 1/8	157 ft.	1512 ft. Higher
FACILITY 1203 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576633	C69	NW	< 1/8	157 ft.	1512 ft. Higher
FACILITY 3409 MARCH AFB RIVERSIDE, CA 92518 U001576657	C70	NW	< 1/8	157 ft.	1512 ft. Higher
FACILITY 941 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576676	C71	NW	< 1/8	157 ft.	1512 ft. Higher

STANDARD ENVIRONMENTAL RECORDS

Map ID	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
C67																													
C68											X																		
C69																													
C70																													
C71																													

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD
C67															X																				
C68																																			
C69															X																				
C70															X																				
C71															X																				

Map ID	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
C67																																				
C68																																				
C69																																				
C70																																				
C71																																				

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MARCH AIR RESERVE BA, CA 92518
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STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 470 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576667	C72 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 458 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576666	C73 NW < 1/8 157 ft. 1512 ft. Higher																													
PANERO REFUELING SYSTEM FACILI MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576683	C74 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 453 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576665	C75 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 6603 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576674	C76 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST
FACILITY 470															X
FACILITY 458															X
PANERO REFUELING SYSTEM FACILI															X
FACILITY 453															X
FACILITY 6603															X

Site	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 470																																																								
FACILITY 458																																																								
PANERO REFUELING SYSTEM FACILI																																																								
FACILITY 453																																																								
FACILITY 6603																																																								

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

STANDARD ENVIRONMENTAL RECORDS

SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 5901 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576672	C77 NW < 1/8 157 ft. 1512 ft. Higher																													
HOSPITAL POWER PLANT FACIALIER MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576680	C78 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1246 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576638	C79 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1305 MARCH AFB RIVERSIDE, CA 92518 U001576641	C80 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1241 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576636	C81 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD
C77															X																				
C78															X																				
C79															X																				
C80															X																				
C81															X																				

Map ID	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
C77																																				
C78																																				
C79																																				
C80																																				
C81																																				

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

STANDARD ENVIRONMENTAL RECORDS

SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 1244 MARCH AFB RIVERSIDE, CA 92518 U001576637	C82 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2313 MARCH AFB RIVERSIDE, CA 92518 U001576647	C83 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1311 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576642	C84 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1800 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576644	C85 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 962 MARCH AFB RIVERSIDE, CA 92518 U001576677	C86 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP
C82															X																					
C83															X																					
C84															X																					
C85															X																					
C86															X																					

Map ID	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
C82																																			
C83																																			
C84																																			
C85																																			
C86																																			

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS		STANDARD ENVIRONMENTAL RECORDS																													ADDITIONAL ENVIRONMENTAL RECORDS																																																																									
Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 2307 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576646	C87 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																						
LB/128 DNBYCAIA 25 MILES EAST OF AMBOY HWY 66 DANBY, CA 92532 U001576697	C88 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																						
FACILITY 260 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576651	C89 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																						
FACILITY 2622 RIVERSIDE RIVERSIDE, CA 92518 U001576653	C90 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																						
INTEX CORPORATION MARCH AFB FLIGHTLING RIVERSIDE, CA 92518 U001576682	C91 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																						

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 2519 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576650	C92 NW < 1/8 157 ft. 1512 ft. Higher																													
GLIDE SLOPE FACILITY 1300 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576679	C93 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1250 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576639	C94 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1272 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576640	C95 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2606 MARCH AFB RIVERSIDE, CA 92518 U001576652	C96 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD
FACILITY 2519	C92															X																				
GLIDE SLOPE FACILITY 1300	C93															X																				
FACILITY 1250	C94															X																				
FACILITY 1272	C95															X																				
FACILITY 2606	C96															X																				

Site	Map ID	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 2519	C92																																				
GLIDE SLOPE FACILITY 1300	C93																																				
FACILITY 1250	C94																																				
FACILITY 1272	C95																																				
FACILITY 2606	C96																																				

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
AIR FORCE BASE CONV AGENCY AFBCA/OL-DBF AREA MARCH AFB, CA 92518 1001115471	C97 NW < 1/8 157 ft. 1512 ft. Higher											X																		
EMPIRE TRACTOR 1480 NANDINA AVE PERRIS, CA 92571 S104164590	D98 SSW 1/8-1/4 1306 ft. 1508 ft. Higher																				X									
EMPIRE TRACTOR CO 1480 NANDINA AVE PERRIS, CA 92571 1000886294	D99 SSW 1/8-1/4 1306 ft. 1508 ft. Higher											X																		
EMPIRE TRACTOR 1480 NANDINA AVE PERRIS, CA 92571 S104753651	D100 SSW 1/8-1/4 1306 ft. 1508 ft. Higher																				X									
NANDINA LIQUOR 1569 PERRIS, CA 92571 S101631120	E101 SSW 1/4-1/2 1354 ft. 1516 ft. Higher																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
C97																																																																X							
D98																																																																							
D99																																																								X															
D100																																																																	X						
E101														X		X																																															X						

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.
PULLIAM FAMILY TRUST 1569 NANDINA AVE PERRIS, CA 92571 S105850475	E102 SSW 1/4-1/2 1354 ft. 1516 ft. Higher
SITE Y -CAMP HAAN NORTH END DECKER ROAD / WEST OF I- 215 MARCH AIR FORCE BASE, CA S106900233	103 SW 1/4-1/2 1769 ft. 1542 ft. Higher
RIVERSIDE NATIONAL CEMETE 123 ACRES OF REVERSIDE CA RIVERSIDE, CA 92518 S105025886	104 West 1/4-1/2 2002 ft. 1557 ft. Higher
BELL GRAIN AND MILLING 17971 HIGHWAY 215 PERRIS, CA 92570 S105025544	105 SSW 1/4-1/2 2584 ft. 1520 ft. Higher
CAMP HAAN RIVERSIDE, CA 1007372675	106 WSW 1/4-1/2 2640 ft. 1570 ft. Higher

STANDARD ENVIRONMENTAL RECORDS

Map ID	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
E102																				X									
103																			X										
104																													
105																				X									
106																													

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS
E102																																		
103																																		
104																																		
105																																		
106																									X									

Map ID	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
E102																																					
103																																					
104																															X						
105																															X						
106																																					

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

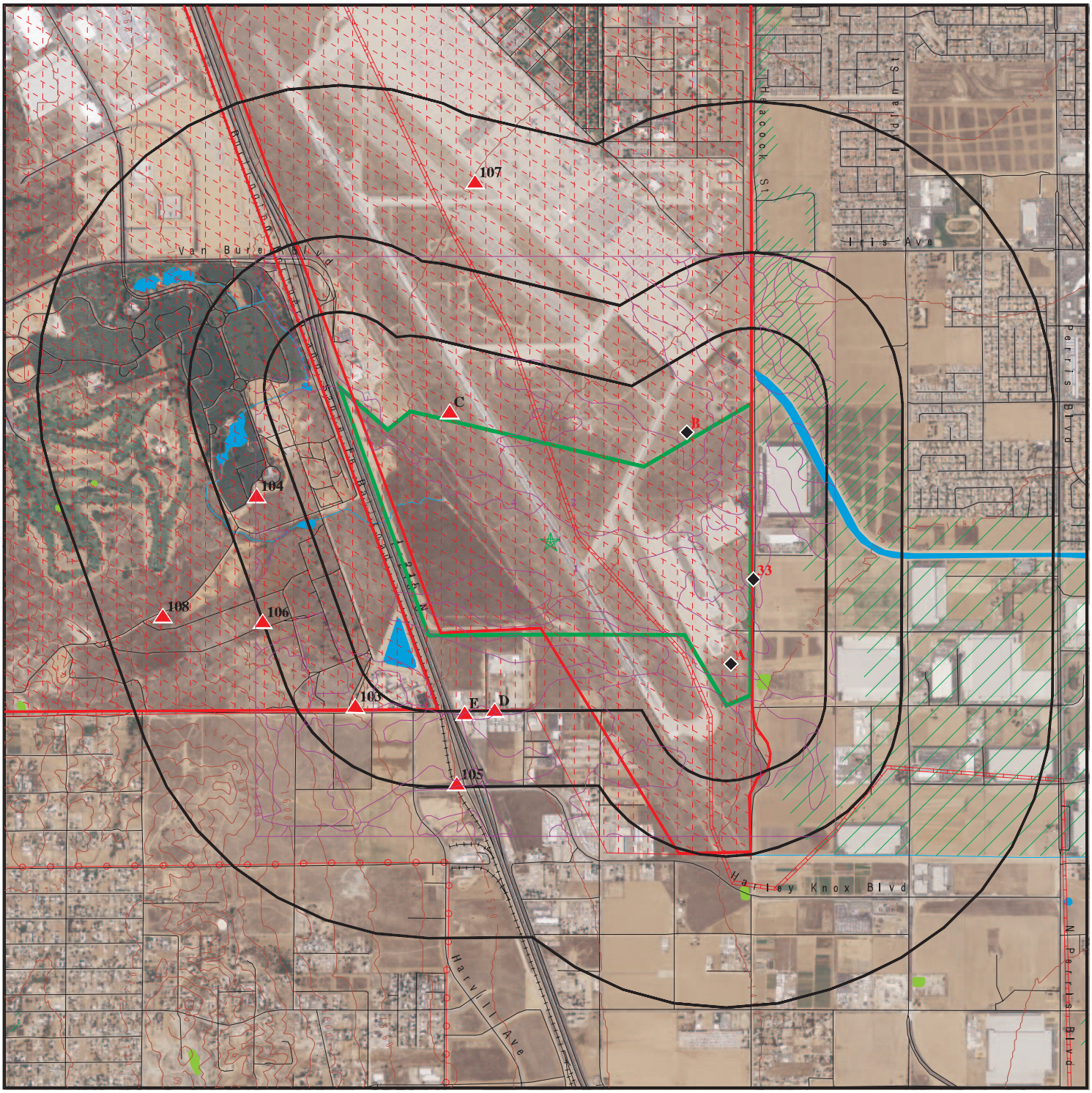
STANDARD ENVIRONMENTAL RECORDS

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH FIELD OTHER, CA 1007212253	107 NNW 1/2-1 4169 ft. 1520 ft. Higher																													
MARCH AFB (1.25 MILES SOUTH OF) ALESSANDRO, CA S107736668	108 West 1/2-1 4251 ft. 1606 ft. Higher																		X											

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH FIELD	107																										X																																													
MARCH AFB	108																																																																							

OVERVIEW MAP - 4559570.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME: Van Buren Boulevard/215	CLIENT: Terracon
ADDRESS: Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT: Jennifer Van INQUIRY #: 4559570.2s
LAT/LONG: 33.874288 / 117.255402	DATE: March 09, 2016 3:22 pm

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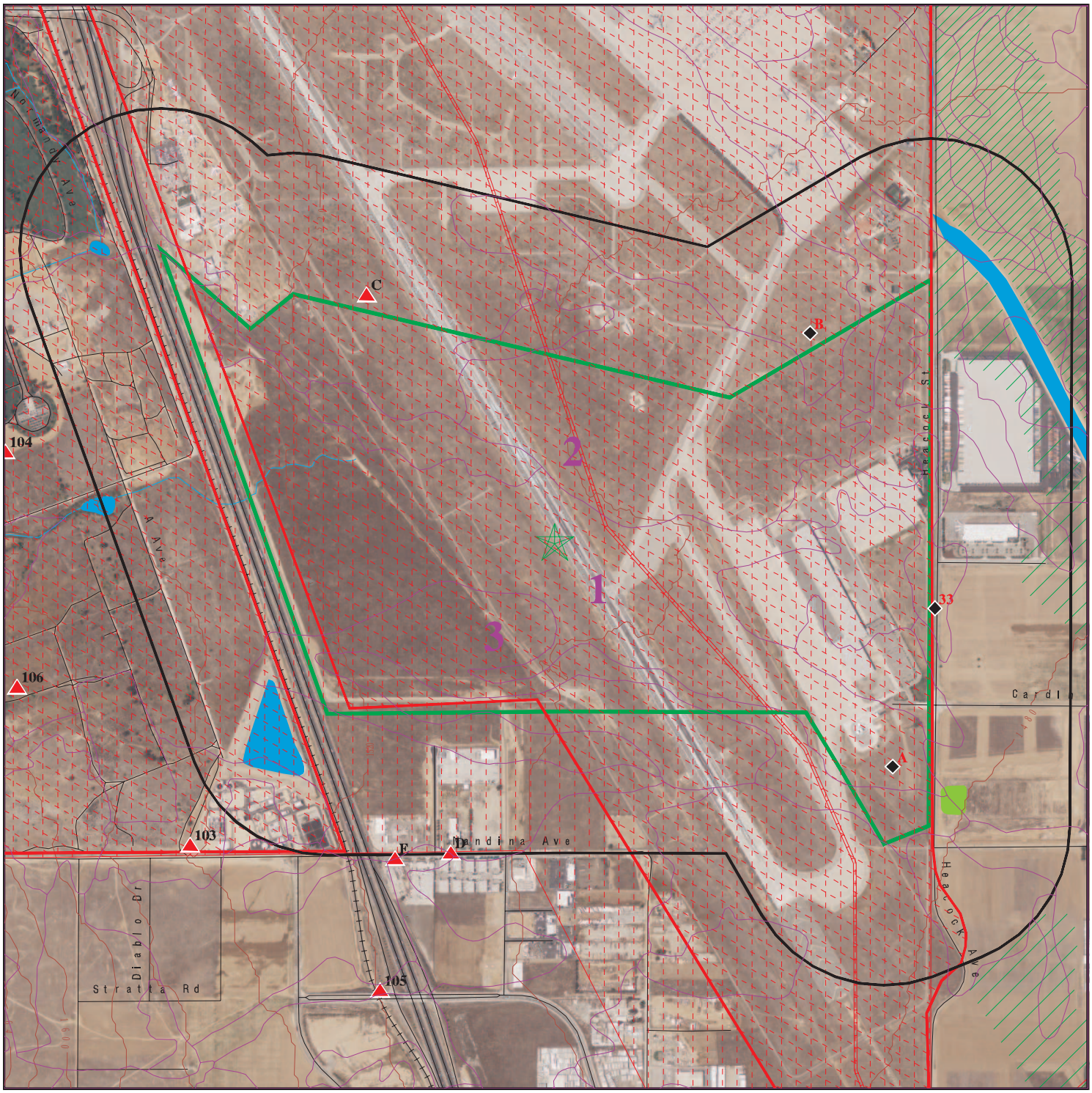
DETAIL MAP - 4559570.2S



0 1/8 1/4 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME:	Van Buren Boulevard/215	CLIENT:	Terracon
ADDRESS:	Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT:	Jennifer Van
		INQUIRY #:	4559570.2s
LAT/LONG:	33.874288 / 117.255402	DATE:	March 09, 2016 3:24 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		1	0	0	NR	NR	1
Federal CERCLIS NFRAP site List								
CERCLIS-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		2	0	NR	NR	NR	2
RCRA-SQG	0.250		2	1	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		1	0	0	NR	NR	1
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		1	0	0	0	NR	1
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		2	0	0	1	NR	3
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
CA LUST	0.500		31	2	3	NR	NR	36

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		4	0	NR	NR	NR	4
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		3	0	0	0	NR	3
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		1	0	NR	NR	NR	1
CA HIST UST	0.250		50	0	NR	NR	NR	50
CA FID UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	1	1	NR	2
DOD	1.000		1	0	0	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		1	0	0	0	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		1	0	0	0	NR	1
CA Cortese	0.500		1	0	0	NR	NR	1
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		2	1	3	NR	NR	6
CA HWP	1.000		0	0	0	0	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		1	0	NR	NR	NR	1
CA MINES	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		2	0	0	0	NR	2
CA UIC	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	110	4	8	2	0	124

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

DOD **MARCH AIR FORCE BASE (CLOSED)** **DOD** **CUSA143538**
Region **N/A**

MARCH AIR FORCE BASE (CLO (County), CA

< 1/8
1 ft.

DOD:
- Feature 1: Air Force DOD
- Feature 2: Not reported
- Feature 3: Not reported
- URL: Not reported
- Name 1: March Air Force Base (Closed)
- Name 2: Not reported
- Name 3: Not reported
- State: CA
- DOD Site: Yes
- Tile name: CARIVERSIDE

NPL **MARCH AIR FORCE BASE** **NPL** **1000169261**
Region **22 CSG/CC** **CERCLIS** **CA4570024527**
RIVERSIDE, CA 92518 **RCRA-LQG**
US ENG CONTROLS
< 1/8 **US INST CONTROL**
1 ft. **ROD**
PRP
FINDS
NY MANIFEST
ECHO

NPL:
- EPA ID: CA4570024527
- Cerclis ID: 0902761
- EPA Region: 09
- Federal: Y
- Final Date: 1989-11-21 00:00:00
- Site Score: 31.940000000000001
- Latitude: +33.906380
- Longitude: -117.2557

Category Details:
- NPL Status: Currently on the Final NPL
- Category Description: Depth To Aquifer-> 50 And <= 100 Feet
- Category Value: 65

- 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: MARCH AIR FORCE BASE
- Site Status: Final
- Site Zip: 92518
- Site City: RIVERSIDE
- Site State: CA
- Federal Site: Yes
- Site County: RIVERSIDE
- EPA Region: 09
- Date Proposed: 07/14/89
- Date Deleted: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Date Finalized: 11/21/89

Substance Details:

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

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal July 14, 1989): March Air Force Base MAFB) covers approximately 7,000 acres near Riverside in the Moreno Valley in Riverside County, California. MAFB is adjacent to light industrial, agricultural, and residential areas. Established in 1918 as the Alessandro Aviation Field, MAFB has served as a training base and refueling operations base. Industrial operations including aircraft maintenance and repair) involved use of solvents and disposal of solvent wastes. MAFB 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 ha ardous materials. As part ofIRP, the Air Force investigated 28 potentially contaminated disposal areas. MAFB Well No. 1 on-base was found to be contaminated with trichloroethylene, tetrachloroethylene, and cis-1,2-dichloroethylene at levels that exceed State drinking water standards. It was taken out of service. Soils on the base are contaminated with toluene and ben ene. An estimated 11,600 people obtain drinking water from municipal wells within 3 miles of ha ardous substances on MAFB. The Air Forceis conducting a remedial investigation/ feasibility study RI/FS) to determine the type and extent of contamination at the base and identify alternatives for remedial action. Status November 21, 1989): Field work continues on the RI/FS.

Site Status Details:

NPL Status: Final
Proposed Date: 07/14/1989
Final Date: 11/21/1989

MARCH AIR FORCE BASE (Continued) **1000169261**

Deleted Date: Not reported

Narratives Details:
NPL Name: MARCH AIR FORCE BASE
City: RIVERSIDE
State: CA

CERCLIS:
Site ID: 0902761
EPA ID: CA4570024527
Facility County: RIVERSIDE
Short Name: MARCH AIR FORCE BASE
Congressional District: 41
IFMS ID: 09N6
SMSA Number: 6780
USGC Hydro Unit: 18070202
Federal Facility: Federal Facility
DMNSN Number: 7000.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Federal Facility
Site Settings Code: SU
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: / /
Site Fips Code: 06065
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
Contact ID: 9000102.00000
Contact Name: John Lucey
Contact Tel: (415) 972-3145
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray

MARCH AIR FORCE BASE (Continued) **1000169261**

Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

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

CERCLIS Site Alias Name(s):
Alias ID: 101
Alias Name: MARCH AFB
Alias Address: Not reported
CA
Alias ID: 102
Alias Name: MARCH AIR FORCE BASE
Alias Address: 22 CSG/CC
MARCH AFB, CA 92518
Alias ID: 103
Alias Name: MARCH AIR FORCE BASE
Alias Address: 22 CSG/CC
RIVERSIDE, CA 92518
Alias ID: 9270150
Alias Name: MARCH USAF BASE
Alias Address: OLDB MARCH 3430 BUNDY AVENUE
MARCH AFB, CA 92311
Alias ID: 101
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977
Site Description: March Air Force Base originally a 640 acres site called Alessandro Aviation Field, was officially opened March 1, 1918. The base was initially used to train "Jenny" pilots during World War I. The base was closed for about four years after the war and was then reopened in 1927. By 1938, the base was considered to be the central location for west coast bombing and gunnery training. In 1949, the Strategic Air Command took control of the base. Since that time, the base has hosted bombers, refuelers, and cargo aircraft. In June 1992, the base became an Air Mobility Command installation. Its primary mission is refueling, but reserve and guard units have cargo and fighter missions as well. In September 1993, March AFB was designated by Congress to realign its forces. The Base will be redesignated "March Air Reserve Base" and is xpected to decrease to about 1/3 of its present size. After realignment, property that is not retained by the base will be available for transfer.
The U.S. Air Force, due to its primary mission in national defense, has long been engaged in a wide variety of operations that involve the use, storage, and disposal of hazardous waste. In 1980, the Installation Restoration Program (IRP) was developed by the Department of Defense (DOD) to locate and cleanup hazardous waste sites. At March AFB, aircraft maintenance, fuel storage operations, fire-training exercises, and base operations have generated a variety of hazardous wastes. Consequently, several areas of soil and groundwater on-base have been contaminated. In September 1983 the IRP process began. The results were records indicating 30 potentially contaminated sites which required further investigation. A second study, completed in March 1987, indicated that 5 of the 30 sites required even further investigation to determine the type and extent of contamination in the soil and groundwater. In June 1987, further investigation was done, indicating that additional work was required to better define the extent of contamination and to research possible off-base migration of TCE in groundwater. In November

MARCH AIR FORCE BASE (Continued) **1000169261**

1989, March AFB was add to the National Priorities List (NPL) primarily due to the contamination of groundwater on-base. In September 1990, a Federal Facilities Agreement (FFA) was signed by the Air Force, U.S. Environmental Protection Agency (EPA), and the State of California. Three separate OUs were created based on geographic location of sites, similarity of contaminants, and location of groundwater contaminant plumes. The subject of this ROD (6/20/96) is OU-1, OU-1 includes Sites 4,5,7,9,10,13,14,15,16,18,29,31,34, and 38. Groundwater at Sites 4, 18,31,and the OU-1 Groundwater Plume, and soil at Sites 4,10,15,18,31, and 34 require remedial action. Sites 5,7,9,13,14,6,29, and 38 are considered no further action. Sites 21 and 23 are covered in OU-2 ROD. Site 33, the Panero Aircraft Fueling System is detailed in OU-3. The following are Sites that require Groundwater remediation: OU 1-Groundwater Plume - The OU-1 Groundwater Plume is the most widespread plume at the base, extending from Site 31 south and east through the area of Sites 34, 9, and 5, and extending to a maximum of approximately 1300 feet beyond the eastern boundary and 1500 feet south of Site 5 off-base. Numerous contaminants, including TCE, were detected. Site 4 Groundwater Plume - This plume is localized in the vicinity of Site 4 with the apparent source area near the southern end of Site 4. The contaminants with the highest concentration are TCE and PCE. Site 18 - Groundwater Plume - This plume is localized in the vicinity of Site 18 with the apparent source area west of the engine test cell in the center of Site 18. Fuel has been detected in four of the ten monitoring wells to date. Site 31 - Groundwater Plume - Concentrations of contaminants at Site 31, primarily TCE, are much higher than those in the rest of the OU-1 Plume, and these high concentrations are confined to a relatively small area. These conditions coupled with the history of Site 31 (reported solvent disposal) indicate that Site 31 is a likely source for much of the TCE found in OU-1 groundwater. Therefore, even though the Site 31 plume has the same contaminants and is continuous with the OU-1 plume, it is appropriate to treat Site 31 separately from the remainder of the OU-1 plume, in order to eliminate the source of contamination. Sites That Require Soil Remediation Include: Site 4 - Landfill No.6 - a landfill operating from 1955 to 1969, covering 8.5 acres, and located along the eastern boundary of the base, south of the East Gate. The landfill is up to 25 feet deep, containing primarily sanitary waste, construction rubble, and debris. Small amounts of medical wastes and empty fuel containers are also present. There are low levels of chlorinated solvents in the soil and soil gas, as well as elevated concentrations of trichloroethylene (TCE) and tetrachloroethylene (PCE) in the groundwater. Both TCE and PCE are found in solvents used to clean and degrease military equipment. Vinyl chloride, a breakdown product of TCE and PCE, has also been detected in Site 4 groundwater. The landfill is considered the source of contaminants detected in groundwater downgradient of the Site. Site 10 - Flightline Drainage Channel - This site, installed prior to 1940, is located southeast of the flightline aircraft maintenance areas. The channel is concrete lined (since the 1960s) up to the eastern boundary of the base where it discharges to the Perris Valley Storm Drain (PVSD). The PVSD flows east approximately 2 miles, where it joins another drainage and flows south approximately 6 miles to the San Jacinto River. The channel has reportedly received various waste oils, hydraulic fluids, diesel fuel, jet fuel, waste paints, paint strippers, paint thinners, battery acids and solvents, including TCE. Prior to 1974, wastes may have been discharged directly to the PVSD. Since 1974, the main oil/water separator has pretreated the runoff before its discharge off-base. Site 15 - Fire Protection Training Area No.3- This site is located southeast of the end of runway 12-30 and between Sites 5 and 7. The area was developed in 1978 and was reportedly constructed by placing an underdrain system and gravel over a clay liner. Firefighting water, solutions of Aqueous Film Forming Foam (AFFF), and residual

MARCH AIR FORCE BASE (Continued) **1000169261**

fuel used during training exercises were drained to a formerly unlined water holding pond located adjacent to Site 15. Approximately 6,000 gallons per year of contaminated JP-4 have been burned in training exercises since the facility was constructed in 1978. This Site is no longer being used as a fire training area. Site 18 - Engine Test Cell - This site is located on the flightline, south of Taxiway No.2, and has been inactive for several years. The test cell was constructed in 1957 for the purpose of testing aircraft engines. An oil/water separator was installed in 1976, water from the seperator was discharged to the base wastewater treatment plant. The oil was collected by a contractor for off-base disposal. Prior to 1976, spills of oil, fuel, and solvents were drained to a nearby ditch. Potential sources of fuel include overflow of tanker trucks and fuel tanks on aircraft that have been parked nearby. Site 31 - Unconfirmed Solvent Disposal - Site 31 is located off Graeber Street on the east side of Building 1211. The practice of discharging solvents on the ground reportedly occurred from about the mid-1950s to the mid-1970s. In addition, floor drains from maintenance shops may have leaked solvents to the subsurface. Groundwater sampling at the site has indicated TCE concentrations which exceed State and Federal drinking water standards. Site 34 - Pritchard Aircraft Fueling System - Site 34 is located next to Building 1245, at the southeast end of Taxiway No, 1. In 1962, six 50,000 gallon tanks were moved to this site from the Pabero Fueling System. In 1990, this system was discontinued, and in 1991, the tanks and system were removed. During a geological investigation stained soils and fuel odors were observed. Sites With No Further Action Planned: Site 5 - Landfill No.3 - This Site covers approximately 5 acres and is located southeast of the present flightline. The landfill was reportedly operated from the late 1940s to approximately 1960. Landfill wastes consist primarily of sanitary waste and construction rubble. Site 7 - Fire Training Area No.2 - This Site is located on the eastern part of the base, north of the Alert Facility. Between 1954 and 1978, fire training exercises were conducted in unlined training pits. Three distinct burn pits were identified in historic aerial photographs of the base. A portion of this Site may have been used for crash rescue training. Wastes used in those exercises reportedly included contaminated fuel, waste solids, and spent solvents. Site 9 - Main Oil/Water Separator - Site 9 is located north of the Site 5 at the southeast end of the flightline apron. The facility was constructed in 1974 and serves the main storm, drainage system for the flightline apron and the flightline shops. The storm drains have reportedly received waste oils, hydraulic fluids, diesel fuel, waste paints, spent solvents, paint strippers, paint thinners, and battery acids. The oil/water separator is of earthen construction with a large baffle that divides the separator into two compartments. The separated oil is picked up by a skimmer and pumped to a holding tank for Off-base disposal. This facility drains into the flightline Drainage Channel (Site 10) and then to the Perris Valley Storm Drain Lateral A. Site 13 - Tank Truck Spill Site - Site 13 is located along the eastern perimeter road of the base, within the northern portion of Site 5. In 1973, approximately 5,000 gallons of JP-4 jet fuel spilled from a tank truck to the ground at this location. The accidental discharge resulted from a mechanical malfunction. There was no reported containment or cleanup activities. Site 14 - Liquid Fuel Pump Station Overflow - Site 14 is located southeast of the flightline apron and about 50 to100 feet west of the East March Sludge Drying Beds (Site 16). In 1973, approximately 1,000 gallons of JP-4 jet fuel spilled onto the ground. The spill occurred due to an overflow of the liquid fuel pump station at Building 1245. The spill was contained in the unpaved area south of the pump station and allowed to percolate into the ground. Site 16 - East March Sludge Drying Beds - Site 16 is located on the eastern part of the base, at the south end of the flight line parking apron, and near the former East March Wastewater Treatment Plant. The treatment plant

MARCH AIR FORCE BASE (Continued) **1000169261**

was constructed in 1938 and provided secondary treatment for sanitary and industrial wasterwater. Primary and secondary sludges were digested anaerobically, dewatered on unlined sludge drying beds, and disposed of in an on-base landfill. The sludge may have contained heavy metals and organics resulting from discharges of industrial wastes to the sanitary sewer system. These drying beds ope3rated from 1938 to 1977, when the plant was destroyed in place. Site 29 - Fire Training Area No.1 - Site 29 is located at the eastern part of the base, north of Site 9. The area was used as a fire training pit prior to 1951. Suspected contaminants at the site include contaminated fuel, waste oil, and spent solvents Site 38 (PCB Contamination, Building 1311), Building 1311 is located at the southeast end of the taxiway, northwest of IRP Site 23. In 1984, soils from four areas contaminated with transformer oils were sampled. Soils from two of the areas (Buildings 317 and 1305) were determined to be PCB-contaminated. The soils were excavated and removed from the Base. Records to verify the cleanup have not been located. The RI/FS report and Proposed Plan for OU-1 were released to the public on April 28, 1994. These two documents were made available via the Administrative Record, the information repositories at the Moreno Valley and March AFB libraries, and at the Moreno Valley Chamber of Commerce. A fact sheet, condensed from the Proposed Plan, was sent to everyone on the March AFB mailing list, which includes Restoration Advisory Board (RAB) members. An OU-1 RI/FS subcommittee, formed by the RAB, provided oral comments to the RAB at its April 26, 1994 meeting. The Final RI/FS Report was published in July 1994. A public comment period was held from April 28 to May 28, 1994. In addition, a public meeting was held on May 12, 1994 at 7 p.m. at Best Western Image Suites in Moreno Valley. Representatives of the U.S. Air Force, EPA, Department of Toxic Substances Control, and California Regional Water Quality Control Board, Santa Ana, attended the public meeting to address any questions about the RI/FS and Proposed Plan. March Air Force Base (AFB) is located on 7,123 Acres in the northern end of the Perris Valley, east of the city of Riverside, in Riverside County, California, approximately 60 miles east of Los Angeles and 90 miles north of San Diego. The base lies in sections of Township 3 South, Range 4 West. The population of Riverside County is 1,700,413 and consists primarily of English and Spanish speaking citizens. The climate of the March AFB area is characterized as Mediterranean to semi-arid, varying according to elevation and distance from the Pacific Ocean. The weather generally consists of warm to hot, dry summers and mild winters. Current land use on March AFB is classified as residential and light industrial. Maintenance facilities, warehouses, and administrative centers support the mission. The land surrounding March AFB area includes areas of residences in all directions around the Site, light industry to the north, and agriculture to the east and south. With the exception of small surface water ponds that are used for agricultural purposes, there are two permanent surface water bodies within 3.5 miles of March AFB. Lake Perris, located 4 miles southeast of the base, provides approximately 130,000 acre feet of storage for State Project Water brought in by the California Aqueduct which runs north and east of the base. An east-west portion of the Colorado River Aqueduct is located approximately 3.5 miles south of the base. This aqueduct flows in to Lake Matthews, which is located about 10 miles west of March AFB. A very small recreation lake is located approximately 2 miles east of the base. It is maintained by the Moreno Valley Ranch homeowners association and is located just south of Iris Street and west of Lasselle Street in the City of Moreno Valley. A number of wetlands and riparian areas have been identified on and in the immediate area of the base, most are located on West March, outside OU-1. The U.S. Army Corps of Engineers determined that approximately 2.17 acres of jurisdictional wetlands exist in the Heacock Drain Channel, with .8 acres of wetlands adjacent to the Site 4 landfill. The wetlands are not continuous but are localized

MARCH AIR FORCE BASE (Continued) **1000169261**

patches of wetland vegetation that change position each year due to high volume, high velocity storm water flow from the spring rains through these channels which causes scouring of the earthen bottom and sides. Manyindustrial, agricultural and domestic wells exist in the Perris Valley. Four on-base wells and two off-site wells southeast of the base were formerly used for the base water supply. One of these wells was shut down in February 1984 due to trichloroethylene (TCE) contamination, the other 3 on-base wells were shut down due to low yields. The two off-site wells are located southeast of the base in the center of Perris Valley. Although both of these wells are operable only one is occasionally used for emergency service, while the other is dormant. All base water is currently supplied by the Eastern Municipal Water District. OU-1 is made up of Sites 4,5,7,9,10,13,14,15,16,18,29,31,34, and 38. Sites 21 and 23 are included in the OU-2 ROD. Site 10 (Flightline Drainage Channel). This site is located southeast of the flightline aircraft maintenance areas. The drainage channel, which was installed prior to 1940, has reportedly received various waste oils, hydraulic fluids, diesel fuel, jet fuel, waste paints, paint strippers, paint thinners, battery acids and solvents (including TCE). The drainage channel is concrete lined (since the 1960s) up to the eastern boundary of the base where it discharges to the Penis Valley Storm Drain. The Penis Valley Storm Drain flows east approximately 2 miles, where joins another drainage and flows south approximately 6 miles to the San Jacinto River. Prior to 1974, waste disposed of in the drainage channel may have been discharged directly to the Penis Valley Storm Drain. Since 1974, the main oil/water separator (Site 9) has pretreated the runoff before its discharge off base. Primary contaminants of concern are polycyclic aromatic hydrocarbons (PAHs), which were detected in drainage ditch sediments. PAHs are a series of petroleum derivatives found in many fuel and asphalt compounds. Site 15 (Fire Protection Training Area Number 3). This site is located southeast of runway 12-30 and between Sites 5 and 7. The area was developed in 1978 and was reportedly constructed by placing an underdrain system and gravel over a clay liner. Firefighting water, solutions of Aqueous Film Forming Foam (AFFF), and residual fuel used during training exercises were drained to a formerly unlined water holding pond located adjacent to Site 15. Approximately 6,000 gallons per year of contaminated JP-4 have been burned in framing exercises since the facility was constructed in 1978. The site is no longer being used as a fire training area. The primary contaminant of concern is phenanthrene, a PAH. Selected Remedy (as described in the OU 1 ROD): For both Sites 10 and 15, the preferred method of cleanup of these soils is excavation and low-temperature thermal desorption. Need for Explanation of Significant Differences (ESD): The Record of Decision (ROD) selected remedy for soils at Sites 10 and 15 was excavation and low temperature thermal desorption. The soils were excavated and treated by bio-remediation and properly recycled to approved regulatory standards. This ESD will be entered in the Administrative Record maintained at March AFB. An Explanation of Significant Differences for Operable Unit 01 for the March Air Force Base Site was completed in August 2000. Sites that require soil remediation include Sites 4, 10, 15, 18, 31, 34. Sites that require groundwater remediation include OU1 and Sites 4,18, and 31 groundwater plumes. Sites with No Further Action Planned: Site 5,7,9,13,14,16,29,38.
OU 2: In 1980, the Installation Restoration Program (IRP) was developed by the Department of Defense as the mechanism for the CERCLA process, incorporating applicable Resource Conservation Recovery Act (RCRA) regulations as well as meeting requirements of the National Oil and Hazardous Substance Pollution Contingency Plan (NCP) (40 CFR. Part 300). The Air Force conducted a Phase I records search of 30 potentially contaminated IRP sites on the Base. There are now a total of 44 IRP sites at the former March AFB and current March ARB. The primary contaminants identified in the IRP include chlorinated

MARCH AIR FORCE BASE (Continued) **1000169261**

solvents, fuels, polychlorinated biphenyls (PCBs), and polynuclear aromatic hydrocarbons (PAHs). Contamination by PAHs and PCBs appears to be restricted to surface and near-surface soils whereas fuel hydrocarbons and solvents tend to be predominant contaminants in subsurface soils and groundwater. The lead agency for cleanup of the closed portions of March AFB is the Air Force. The EPA, the California Department of Toxic Substances Control (DTSC), and the Santa Ana Regional Water Quality Control Board (RWQCB) are all support agencies for cleanup activities at the Base. The current land use and adjacent land use for most of the OU 2 Air Force Real Property Agency (AFRPA) sites is vacant land/open space with limited commercial and residential land use adjacent to some of the sites. Site 3 and the adjacent areas are undeveloped land. Site 6 contains an engineered waste cell. There is a residential area to the south and a golf course is to the east of Site 6. Site 12 was the former civil engineering yard with numerous structures. Site 12 is not currently utilized. Residential land use occurs to the east of Site 17. Air Force commercial facilities such as offices are located to the north and west of the Site 17. Site 19 is currently a part of the operating wastewater treatment plant. Structures relating to plant operations are located on-site and to the west and north. Site 20 and 26 and the adjacent areas are undeveloped land. A former water treatment plant is south of Site 26 and west of Site 20. This facility is no longer used. Site 23 is an active agricultural area, surrounded by currently vacant land to the north, south and east. Air Force land consisting of open space is west of Site 23. Site 25 and the adjacent areas is undeveloped land, with nearby residential development to the south. The three Site 35 subareas and Site 42 are former UST locations within landscaped areas adjacent to structures. The areas near Site 35a, 35b and Site 42 are still actively used as office and dormitory areas, but the Site 35c area is no longer used. Sites 30 and 40 are open space with some riparian vegetation. A residential area is located to the north and west of Site 40. The OU 2 sites are located on that portion of March AFB that may be converted to non-Air Force use. Site 23 is on private land. The anticipated land use for most of the OU 2 Air Force Real Property Agency (AFRPA) sites is commercial or industrial use. Alternative land uses have also been assessed and areas of West March could remain open space such as the Stephens' Kangaroo Rat (SKR) Conservation Area. March AFB is located in the North Perris Groundwater Basin. Currently, there are no potable groundwater resources extracted at the OU 2 AFRPA sites. The relatively thin water-bearing zone on West March is not anticipated to yield substantial quantities of water. Therefore, the potential for extraction and use of groundwater from the West March AFRPA sites is limited, both now and in the foreseeable future. Water-bearing zones producing sufficient groundwater for use may be present at AFRPA sites on the Main Base and Site 23, and should be considered a potential potable water source. Surface water is not currently used at the OU 2 AFRPA sites. Surface water areas such as at Site 6, 30 and 40 may remain as wetlands depending on future site development. OU2 consists of a number of sites. Each site is described below. Site 3 is a former 23-acre landfill located south of Cactus Avenue and west of Plummer Road. Riparian vegetation is found in the drainage areas. Site 3 is located in the 1,300-acre Stephens' Kangaroo Rat (SKR) reserve. The Site 3 landfill was used from 1954 through 1974. The landfill received household and dumpster waste, construction debris, and military waste from the Base. The military wastes included empty tanks, spent munitions, and miscellaneous wastes such as parachutes, medical waste, and fire hoses. Some of the contaminants found in the wastes included volatile organic compounds, pesticides, PCBs, PAHs, and munitions residues. The Air Force was concerned that the waste in the landfill might contaminate the soil and groundwater. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the landfilled waste. An interim removal action was completed in late 1995 and early 1996.

MARCH AIR FORCE BASE (Continued) **1000169261**

Approximately 223,200 cubic yards of landfilled materials and soil were removed. Excavated materials from Site 3 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 6 is located on West March, north of the Air Force Village West residential development, south of Van Buren Boulevard, east of Plummer Road, and west of Air Force Village West Drive. The landfill comprised three discrete areas: Site 6a (approximately 15 acres) the location of the main former landfill area; Site 6b Quarry (approximately 0.6 acre) the location of a former quarry; and Site 6b Pond (approximately 2.6 acres) the location of a pond. Site 6 was used by March AFB from the early 1950s to the early 1 980s for disposal of household waste and construction debris. Polynuclear aromatic hydrocarbons (PAHs), PCBs, pesticides, herbicides, and dioxins were found in samples of soil and water collected during the OU2 RI. An interim, removal action was conducted in 1995; approximately 63,000 cubic yards of waste were removed from Site 6a and temporarily stockpiled. Waste at Site 6a was removed from the vadose zone and beneath groundwater including soil contaminated with petroleum hydrocarbons. Waste was also removed from the pond, including debris and tar. Two engineered waste cells, over 12 acres in size, were constructed in the Site 6a area. No confirmation samples were taken of soils and bedrock under Site 6a because the bottom of the excavation was below the water table and sample results would not be meaningful. This site was treated as a closure in place rather than a clean closure. Stockpiled waste from Site 6a was landfilled back into the engineered waste cells over Site 6a. Excavated materials from Site 6a to be disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 12, the 20-acre Base Civil Engineering Yard, is located north of MacDill Street, between Lackland Avenue and Travis Avenue. The area is developed with numerous structures and is partially paved with asphalt. From the l950's to 1996, Site 12 was the civil engineering yard for general maintenance operations for March AFB. It included a carpentry shop, electrical shop, paint shop, pesticide shop, and storage areas for heavy equipment. These shops used and stored a variety of hazardous materials including paints and paint-related products, pesticides, solvents, acids, and drums labeled hazardous waste. During the OU2 RI, PAHs and hexavalent chromium were found in soil samples. The contaminant 1,1-dichloroethene (1, 1-DCE) was found in soil vapor samples in a small area in deeper soils near Building 2507. Groundwater beneath Site 12 has become impacted by trichloroethene (TCE) and tetrachloroethene (PCE). The groundwater contamination is in a small area and is only slightly above maximum contaminant levels (MCLs). Periodic monitoring of the groundwater to observe changes in contaminant concentrations is being conducted. After discussions with the regulatory agencies and the public, a limited interim removal action was taken in 1996 to ensure that the site could be used for industrial purposes by removing soils contaminated with PAHs and hexavalent chromium at the northwest portion of Site 12. Approximately 2,000 cubic yards of non-hazardous contaminated soil was excavated from a small area in the northwest portion of the site and placed in the engineered waste cells at Site 6. Excavated materials from Site 12 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and prior to excavation activities for the removal action according to approved work plans. Site 17 is a former Base swimming pool located on the Main Base on U Street between DeKay and K Streets. The area is vacant land, adjoining Base housing to the east and south. The former swimming pool at Site 17 was closed in the 1 970s. After it was closed, the pool was used as a disposal site and the wastes were covered with soil. After

MARCH AIR FORCE BASE (Continued) **1000169261**

discussions with the regulatory agencies and the public, a decision was made to clean the site by removing the waste. The pool and its contents were removed during a 1994 interim removal action. The wastes were taken off the Base for disposal. After the interim removal action, low levels of PCBs were still detected in soils at least 8 feet beneath the ground surface. The pool excavation was filled with clean soil, leaving the PCBs in place. No PCB contamination has been found in the groundwater and the PCBs are not expected to migrate to groundwater. Confirmation sampling conducted after the interim removal action demonstrated that PCBs remain at the site at levels of concern to human health Site 19 is about 7 acres in size, located at the southern end of West March, east of the active wastewater treatment plant. The site is generally vacant land with four concrete lined drying beds in the western portion of the site. Site 19 contains the four active lined sludge-drying beds and three inactive, unlined sludge-drying beds associated with the wastewater treatment plant. The plant was constructed in 1941 and used to process the wastewater from Camp Haan and March AFB. A total of 10 sludge-drying beds have historically been used at the site. Three of these beds have been backfilled. In 1990 when the plant was upgraded, four lined drying beds were constructed at the location of previously unlined beds. In the past, wastewater treatment sludge was spread out in the unlined drying beds to dry. When dry, the sludge was removed from the drying beds. Recently, the dried sludge has been removed from the Base for disposal. Past disposal practices are unknown. PAHs, PCBs, hexavalent chromium, and thallium were found in soil samples in the area of the unlined sludge beds at levels above residential PRGs. Site 20 is located adjacent to the southwest portion of March AFB, on the property acquired by the Department of Veterans Affairs from the Air Force in the 1970s. Site 20 is a former landfill about 7 acres in size used between 1958 and 1965 as a disposal site for household waste and construction debris. Some of the chemicals found in the soils at Site 20 included PAHs, dieldrin, PCBs, and 1 ,4-dichlorobenzene. The Air Force was concerned the waste in the landfill could contaminate soil and groundwater. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the landfilled waste. The interim removal action at Site 20 was conducted in conjunction with the removal of dried sludge at Site 26a and 26b Dried sludge of Site 26b covered a portion of Site 20. Approximately 116,000 cubic yards of non-hazardous soil, debris, and dried sludge were removed from Sites 20 and 26 in 1996 and placed in the engineered waste cells at Site. Excavated materials from Site 20 to be transported to and disposed of in he engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans According to the As-Built Construction Report OU2, Site 6a, all materials from Site 20 placed in the Site 6 engineered waste cells met the requirements of CCR Title 23, Section 2523 (currently CCR Title 27, Section 20220) for a non-hazardous solid waste landfill. After the waste was removed from Site 20, confirmation samples from beneath the former landfill were tested. The results confirmed that the site had been cleaned to levels protective of human health and the environment. No restriction on future use of the land is required. Site 22 is a suspected former landfill east of and adjacent to Interstate 215. The original 7-acre area of Site 22 was expanded to 15 acres by extending the northern site boundary to ensure all potential areas of concern were investigated. The location of the landfill was based on limited evidence. Investigations could not locate any landfllled materials or debris. Geophysical surveys were used to fmd buried metal or disturbed soils. Soil gas sampling was also conducted at this site. Finally, soil and groundwater were sampled. No contaminants were found in any of the samples and the geophysical surveys found no buried waste. This evidence showed that a landfill did not exist in this area. This site was investigated during the OU2 remedial

MARCH AIR FORCE BASE (Continued) **1000169261**

investigation and levels of contamination requiring remedial action were not identified. There was no risk assessment completed on Site 22 because no contaminants were found and the site poses no risk to human health or the environment. No restriction on future use of the land is required. Site 23 is located off-Base to the east, near the intersection of Nandina Avenue andHeacock Street in the City of Moreno Valley. Between 1938 and 1977, Site 23 was a 1-acre holding pond for wastewater that had been treated and used for irrigation of agricultural crops. In 1991, the pond was filled in, and it and the surrounding areas were leveled. The land is now used as a commercial sod farm and irrigated with reclaimed water from the Moreno Valley wastewater treatment plant. This site was investigated during the OU1 remedial investigation and no contamination requiring remedial action was identified. There was no risk assessment completed on Site 23 because no contaminants were found and the site poses no risk to human health or the environment. No restriction on future use of the land is required. Site 24 is a former 3-acre landfill, west of Site 19. Site 24 was reportedly used between 1941 and 1965 to dispose of household waste and military waste. A small amount of soil from bullet backstop berms may have been placed in the landfill as well as some ash from an incinerator. Some of the contaminants found in the waste included PAHs, PCBs, antimony, barium, and cadmium. The Air Force was concerned that the waste in the landfill could contaminate groundwater. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the landfilled waste. In December 1996, approximately 19,300 cubic yards of non-hazardous, landfilled waste was removed and placed in the engineered waste cells at Site 6. Excavated materials from Site 24 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 25 covers approximately 33 acres and is located south of Cactus Avenue. Site 25 was used in the past for open air detonation and burning of munitions. Three areas with shallow trenches were used to bury munitions residue after destruction. Some of the contaminants found in the soils at this site included nickel, l,3,5-trinitrobenzene, nitroglycerin, benzo(a)pyrene, and RDX, all of which are munition residues. Additionally, 1,1 -dichloroethene was also found. The Air Force was concerned that the contaminants in soil would cause groundwater contamination. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the debris and contaminated soils. Approximately 3,000 cubic yards of non-hazardous waste from the trenches and contaminated soils were removed and disposed of in the engineered waste cells at Site 6. Excavated materials from Site 25 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents at a rate of about 1 sample for every 200 cubic yards of excavated materials during the removal action. Testing was also performed as part of the remedial investigation. Site 26 covers approximately 3 acres and is located in the southwest portion of March AFB. Site 26 is subdivided into two areas, Site 26a and 26b. Site 26b is located over a portion of the Site 20 landfill. Site 26a is located on property controlled by the AFRPA and Site 26b is on the property of the Department of Veterans Affairs. Site 26 was used for disposal of lime sludge that was a waste from the treatment of drinking water for March AFB. From 1941 to 1984, the water treatment plant treated Colorado River water used to supplement the drinking water supply for the Base. Arsenic from the treated Colorado River water was found in the lime sludge at low levels. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the sludge. As mentioned in the description of the landfill at Site 20, approximately 116,000 cubic yards of non-hazardous soil and dried sludge were removed from Sites 20 and 26 in 1996 and disposed of in the engineered

MARCH AIR FORCE BASE (Continued) **1000169261**

waste cells at Site 6. Excavated materials from Site 26 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 30 covered approximately 40 acres, south of Alessandro Boulevard and west of Interstate 215. Site 30 is located in the 1,300 acre SKR reserve. There is no evidence that Site 30 ever operated as a March AFB-controlled landfill, but illegal dumping of domestic waste from the surrounding community has occurred and some minor amounts of construction debris were found. Soil and groundwater samples taken at the site did not detect contaminants at levels not protective of human health. After discussions with the regulators and the public, a decision was made to clean up the site by removing the domestic and construction debris. Domestic and construction debris was, removed from the site in April 1997 and disposed of off the Base. The Air Force has installed gates on access roads to prevent vehicular traffic to the site. Warning signs were placed in several areas, and gates remain padlocked to help prevent access by unauthorized persons. Site 35 consisted of three subareas (Sites 35a, 35b, and 35c) located in the former 15th Air Force Headquarter complex on West March. The subareas were locations of former underground storage tanks (USTs) associated with. Buildings 3409 (Site 35a), 3417/34 18 (Site 35b), and 3406 (Site 35c). Site 35a, a former 8,000-gallon fuel oil tank, was located west of Allen Avenue and south of 11th street, east of Building 3409. Site 35b, two former diesel tanks of 6,650-gallon and 3,500-gallon, was located between Building 3417 and 3418, west of Allen Avenue and Bundy Avenue. Site 35c, a former 1,000-gallon diesel tank, was located north of 5th Street and west of Dalla Avenue, east of Building 3406. All tanks have been removed and the locations closed without restrictions in accordance with state and county regulations. Fuel leaks have been associated with the tanks at Site 35. Sites 35a and 35b were investigated during the OU2 remedial investigation and other studies and levels of contamination requiring remedial action were not identified. After discussions with the regulatory agencies, the Air Force decided to clean up the soil by bioventing at Site 35c where fuel had leaked. Bioventing has reduced diesel fuel contamination to levels protective of human health and the environment at Site 35c. No restriction on future use of the land is required.
Site 40 covers approximately 49 acres on West March, north of Van Buren Boulevard and west of Plummer Road. The most prominent feature at the site is the abandoned quarry, containing a pond with riparian vegetation. The pond is replenished by groundwater and by surface flow from an intermittent stream channel entering the pond from the west. Site 40 is located in the 1,300 acre SKR reserve. Site 40 was used as a disposal location for drums, construction debris, battery casings, and motor vehicle parts. After discussions with the regulatory agencies, a decision was made to complete an expedited cleanup of the area exposed by the erosion and other debris at the site. The time-critical removal action completed in 1994 included removal of the drums, miscellaneous waste, and contaminated soil. Hazardous waste from the site was taken off the Base for proper disposal. Approximately 6,800 cubic, yards of non-hazardous materials were disposed of at the Site 6 engineered waste cells. Excavated materials from Site 40 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents at a rate of about one sample for every 100 cubic yards of excavated materials during the removal action. Testing was also performed as part of the remedial investigation. Building 3404 is located on less than one acre near the intersections of 1 1th Street and Davis Avenue on West March. Transformers located in Building 3404 reportedly leaked oils containing PCBs onto the floor of the transformer room. These oils were also spilled onto the soil surrounding the building. After discussions with the regulatory agencies and the public, a decision was made to clean up the area outside of Building 3404 by removing the

MARCH AIR FORCE BASE (Continued) **1000169261**

contaminated soil. In the interim removal action, the contaminated soils were excavated and taken offsite for proper disposal. A total of 330 tons of contaminated soils were removed from the site. The PCB concentrations were low enough to allow disposal of 292 tons of contaminated soils as non-hazardous waste. An additional 38 tons was disposed of off the Base as hazardous waste. Clean fill was placed in the excavation to grade and a gravel cover was placed on top of the previously excavated area. Confirmation sampling conducted after the interim removal action confirmed that the site had been cleaned to levels protective of human health and the environment. No restriction on future use of the land is required. Transformer oils may be present in the concrete floor of Building 3404. The Air Force attempted to remove the PCBs from the concrete. Minimal levels of PCBs were left and have been encapsulated. The concrete is not addressed in this AFRPA OU2 ROD because building interiors are not regulated under CERCLA. The current landowner, the County of Riverside, has entered into a land use covenant with the State that restricts use of the building to industrial activities and contains other measures to prevent exposure to residual contamination. The current land use and adjacent land use for most of the OU2 AFRPA sites is vacant land/open space with limited commercial and residential land use adjacent to some of the sites as discussed below. Site 3 and the adjacent areas are undeveloped land. Site 6 contains an engineered waste cell. There is a residential area to the south and a golf course is to the east of Site 6. Site 12 was the former civil engineering yard with numerous structures. Site 12 is not currently utilized. Residential land use occurs to the east of Site 17. Air Force commercial facilities such as offices are located to the north and west of the Site 17. Site 19 is currently a part of the operating wastewater treatment plant. Structures relating to plant operations are located on-site and to the west and north. Site 20 and 26 and the adjacent areas are undeveloped land. A former water treatment plant is south of Site 26 and west of Site 20. This facility is no longer used. Site 23 is an active agricultural area, surrounded by currently vacant land to the north, south and east. Air Force land consisting of open space is west of Site 23. Site 25 and the adjacent areas is undeveloped land, with nearby residential development to the south. The three Site 35 subareas and Site 42 are former UST locations within landscaped areas adjacent to structures. The areas near Site 35a, 35b and Site 42 are still actively used as office and dormitory areas, but the Site 35c area is no longer used. Sites 30 and 40 are open space with some riparian vegetation. A residential area is located to the north and west of Site 40. The OU2 sites other than site 23 discussed in this AFRPA OU2 ROD are located on that portion of March AFB that may be converted to non-Air Force use. Site 23 is on private land. The anticipated land use for most of the OU2 AFRPA sites is commercial or industrial use. Alternative land uses have also been assessed and areas of West March could remain open space such as the SKR Conservation Area. March AFB is located in the North Perris Groundwater Basin. Currently, there are no potable groundwater resources extracted at the OU2 AFRPA sites. The relatively thin water-bearing zone on West March is not anticipated to yield substantial quantities of water. Therefore, the potential for extraction and use of groundwater from the West March AFRPA sites is limited, both now and in the foreseeable future. Water-bearing zones producing sufficient groundwater for use may be present at AFRPA sites on the Main Base and Site 23, and should be considered a potential potable water source. Surface water is not currently used at the OU2 AFRPA sites. Surface water areas such as at Site 6, 30 and 40 may remain as wetlands depending on future site development. A Record of Decision (ROD) for OU2 was completed May 11, 2004. A ROD addressing OU2 was completed in September 2005. Operable Unit (OU) 4: A total of three IRP sites (IRP Sites 21, 41, and 44), three AOCs (Water Tower 3410, Water Tank 6601, and the former Base Hospital and Dental Clinic), and one RFA site (Site L) are addressed in this OU4. Site 21 is off

MARCH AIR FORCE BASE (Continued) **1000169261**

base approximately 1.5 miles south of the southern extension of the active March ARB runway. Although never physically part of March AFB, the site is considered to be part of the former base for purposes of the IRP because treated wastewater produced on base was held in this off-base pond. John Cordures, property owner until his death, used the water for irrigation of surrounding agricultural land from 1941 to 1946 and again from 1955 to 1984. The estate was sold to Ross Department Stores in 2001. The site is near the intersection of Morgan Street and Webster Avenue, in the City of Perris. Site 21 encompasses 1.5 acres and is part of a landscaped berm and below-grade parking area for warehouse trucks associated with a Ross warehouse distribution facility. The general surface-water drainage in the area is to the east following the gently sloping terrain (surface gradient at the site is approximately 20 to 40 feet per mile). Bedrock was not encountered during the investigation phases at Site 21. Groundwater at Site 21 is at a depth of more than 150 feet below ground surface (bgs) and the general groundwater flow direction is to the south and southeast. Site 21 was used from 1941 to 1946, and again from 1955 to 1984, to hold treated wastewater from the base. Sanitary and industrial wastewater received primary and secondary treatment on the base prior to discharge into this holding pond. The treated effluent was held in the pond and used for irrigation of the surrounding agricultural land. The boundaries of the effluent pond were physically well defined by the pond's berm during the 1993 OU1 Remedial Investigation/Feasibility Study (RI/FS). At that time the site covered an area of approximately 2.2 acres and was being used by private parties as an illegal dump. In approximately 1998, the berm was removed, and the site was incorporated into the surrounding sod farm. In 2001, the land was sold and the former pond area now consists of a landscaped berm on the west side of the site and a truck parking area that lies approximately 8 feet below grade on the east side. Based on historic use, the primary contaminants of concern at Site 21 include metals, volatile organic compounds (VOCs), and pesticides. Site 21 is part of a Ross warehouse distribution facility in the city of Perris. Adjacent and surrounding land uses consist of commercial/industrial development, and some land is in agricultural production. Although much of the surrounding property is currently agriculture, other properties are zoned for light industrial/commercial. As development occurs, agriculture zoning will likely change to general industrial. Site 41 is approximately 1 mile south of State Highway 58 and 11 miles east of Kramer Junction (the intersection of U.S. Highway 395 and State Highway 58) in San Bernardino County, California. Structures currently remaining at the site include a concrete bunker no longer in use. The general surface water drainage is to the northeast following the very gently sloping terrain (surface gradient at the site is approximately 20 to 40 feet per mile). Depth to beneficial groundwater is approximately 300 feet bgs. However, perched zone water is found between 100 and 150 feet bgs at nearby sites. A regional hardpan soil, approximately 3 to 4 feet thick at a depth of approximately 34 feet bgs, is reported in the area. The Air Force obtained right of entry for an approximate 315-acre parcel from the Bureau of Land Management (BLM) in the late 1950s for construction and operation of a radio relay station for use by George AFB. The parcel was transferred to Edwards AFB in 1963 and to March AFB in February 1968. The Radio Relay Annex was declared excess and was scheduled for deactivation in October 1968. The station facilities included a septic system, storage tanks for water and petroleum products, 4 miles of runway, a radio tower, a water well, an aboveground bunker, and several support buildings. The Air Force closed the station in the mid-1980s. Investigations and cleanup actions were conducted between February 1995 and May 1996 and included identification and removal of asbestos-containing material and lead-based paint, destruction of the water-supply well, removal of underground storage tanks (USTs) (oil, water, and septic) and contaminated soil, and

MARCH AIR FORCE BASE (Continued) **1000169261**

confirmation sampling. Small amounts of diesel fuel leaked from the USTs. Based on historic use, the primary contaminant of concern at the site is total petroleum hydrocarbons (TPH) diesel fuel. Site 41 is in a remote area of the Mojave Desert. The Hawes site extends across 315 acres of desert land. The site is in the process of being transferred from the DOD back to the BLM, and the site will likely remain vacant due to its remote location and reversion to BLM control. Site 44 is in the central portion of the March ARB, east of the intersection of Graeber Street and Meyer Drive. Site 44 includes a 110-foot-tall, 200,000-gallon water tower, two large water storage tanks, and several buildings used by March ARB water system maintenance personnel. The area is characterized by relatively flat topography. A concrete-lined drainage ditch, just north of the site, flows eastward to the Heacock Storm Drain that drains south along the eastern perimeter of the former base. Groundwater at Site 44 is estimated to be approximately 30 feet bgs. Groundwater flow direction in this area is generally to the south and southeast. The water tower at Site 44 utilized a valve controller with a 6-inch mercury pot for water flow control. Past spills from the mercury pot caused mercury contamination of soils beneath and surrounding the valve controller. The flow controller at the water tower was in a subsurface valve box, 12 feet below grade. During a construction project to place a concrete floor in the below-grade box, approximately 80 cubic feet of soil were removed and stockpiled south and east of the valve box. In November 1995, the Air Force contracted to characterize the valve box and surrounding area for elemental mercury contamination. Based on the results of initial investigations at Site 44, the Air Force initiated a removal action. Soil was excavated in several discrete areas around the water tower. The primary soil removal areas were the valve box and surface soils in areas adjacent to the borings that identified "hot spots" of contamination. The excavated soil was segregated and packaged for off-site disposal. Once excavation of the valve pit was completed, the site was restored by filling the excavated area with sand to approximately 3 feet below the valve. A 6-inch-thick concrete floor was installed in the bottom of the valve pit. Land uses on adjacent and surrounding properties are exclusively industrial and commercial. As Site 44 will remain Air Force property, Site 44 is expected to stay industrial/commercial in the foreseeable future. Water Tower 3410 is an aboveground water storage tank on Former March AFB at the intersection of Plummer Road and 11th Street. Water Tower 3410 is in an area characterized by relatively flat topography, with a gentle slope to the east/northeast. No surface water bodies or major surface water drainages are associated with the site. Groundwater levels underlying Water Tower 3410 are between approximately 33 and 48 feet bgs. The groundwater flow direction is to the east. Although Water Tower 3410 was not specifically included in the Basewide RI/FS Work Plan, due to the presence of mercury pot water flow controllers at other March water storage facilities and the similarity of Water Tower 3410 with Water Tower 407 (Site 44), it was suspected that Water Tower 3410 might also have mercury-contaminated soils. March ARB Department of Public Works was contacted to determine if a mercury vault ever existed at the site. Interviews with Department personnel indicated that the building never contained a mercury vault. The only mercury controls at Water Tower 3410 are those that control associated pumps. Four aboveground controls are attached to the water tower rather than in a vault and contain only small amounts of elemental mercury. Water Tower 3410 is in an area characterized by industrial/commercial land use intermixed with vacant parcels. Adjacent and surrounding land use is also a mix of industrial/commercial use and vacant parcels. March Joint Powers Authority (MJPA) plans for the area, including Water Tower 3410, are for an industrial/business park. Water Tank 6601 is an aboveground storage tank north of Van Buren Boulevard and west of Plummer Road, west of 1-215. Water Tank 6601 is at an elevation of approximately 1,660 feet

MARCH AIR FORCE BASE (Continued) **1000169261**

above mean sea level. The site is characterized by highly dissected upland topography and consists of highly eroded gullies and exposures of weathered bedrock. The primary flow of surface water in the vicinity of Water Tank 6601 is to the east. One primary intermittent stream channel drains to the east near the facility. The site is underlain by shallow surface soils, with a maximum thickness of soil only tens of feet thick. Based on information presented by Tetra Tech in the OU2 RI/FS, just south of the water tank, groundwater is encountered in weathered bedrock at depths ranging from 10 to 40 feet bgs. Groundwater flow is generally to the east. Water Tank 6601 is an active, 200,000-gallon water tank constructed in approximately 1942, with valves, piping, and electronic controls inside a fenced area with a concrete floor and a metal roof. The enclosure was constructed in the mid 1980s, in response to repeated vandalism at the site. Each incidence of vandalism resulted in releases of elemental mercury at the site due to breakage of a reservoir or "mercury pot." Some of the elemental mercury was recovered after each incident; however, no formal cleanup actions were performed. A cage was constructed to protect the controls from additional vandalism. The mercury control was removed and replaced with controls without mercury prior to the OU4 RI/FS investigation. Water Tank 6601 is in an undeveloped area, which is fenced. Adjacent and surrounding land use is mixed industrial/ vacant. Water Tank 6601 is expected to remain industrial. MJPA plans for the adjacent and surrounding land are for industrial/commercial development. The former base Hospital and Dental Clinics are in the northeast corner of the former base, near the intersection of Cactus Avenue and Heacock Street. The main Hospital building is five stories and the Dental Clinic is a one-story structure. The surface topography in and around the site is relatively flat with a gentle slope (surface gradient at the site is approximately 20 to 30 feet per mile). Major drainage features lie north and east of the site and consist of intermittent drainage channels (Cactus Channel Storm Drain and Heacock Storm Drain). There are no major drainages across the site, and there are no perennial water bodies near the site. While groundwater was not part of the investigation, groundwater is reported to be 25 to 30 feet bgs in the area of the former hospital and dental clinic. Groundwater flow direction is to the south and east. Construction of the Hospital was completed in 1966 and modified in subsequent years. The latest addition was completed in 1974. The original construction of the Dental Clinic was completed in 1985. A sewer main extends from the Hospital/Dental Clinic complex, south along the eastern base boundary to the last manhole before the connection of the hospital lines with the "old trunk line" from western portions of the March ARB. The sewer line, which services both the Hospital and Dental Clinic, was first brought on line with completion of the original hospital building. Two primary lines collect effluent from the complex. The two lines ultimately empty into the old sewer main that flows directly south to the current lifting station, from which sewage is transferred around the south end of the active runway to the current wastewater treatment plant. The former base Hospital and Dental Clinic are in an area characterized by institutional (i.e., medical) land use. Adjacent and surrounding land use is a mix of residential, commercial, a small amount of vacant property and land in agricultural use, and a small corridor of public facilities to the east of the Hospital for an electrical transmission line easement. MJPA plans for the Hospital/Dental Clinic site are for similar reuse. Site L, formerly a swimming pool at the Non-Commissioned Officer (NCO) Club, is east of Riverside Drive and north of Meyer Drive. The site is outside the boundary of March ARB that was established as a result of the realignment of March AFB in May 1996. It is part of the land identified as available for transfer by the AFRPA. Site L is in an area characterized by relatively flat topography. No major drainages are associated with the site. Groundwater levels at the site are approximately 26 feet bgs. The groundwater

MARCH AIR FORCE BASE (Continued) **1000169261**

flow direction is to the southeast. The swimming pool at Site L was reportedly constructed in 1953 along with the NCO Club. After decommissioning at an unspecified time, it was used as a repository for a variety of wastes, some potentially hazardous. The pool and wastes were covered with soil, and the area was allowed to become overgrown with grass and weeds. The facility was abandoned and a chain-link fence restricted access to the former pool. In 1993, the pool was identified as an AOC during a comprehensive RFA/Expanded Source Investigation (ESI), which concluded that the pool was filled with a variety of wastes, including waste soils, solvents, and PCBs. In 1994, as part of the RFA investigation, a soil gas survey was conducted to screen for the presence of VOCs. No VOCs were detected above the laboratory reporting limits. Site L is currently open space (parking lot) with no structures, and is bordered on the north by vacant land and on the south by a parking area adjacent to Meyer Drive. The NCO Club is to the east of Site L, and the U.S. Army Reserve Center, with associated landscaping and parking is to the west. Surrounding land uses include institutional/medical, commercial, public facilities/recreation, and vacant land. The MJPA plans for Site L and the surrounding land are commercial in nature. A portion of the parcel in which Site L is located is currently leased to a catering business. A Record of Decision addressing OU4 was completed in September of 2005.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	02/01/85
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

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

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	02/01/87
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:	SITE INSPECTION
Date Started:	/ /
Date Completed:	06/01/87
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

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: / /
Date Completed: 06/01/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 07/14/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 11/21/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 02/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

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

Action Code: 001
Action: INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started: 02/07/90
Date Completed: 09/27/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
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: 09/27/90
Date Completed: 09/27/90
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: 004
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 01/24/92
Date Completed: 04/30/95
Priority Level: Not reported
Operable Unit: WEST MARCH - SOILS/GW
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: 04/07/96
Date Completed: 04/18/96
Priority Level: Not reported
Operable Unit: EAST MARCH - SOILS/GW
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

MARCH AIR FORCE BASE (Continued) **1000169261**

Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	09/27/90
Date Completed:	06/20/96
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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:	/ /
Date Completed:	06/20/96
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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:	Explanation Of Significant Differences
Date Started:	/ /
Date Completed:	08/24/00
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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 FIVE YEAR REVIEW
Date Started:	09/30/03
Date Completed:	11/19/03
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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:	004
Action:	RECORD OF DECISION
Date Started:	/ /
Date Completed:	05/11/04
Priority Level:	Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Operable Unit: WEST MARCH - SOILS/GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/27/90
Date Completed: 09/29/05
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.:

Action Code: 003
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/29/05
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.:

Action Code: 005
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/30/05
Priority Level: Not reported
Operable Unit: WEST MARCH - SOILS/GW
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 FIVE YEAR REVIEW
Date Started: / /
Date Completed: 09/30/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Action Anomaly: Not reported

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

Action Code: 001
Action: Restoration Advisory Board
Date Started: 01/01/93
Date Completed: / /
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: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 03/05/96
Date Completed: / /
Priority Level: Not reported
Operable Unit: EAST MARCH - SOILS/GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/30/05
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITE 8 & 36
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Federal Register Details:
Fed Register Date: 11/21/89
Fed Register Volume: 54
Page Number: 48184

Fed Register Date: 07/14/89
Fed Register Volume: 54
Page Number: 29820

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

MARCH AIR FORCE BASE (Continued) **1000169261**

RCRA-LQG:
Date form received by agency: 10/22/2014
Facility name: MARCH AIR RESERVE BASE
Facility address: 610 MEYER DR
MARCH ARB, CA 92518
EPA ID: CA4570024527
Mailing address: MEYER DR BLDG 2403
MARCH ARB, CA 92518
Contact: CRAIG R HUNTER
Contact address: MEYER DR BLDG 2403
MARCH ARB, CA 92518
Contact country: Not reported
Contact telephone: (951) 655-5082
Contact email: CRAIG.HUNTER.1@US.AF.MIL
EPA Region: 09
Land type: Federal
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

Owner/Operator Summary:
Owner/operator name: US AIR FORCE
Owner/operator address: GRAEBER ST, BLDG 470
MARCH ARB, CA 92518
Owner/operator country: Not reported
Owner/operator telephone: (951) 655-4665
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1947
Owner/Op end date: Not reported

Owner/operator name: COL. RUSSELL A MUNCY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 11/01/2013
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

MARCH AIR FORCE BASE (Continued) **1000169261**

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

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

MARCH AIR FORCE BASE (Continued) **1000169261**

SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 03/20/2013
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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

MARCH AIR FORCE BASE (Continued) **1000169261**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 07/15/2010
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: 181

. Waste code: 214
. Waste name: 214

. Waste code: 223
. Waste name: 223

. Waste code: 281
. Waste name: 281

. Waste code: 342
. Waste name: 342

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

. Waste code: 541
. Waste name: 541

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/26/2008
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U188
. Waste name: PHENOL

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

Date form received by agency: 02/08/2006
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/25/2004
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 04/10/2002
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Date form received by agency: 10/12/2000
Site name: MARCH ARB CA
Classification: Large Quantity Generator

Date form received by agency: 07/14/2000
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/04/1999
Site name: MARCH ARB, CA
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
Site name: MARCH AFB, CA
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: MARCH AIR FORCE BASE, CA
Classification: Large Quantity Generator

Date form received by agency: 03/30/1992
Site name: MARCH AIR FORCE BASE
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 04/27/1995
Date achieved compliance: 04/27/2000
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/28/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A

MARCH AIR FORCE BASE (Continued) **1000169261**

Area of violation: Generators - General
Date violation determined: 03/05/1984
Date achieved compliance: 04/04/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/18/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/02/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/06/1996
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/04/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/27/2000
Evaluation lead agency: EPA

Evaluation date: 03/05/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/04/1995
Evaluation lead agency: EPA

US ENG CONTROLS:
EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Actual Date: 09/30/2005
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 08/24/2000
Operable Unit: 01

MARCH AIR FORCE BASE (Continued) **1000169261**

Contaminated Media : Soil
Engineering Control: Bioremediation (Ex-Situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Other, (N.O.S.)

MARCH AIR FORCE BASE (Continued) **1000169261**

Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Impermeable Barrier
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Low Temperature Thermal Desorption
Contact Name: Not reported
Contact Phone and Ext: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Operations & Maintenance (O&M)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Recycling
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Groundwater
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2005
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

US INST CONTROL:
EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 09/30/2005

MARCH AIR FORCE BASE (Continued) **1000169261**

Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: 09/30/2005
Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Subdivision regulation
Actual Date: 09/30/2005
Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: 09/30/2005

MARCH AIR FORCE BASE (Continued) **1000169261**

Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 06/15/2004
Complet. Date: 05/11/2004
Operable Unit: 02
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 06/15/2004
Complet. Date: 05/11/2004
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Base use plan change
Actual Date: 09/30/2005

MARCH AIR FORCE BASE (Continued) **1000169261**

Complet. Date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: 09/30/2005
Complet. Date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

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

PRP:
PRP name: STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES
STATE OF CALIFORNIA/DEPT. OF WATER QUALITY
U.S. AIR FORCE
U.S. AIR FORCE

FINDS:

Registry ID: 110064127813

Environmental Interest/Information System
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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

MARCH AIR FORCE BASE (Continued) **1000169261**

HAZARDOUS WASTE BIENNIAL REPORTER

NY MANIFEST:

EPA ID:	CA4570024527
Country:	USA
Location Address 1:	BASE 22 CSG/DEEV
Location Address 2:	Not reported
Location City:	MARCH AIR FORCE BASE
Location State:	CA
Location Zip Code:	92518
Location Zip Code 4:	Not reported

Mailing Info:

Name:	UNITED STATES MILITARY - MARCH AIR FORCE
Contact:	UNITED STATES MILITARY - MARCH AIR FORCE
Address:	BASE - 22 CSG/DEEV
City/State/Zip:	MARCH AIR FORCE BASE, CA 92518
Country:	USA
Phone:	714-655-4858

Manifest:

Document ID:	NYA3918835
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	64661
Trans2 State ID:	Not reported
Generator Ship Date:	02/14/1986
Trans1 Recv Date:	02/14/1986
Trans2 Recv Date:	02/19/1986
TSD Site Recv Date:	03/21/1986
Part A Recv Date:	02/25/1986
Part B Recv Date:	03/27/1986
Generator EPA ID:	CA4570024527
Trans1 EPA ID:	GAD042097261
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00043
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1986

Document ID:	NYA2651571
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:	GATX43254
Generator Ship Date:	05/30/1985
Trans1 Recv Date:	05/30/1985
Trans2 Recv Date:	/ /
TSD Site Recv Date:	09/06/1985
Part A Recv Date:	06/25/1985
Part B Recv Date:	09/16/1985

MARCH AIR FORCE BASE (Continued) **1000169261**

Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01560
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: 100
Year: 1985

Document ID: NYA2651598
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: 05/28/1985
Trans1 Recv Date: 05/28/1985
Trans2 Recv Date: / /
TSD Site Recv Date: 07/10/1985
Part A Recv Date: 06/05/1985
Part B Recv Date: 07/23/1985
Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 05100
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: 100
Year: 1985

Document ID: NYA2651589
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: ACFX88990
Generator Ship Date: 05/24/1985
Trans1 Recv Date: 05/24/1985
Trans2 Recv Date: / /
TSD Site Recv Date: 07/10/1985
Part A Recv Date: 06/05/1985
Part B Recv Date: 07/23/1985
Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 06000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks

MARCH AIR FORCE BASE (Continued) **1000169261**

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 1985

Document ID: NYA3077741
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: ACFX88331
Trans2 State ID: ACFX88331
Generator Ship Date: 01/27/1986
Trans1 Recv Date: 01/27/1986
Trans2 Recv Date: / /
TSD Site Recv Date: 04/17/1986
Part A Recv Date: 01/31/1986
Part B Recv Date: 04/23/1986
Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 03500
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: 100
Year: 1986

ECHO:
Envid: 1000169261
Registry ID: 110064127813
FIPS Code: 06065
EPA Region: 09
Indian Country Flag: N
Federal Flag: Y
US Mexico Border Flag: N
Chesapeake Bay Flag: Not reported
NAA Flag: Y
Latitude: 33.90272
Longitude: -117.261116
Map Icon: MULT-UNK-MN-N.png
Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters: 50
Derived Tribes: San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 17 mile(s), San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 17 mile(s), Morongo Band of Mission Indians, California (previously listed as the Morongo Band of Cahuilla Mission Indians of the Morongo Reservation) - 19.7 mile(s), Soboba Band of Luiseno Indians, California - 20.9 mile(s), Soboba Band of Luiseno Indians, California - 24.1 mile(s)
Derived Huc: 18070202
Derived WBD: Not reported
Derived STCT FPS: 06065
Derived Zip: 92518

MARCH AIR FORCE BASE (Continued) **1000169261**

Derived CD113:	41
Derived CB2010:	060650467001102
Percent Minority:	83.217
Pop Den:	3681.43
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNY
Inspection Count:	0
Date Last Inspection:	11/02/2006
Days Last Inspection:	3244
Informal Count:	0
Date Last Informal Action:	04/28/1995
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	Unknown
Curr SNC Flag:	N
3yr Compliance Status:	UUUUUUUUUUU_
AFS Flag:	N
NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	CA0111007
CWA Permit Types:	Minor
CWA Compliance Tracking:	Off
CWA NAICS:	Not reported
CWA SICS:	9711
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	13710
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	0
CWA Curr Compliance Status:	Unknown
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	UUUUUUUUUUUU_
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	CA4570024527
RCRA Permit Types:	LQG
RCRA NAICS:	92811
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	7474
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110064127813
Facility SIC Codes:	9711
Facility NAICS Codes:	92811
Facility Date Last Inspection EPA:	04/04/1995
Facility Date Last Inspection State:	11/02/2006
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	04/28/1995
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

A1 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL** **CA LUST** **S106784700**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 1 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 10
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100289900
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL (Continued) **S106784700**

Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

A2 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 36 BLDG** **CA LUST** **S106784694**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 2 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 3
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321200
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 36 BLDG (Continued) **S106784694**

Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A3 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 14 LIQUID** **CA LUST** **S106784704**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 3 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 17
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100282000
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 14 LIQUID (Continued) **S106784704**

Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A4 **MARCH AIR RESERVE BASE** **CA ENVIROSTOR** **S104241831**
3,545 ACRES; EAST OF RIVERSIDE **CA HIST Cal-Sites** **N/A**
< 1/8 **RIVERSIDE, CA 92518** **CA Cortese**
1 ft.

Site 4 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

ENVIROSTOR:

Facility ID:	33970004
Status:	Active
Status Date:	07/13/1998
Site Code:	400689
Site Type:	Federal Superfund
Site Type Detailed:	Open Base
Acres:	2500
NPL:	YES
Regulatory Agencies:	SMBRP, RWQCB 8 - Santa Ana, US EPA
Lead Agency:	US EPA
Program Manager:	Stephen Niou
Supervisor:	Robert Senga
Division Branch:	Cleanup Cypress
Assembly:	40
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.09
Longitude:	-117.2630
APN:	NONE SPECIFIED
Past Use:	AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, DEGREASING FACILITY, DRY CLEANING, ENGINE TESTING/REPAIR, FIRE TRAINING AREAS, FUEL - AIRCRAFT STORAGE/ REFUELING, FUEL - VEHICLE STORAGE/ REFUELING, LANDFILL - DOMESTIC, MACHINE SHOP, OFFICE BUILDING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY
Potential COC:	Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-JET FUEL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Carbon tetrachloride Chloroform
Confirmed COC:	30013-NO 30018-NO Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chloroform Carbon tetrachloride TPH-JET FUEL

MARCH AIR RESERVE BASE (Continued) **S104241831**

Potential Description: OTH, SOIL
Alias Name: ALESSANDRO ARMY AIR FIELD
Alias Type: Alternate Name
Alias Name: |
Alias Type: Alternate Name
Alias Name: 110033608665
Alias Type: EPA (FRS #)
Alias Name: T10000005654
Alias Type: GeoTracker Global ID
Alias Name: T10000005916
Alias Type: GeoTracker Global ID
Alias Name: 16985
Alias Type: RB-PCA
Alias Name: 400689
Alias Type: Project Code (Site Code)
Alias Name: 33970004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/29/2005
Comments: DTSC has concurred with the OU2A ROD of March Air Reserve Base. The OU2A ROD addresses Sites 1, 11, 37, and 39. The key provisions of this ROD include institutional controls for Sites 1 and 11 where residual PAHs exist in the soil that are incompatible with unrestricted land use. The Air Force agreed to incorporate institutional control provisions into the base master plan. In case of base closure, the AF will require the purchasers to enter into State land Use Covenants with DTSC as a condition of land transfer. Sites 37 and 39 require no further actions.

Completed Area Name: OU 1
Completed Sub Area Name: STE34
Completed Document Type: * Remedial or Removal Design
Completed Date: 07/11/1996
Comments: Not reported

Completed Area Name: PCAS
Completed Sub Area Name: STE33
Completed Document Type: * Remedial or Removal Design
Completed Date: 07/08/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PANER
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/17/1996
Comments: O&M Site 33(PANERO): The Site 33 Pump and Treat System (PTS) consists of flow equalization tanks, an oil-water separator, air stripping, thermal oxidation of air stripper off-gas, and granular activated carbon polishing of the air stripper effluent. An internal combustion engine is used to treat vapors recovered by vapor extraction of the pumping wells. The PTS is designed to sustain continuous operation without direct operator control. Periodic surveillance and maintenance will be required to ensure reliable operation and compliance with regulatory requirements. Process performing

MARCH AIR RESERVE BASE (Continued) **S104241831**

monitoring of the vapor and water treatment systems will be conducted. This includes on-site sampling and tests of the influent streams, intermittent treatment points and the effluent streams to verify satisfactory operation, and timely change-out of the GAC treatment units to maintain regulatory discharge limits and cost effectiveness. Preventive equipment maintenance tasks, in accordance with the manufacturers recommend -ations, will be performed along with routine maintenance and record keeping activities. Normally, one field technician will be required to perform the routine O&M tasks, including well inspections and maintenance, pump overhauls, process instrument calibrations, equipment repairs and replacements. The manufacturer shall have local service representatives capable of responding to equipment failures or problems within 3 hours of initial contact.

Completed Area Name: OU 1
Completed Sub Area Name: SIT31
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/08/1996
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: SIT31
Completed Document Type: * Remedial or Removal Design
Completed Date: 05/08/1996
Comments: DES - SITE 31: This is part of OU #1. The practice of dis- charging solvents on the ground reportedly occurred from about the mid-1950s to the mid-1970s. In addition, floor drains from maintenance shops may have leaked solvents to the subsurface. The primary contaminants of concern at Site 31 are Trichloro- ethylene (PCE), and traces of other chlorinated solvents. The contaminants are contained within the soils and the groundwater and will require remediation to prevent further contamination of the OU#1 groundwater. Extensive studies to identify source locations, determine site characteristics and evaluate cost effective remedial alternatives have been performed. A dual phase extraction technology coupled with granular activated carbon treatment of extracted groundwater and soil vapor has been selected based on a pilot scale system shown to be a cost- effective method for remediation of this Site. The treatment system shall discharge treated water that will have a daily average concentration of 0.5 ppb TCE or less, and never will exceed a concentration of 5 ppb TCE. Treated groundwater will be reinjected into the aquifer combined with discharge of excess water to the Heacock Storm drain and/or the base sanitary sewer system, as required. Installation of process equipment, surface piping and electrical facilities is planned for the end of April, and startup of the system July 1996. This remedial action complies with the statutory preference for remedies as specified in the Record of Decision (ROD) for OU#1. ‘ O&M SITE 31: The Site 31 dual phase extraction and treatment system is designed to sustain continuous operation without direct operator control. Periodic surveillance and maintenance will be required to ensure reliable operation and compliance with regulatory requirement. Process performing monitoring of the vapor and water treatment systems will be conducted. This includes on-site sampling and tests of the influent streams, intermittent treatment points and the effluent streams to verify satisfactory operation, and timely change-out of the GAC treat- ment units to maintain regulatory

MARCH AIR RESERVE BASE (Continued) **S104241831**

discharge limits and cost effectiveness. Preventive equipment maintenance tasks, in accordance with the manufacturers recommendations, will be performed along with routine maintenance and record keeping activities. It is expected that the carbon change-out frequency will gradually decrease as the soil and groundwater contaminant levels decline with ongoing treatment. Initially the change-outs may occur once every 1-2 months and subsequently may decrease to once or twice a year for the groundwater treatment system. Normally, one field technician will be required to perform the routine O&M tasks, including wells inspections and maintenance, pump overhauls, process instrument calibrations, equipment repairs and replacements. Status reports along with analytical results and discharge records will be prepared and submitted as reqired for satisfactory operating control and regulatory compliance requirements. Qualified supervisory personnel will oversee execution of the O&M tasks to minimize costs, and ensure timely and accurate operating reports.

Completed Area Name: OU2
Completed Sub Area Name: SIT11
Completed Document Type: Removal Action Completion Report
Completed Date: 05/01/1996
Comments: RA - SITE 11: Site 11 is part of OU#2. It includes an area designated as the Liquid Fuels Management, Bulk Storage Facility. The leaking fuel line section was between the tank car unloading dock (Fuel Pump Station Building 2202 and Building 2340. These fuel lines transport fuels from the fuel storage tanks tot he flight line to enable refueling of aircraft. Leakage of the fuel line was discovered when March AFB personnel noticed a loss in line pressure during an integrity test of a section of the line between the fuel pump station and the flight line. Visual indications of a fuel leak were also observed in and around the concrete valult located adjacent to the fuel pump station. The objective of the Immediate Response Action was to remove and replace the leaking section of the sub-surface JP-8 fuel line. This was accomplished within a very tight schedule (approx. seven days) to prevent the use of outside trucks for delivery of fuels to the aircrafts. The removal action consisted of trenching to expose the sub-surface fuel lines and associated vault area including the demolishing and removal of overlaying asphalt and concrete, the removal of a 230 foot of JP-8 fuel line and a 210 foot section of an inactive JP-8 line was also removed, the placement of a new 8 inch steel JP-8 fuel line and a 12 inch steel road crossing sleeve and reconstruction of demolished concrete vault. Approximately, 380 cubic yards of contaminated soil was removed and stockpiled at Site 15 for remediation. Upon getting the new pipe section on-line the general site area was landscaped and restored to the original condition to the extent possible. This included the backfilling maximum dry density of the soil, and the replacement of the overlaying asphalt.

Completed Area Name: OU2
Completed Sub Area Name: STE 1
Completed Document Type: Feasibility Study Report
Completed Date: 03/25/1996
Comments: Not reported

Completed Area Name: OU 1

MARCH AIR RESERVE BASE (Continued) **S104241831**

Completed Sub Area Name: STE 9
Completed Document Type: Feasibility Study Report
Completed Date: 03/25/1996
Comments: RIFS - SITE 9: The removal of the OW/S will eliminate a potential source area for groundwater contamination in the future. This Site Specific Action Memorandum was prepared to evaluate and identify the most effective remedial alternative to remove the OW/S and dispose of the expected 100 cubic yards of oil contaminated soil. On-base consolidation with Site 6 lined waste cell provides the maximum level of regulatory compliance within the lowest cost level and is compatible with land use. Site 9 is recommended for military reuse under the Joint Power Authority preferred alternative. Site 9 vicinity may potentially have Beechy's Squirrel and Burrowing Owl, but excavation activities will be focused on the OW/S. No potential wetlands are located in Site 9 vicinity. ' RIFS - SITE 1: Soil sampling at Site 1 detected polycyclic aromatic hydrocarfons (PAHs) as contaminant of concerns. Ground- water samples detected metals; however, only manganese was detected above US Environmental Protection Agency Preliminary remediation Goals (PRGs). Soil from Site 1 was excavated during construction of the Air National Guard Alert Facility. Approximately, 3,100 cubic yards of PAH contaminated soil has been stockpiled on-site under plastic sheeting pending disposal. The risk assessment for Site 1 determined that no human health risk was present at the site because the exposure pathway was limited. Now that the soil has been disturbed, the soil stockpiled at Site 1 needs to be removed to preclude further exposure. This Site Specific Action Memorandum was prepared to evaluate and identify the most effective disposal alternative. The site is planned for Air National Guard use and will remain in military use. Site 1 is not a habitat for any endangered species and no perennial wetlands are located in its vicinity.

Completed Area Name: OU 1
Completed Sub Area Name: STE10
Completed Document Type: * Remedial or Removal Design
Completed Date: 02/02/1996
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: STE15
Completed Document Type: * Remedial or Removal Design
Completed Date: 02/02/1996
Comments: DES - SITE 10: This is part of OU#1. The drainage channel, which was installed prior to 1940, has reportedly received various oils , hydraulic fluids, diesel fuel, jet fuel, waste paints, paint strippers, paint thinners, battery acids and solvents. The drainage channel is concretelined (since the 1960s) up to the eastern boundary of the base where it discharges to the Perris Valley storm drain. The objectives of this remediation of contaminated sediment from Site 10, pursuant to the cleanup criteria set forth in the final OU#1 Record of Decision (ROD). Approximately 15 cubic yards of sediment material will be removed from the concrete-lined channel and transported off-site to Candelaria Environmental for bioremediation. ' DES - SITE 15: This is also part of OU#1. The Fire Training Area (FTA), Site 15, was developed in 1978 and was reportedly constructed by placing an underdrain system and gravel over a clay liner. Firefighting water, solutions of Aqueous Film Forming Form (AFFF) and residual fuel used

MARCH AIR RESERVE BASE (Continued) **S104241831**

during training exercises were drained to a formely unlined water holding pond located adjacent to the FTA. Approximately 6000 gallons per year of contaminated JP-4 have been burned in training exercises since the facility was constructed in 1978. The primary contaminants of concern are Benzene, Naphthalene, 2-Methylnaphthalene and Phenanthrene. The remedial actions for Site 15 will require the handling of two streams; the evaporation pond water and soils contaminated with PAHs. Approximately 4,500 gallons of water, from the evaporation pond, will be transferred to a base sewer inlet located one-half mile from Site 15 using a 5,000-gallon vacuum truck supplied by Environmental Dynamic. Approximately 8,950 tons of contaminated soil will be transported off-site to Candelaria Environmental for bioremediation. The objectives of this remedial action were set forth in the final OU# 1 Record of Decision (ROD).

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/14/1995
Comments: RAP OU#3: This ROD/RAP presents the remedial alternative selected to remediate soil and groundwater that is contaminated with petroleum hydrocarbons and solvent beneath Operable Unit #3 (OU#3). OU#3, which encompasses the former Panero Fueling facility, is located on the aircraft apron, between the flightline shops and the taxiway. The major components of the selected alternative include: 1. Institutional control, including fencing, site use restriction, and deed restriction of groundwater use. 2. Quarterly groundwater monitoring. 3. Continued free product recovery. 4. Soil remediation using soil vapor extracion and bioventing. 5. Groundwater source remediation using surfactant and in-situ bioremediation. 6. Groundwater dissolved plume treatment using groundwater pump and treat (Air Strippers) system. The remedy is estimated to achieve cleanup goals within 30 years. Approximate cost: $22,251,655.00

Completed Area Name: OU 1
Completed Sub Area Name: STE34
Completed Document Type: Removal Action Completion Report
Completed Date: 07/11/1996
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: STE34
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/11/1996
Comments: O&M - SITE 34: An area near the oil/water separator, which was improperly installed and is adjacent to Site 34, has been identified as a potential source of the mainly hydrocarbon contamination further to the northwest. In March 1994 the AF installed and began the operation of a bioventing treatability study project at Site 34 to determine the effectiveness of bioventing at this site. This study was completed in July 1996 and successfully demonstrated the effectiveness of bioventing for this site. The Operation and Maintenance (O&M) phase will consist of monthly checks of the bioventing system, completion of operation/maintenance/repair manuals and respiration tests every 6 months of operation. In addition, oxygen, carbon dioxide and hydrocarbon concentrations from the vapor monitoring wells will be monitored on a monthly basis. The O&M of the

MARCH AIR RESERVE BASE (Continued) **S104241831**

bioventing system will be performed for a duration of one year after installation and start-up. Data collected from the monthly monitoring is evaluated and used as the basis for adjusting the air flow into the subsurface. Preventive equipment maintenance tasks, in accordance with the manufacturers recommendations, will be performed along with routing maintenance and record keeping activities. Status reports will be prepared and submitted as required for satisfactory operating control and regulatory compliance requirements. Qualified supervisory personnel will oversee execution of the O&M tasks to minimize costs, and ensure timely and accurate operating reports. ‘ DES -SITE 34: The design of the bioventing system was included in the treatability study document. A Remedial Action Workplan was submitted in July 1996 that considered bioventing the final remedial alternative at Site 34. This is consistent with the Operable Unit #1 (OU#1) signed Record of Decision (ROD). The primary advantage in using bioventing is the low cost to install, operate, maintain and monitor the system as compared to other remediation technology. The treatability study has demonstrated that the bioventing at Site 34 of the hydrocarbon contamination is cost effective, has minimal environmental impact and will achieve the cleanup standards set in the OU#1 ROD. Bioventing is the process of delivering oxygen by forced air into the soil to stimulate or enhance the natural biodegradation process of petroleum hydrocarbon contaminants within the soil. The existing bioventing system at Site 34 was designed with excess air injection capacity, therefore, it may be possible to tap into this system for use at the adjacent sites. ‘ RA - SITE 34: Soil contaminants detected during the RI/FS conducted at Site 34 include VOCs, SVOCs, Pesticides/PCBs, Oil and Grease, JP-4 and Diesel Fuel. The Air Force (AF) will characterize the newly discovered contamination at Site 34 using a soil gas survey which will provide potential locations for soil borings based on contaminant concentrations. The AF installed and successfully demonstrated the effectiveness of a bioventing system at this Site. The objectives of this remedial action is to determine the extent of the new hydrocarbon contamination at the oil/water separator, to evaluate and select the best approach to biovent the site, and to monitor that the bioremedial approach is achieving groundwater protection standards as established in the OU#1 Record of Decision (ROD).

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/13/1996
Comments: RAP - OU#3(SITE 33): This Decision Document (DD), which is equivilant to a Remedial Action Plan (RAP), presents the selected Removal Action upgrade for March Air Reserve Base (MARB) Operable Unit #3 pump and Treat System. This removal action upgrade is selected to increase jet fuel (JP-4) free product recovery rates at OU#3. The State of California, both DTSC and the Santa Ana Regional Water Quality Control Board (RWQCB), signed a Record of Decision (ROD) for OU#3 in September 1995. However, the US Environmental Protection Agency(USEPA) and the Air Force Reserves (AFRs) declined to sign the ROD at the last minute; the USEPA invoking the petroleum exclusion section of CERCLA and the AFRs stating that the preferred alternative in the ROD is too expensive. Therefore, after considerable efforts, all parties agreed to expand and upgrade the existing free product recovery system as an interim remedy for the JP-4 free product

MARCH AIR RESERVE BASE (Continued) **S104241831**

beneath OU#3. This action addresses only JP-4 free product and does not address all contamination remaining at the site. the DD went through the RAP requirement of public review and comment.

Completed Area Name: PCAS
Completed Sub Area Name: STE18
Completed Document Type: Removal Action Completion Report
Completed Date: 04/07/1999
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: STE39
Completed Document Type: Removal Action Completion Report
Completed Date: 03/12/1999
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: STE39
Completed Document Type: * Remedial or Removal Design
Completed Date: 02/23/1999
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: STE36
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/07/2000
Comments: Site 36 - OM: A dual phase extraction system, which combines soil vapor extraction with groundwater extraction, is in operation at site 36. This document contains the Operation and Maintenance (O&M) procedures relating to operation and maintenance activities to be conducted at Site 36.

Completed Area Name: OU2
Completed Sub Area Name: STE36
Completed Document Type: Removal Action Completion Report
Completed Date: 05/26/1999
Comments: Not reported

Completed Area Name: PCAS
Completed Sub Area Name: STE18
Completed Document Type: * Remedial or Removal Design
Completed Date: 07/21/1998
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/26/2005
Comments: Although there are unresolved issues, DTSC agrees the finalization of the work plan and leaves comments on fate and transport of VOCs and on off-base migration of VOC plumes to be discussed/disputed when the RI report becomes available.

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/04/2006

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments: The 1st Quarter 2006 OU1 Process Monitoring report is finalized

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/27/2007
Comments: As a secondary document, no comment letter is required.

Completed Area Name: PCAS
Completed Sub Area Name: SITE2
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: routine monitoring report

Completed Area Name: PCAS
Completed Sub Area Name: STE18
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: routine monitoring report

Completed Area Name: PCAS
Completed Sub Area Name: STE27
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: routine monitoring report

Completed Area Name: PCAS
Completed Sub Area Name: STE33
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: Routine monitoring report reviewed by RWQCB

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/02/2009
Comments: 5 year review report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/08/2010
Comments: The report may be finalized

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 01/06/2011
Comments: DTSC sent a no-comment letter.

Completed Area Name: PROJECT WIDE

MARCH AIR RESERVE BASE (Continued) **S104241831**

Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 04/19/2011
Comments: Secondary document, no approval required.

Completed Area Name: OU2
Completed Sub Area Name: SITE8
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 03/29/2012
Comments: Data to be used in Sites 8 & 36 FFS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2014
Comments: secondary document for groundwater monitoring data

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/2003
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision w/ESD
Completed Date: 01/29/2014
Comments: The remedy for site soil has been changed to excavation and disposal

Completed Area Name: OU 1
Completed Sub Area Name: FT29
Completed Document Type: Remedial Investigation Report
Completed Date: 08/20/2013
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 08/19/2013
Comments: Not reported

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 08/08/2013

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments: Accepted on Aug 8, 2013

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/16/2013
Comments: Not reported

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 12/18/2013
Comments: Not reported

Completed Area Name: OU 5
Completed Sub Area Name: Site 49
Completed Document Type: Monitoring Report
Completed Date: 08/21/2014
Comments: Not reported

Completed Area Name: OU 5
Completed Sub Area Name: Site 49
Completed Document Type: Monitoring Report
Completed Date: 08/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/12/2014
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/12/2006
Comments: Not reported

Future Area Name: OU2
Future Sub Area Name: SITE8
Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2017
Future Area Name: OU 1
Future Sub Area Name: FT29
Future Document Type: Proposed Plan
Future Due Date: 2016
Future Area Name: OU 1
Future Sub Area Name: FT29
Future Document Type: Record of Decision - Amendment
Future Due Date: 2017
Future Area Name: OU 5

MARCH AIR RESERVE BASE (Continued) **S104241831**

Future Sub Area Name:	Site 49
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2019
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2017
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2018
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2017
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2019
Future Area Name:	OU2
Future Sub Area Name:	SITE8
Future Document Type:	Proposed Plan
Future Due Date:	2018
Future Area Name:	OU2
Future Sub Area Name:	SITE8
Future Document Type:	Record of Decision
Future Due Date:	2018
Future Area Name:	OU 1
Future Sub Area Name:	STE34
Future Document Type:	Removal Action Completion Report
Future Due Date:	2017
Future Area Name:	OU 1
Future Sub Area Name:	Site 5
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2016
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Record of Decision
Future Due Date:	2019
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2018
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2019
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2020
Future Area Name:	OU2
Future Sub Area Name:	SITE8
Future Document Type:	Remedial Investigation Report
Future Due Date:	2017
Future Area Name:	OU 5
Future Sub Area Name:	Site 49

MARCH AIR RESERVE BASE (Continued) **S104241831**

Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2017
Future Area Name: OU 5
Future Sub Area Name: Site 49
Future Document Type: Proposed Plan
Future Due Date: 2018
Future Area Name: OU 1
Future Sub Area Name: Not reported
Future Document Type: Record of Decision
Future Due Date: 2017
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

Calsite:
Region: GLENDALE
Facility ID: 33970004
Facility Type: OPEN
Type: OPEN MILITARY BASE
Branch: SO
Branch Name: OMF-SOUTHERN CALIF
File Name: Not reported
State Senate District: 07131998
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 97
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
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: SNIOU
Supervisor Responsible for Site: Not reported
Region Water Control Board: SA
Region Water Control Board Name: SANTA ANA
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 62
State Senate District Code: 32
Facility ID: 33970004
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU2
Proposed Budget: 0
AWP Completion Date: 12312004
Revised Due Date: 06302006
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE34
Proposed Budget:	0
AWP Completion Date:	07111996
Revised Due Date:	Not reported
Comments Date:	07111996
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE33
Proposed Budget:	0
AWP Completion Date:	07081996
Revised Due Date:	Not reported
Comments Date:	07081996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	PANER
Proposed Budget:	0
AWP Completion Date:	06171996
Revised Due Date:	Not reported
Comments Date:	06171996
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:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	SIT31
Proposed Budget:	0
AWP Completion Date:	05081996
Revised Due Date:	Not reported
Comments Date:	05081996
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SIT31
Proposed Budget:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

AWP Completion Date:	05081996
Revised Due Date:	Not reported
Comments Date:	05081996
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SIT11
Proposed Budget:	0
AWP Completion Date:	05011996
Revised Due Date:	Not reported
Comments Date:	05011996
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):	380
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	CONTAMINATED SOIL REMOVED AND STOCKPILED AT SITE 15 FOR REMEDIATION
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE 1
Proposed Budget:	0
AWP Completion Date:	03251996
Revised Due Date:	Not reported
Comments Date:	03251996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE 9
Proposed Budget:	0
AWP Completion Date:	03251996
Revised Due Date:	Not reported
Comments Date:	03251996
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE10
Proposed Budget:	0
AWP Completion Date:	02021996
Revised Due Date:	Not reported
Comments Date:	02021996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

Unknown Type:	0
Facility ID:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE15
Proposed Budget:	0
AWP Completion Date:	02021996
Revised Due Date:	Not reported
Comments Date:	02021996
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:	33970004
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU-3
Proposed Budget:	0
AWP Completion Date:	09141995
Revised Due Date:	Not reported
Comments Date:	09141995
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE34
Proposed Budget:	0
AWP Completion Date:	07111996
Revised Due Date:	Not reported
Comments Date:	07111996

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	STE34
Proposed Budget:	0
AWP Completion Date:	07111996
Revised Due Date:	Not reported
Comments Date:	07111996
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:	33970004
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU-3
Proposed Budget:	0
AWP Completion Date:	11131996
Revised Due Date:	Not reported
Comments Date:	11131996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SITEB
Proposed Budget:	0
AWP Completion Date:	04102000
Revised Due Date:	Not reported
Comments Date:	04102000
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	RA

MARCH AIR RESERVE BASE (Continued) **S104241831**

Activity Name:	REMOVAL ACTION
AWP Code:	STE18
Proposed Budget:	0
AWP Completion Date:	04071999
Revised Due Date:	Not reported
Comments Date:	04071999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	GROUNDWATER LEVELS ARE DEPRESSED TO EXPOSE CONTAMINATED SATURATED SOIL FOR CLEANUP BY COMBINED SOIL VAPOR EXTRACTION, AND SOIL AERATION/BIO-VENTING. SVE = 137 SCFM
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	06302007
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE39
Proposed Budget:	0
AWP Completion Date:	03121999
Revised Due Date:	Not reported
Comments Date:	03121999
Est Person-Yrs to complete:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	3000
Liquids Treated (Gals):	3000
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	A BIOVENTING (AIR INJECTION) WELL, TWO BIOVENTING MONITORING PROBES, CONVEYANCE PIPING, AN AIR BLOWER, AND MECHANICAL AND ELECTRICAL APPURTENANCES.
For Commercial Reuse:	1
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE39
Proposed Budget:	0
AWP Completion Date:	02231999
Revised Due Date:	Not reported
Comments Date:	02231999
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312004
Revised Due Date:	12312006
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	STE36
Proposed Budget:	0
AWP Completion Date:	02072000
Revised Due Date:	Not reported
Comments Date:	02072000
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE36
Proposed Budget:	0
AWP Completion Date:	05261999
Revised Due Date:	Not reported
Comments Date:	05261999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	INSTALLATION OF A GROUNDWATER EXTRACTION AND TREATMENT SYSTEM IN COMBINATION WITH A SYSTEM FOR SOIL VAPOR EXTRACTION(SVE).
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

Facility ID:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE18
Proposed Budget:	0
AWP Completion Date:	07211998
Revised Due Date:	Not reported
Comments Date:	07211998
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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE33
Proposed Budget:	0
AWP Completion Date:	12312007
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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE27
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	SITE2
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	B2307
Proposed Budget:	0
AWP Completion Date:	06302007
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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE18
Proposed Budget:	0
AWP Completion Date:	12312007
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
Alternate Address:	2374 ACRES; EAST OF RIVERSIDE
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Alternate Address:	2990 GRAEBER STREET

MARCH AIR RESERVE BASE (Continued) **S104241831**

Alternate City,St,Zip:	MORENO VALLEY, CA 92518
Alternate Address:	3,545 ACRES; EAST OF RIVERSIDE
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Background Info:	This facility is an active U.S. Air Reserve Base part of the the Air Mobility Command (AMC). The Base's mission is to maintain an effective air to air refueling operation capability. Operations at the Base include: maintenance and repair of air- craft, vehicl es and equipment; operation of a photo lab and printing plant; an d fuel management. March AFB has historically generated the follo wing hazardous wastes: petroleum, oil and lubricants (POLs), chlo rinated and nonclorinated solvents, corrosives, antifreeze, paint and paint strippers, carbon removers and photographic chemicals. Past activities which have resulted in contamination at the base include burning waste in fire fighting training exercises and di scharges to sanitary sewers and storm drains. Groundwater has bee n contaminated with trichloroethylene (TCE). Groundwater is the p rimary source of potable water in this area. There is a potential for contamination of soils and surface water. This base was incl uded on the NPL in 1989. A Federal Facilities Agreement (FFA) was signed between EPA, DHS, the Santa Ana RWQCB and the Air Force i n September 1990, to provide for the remediation of the Base. The Base has been divided into three groups, or operable units, whic h are similar to the State's removal actions, for remediation. Th ese groups are: 1) ground- water and soil for areas along the eas t boundary and off base plume, 2) groundwater and soil for areas not included in units 1 & 3, and 3) groundwater and soil in area 33.
Comments Date:	02021996
Comments:	the final OU#1 Record of Decision (ROD). Approximately 15 cubic y
Comments Date:	02021996
Comments:	ards of sediment material will be removed from the concrete-lined
Comments Date:	02021996
Comments:	channel and transported off-site to Candelaria Environmental for
Comments Date:	02021996
Comments:	bioremediation. DES - SITE 15: This is also part of OU#1. The
Comments Date:	07241998
Comments:	DES - SITE18: The remediation technology for Site 18 is based
Comments Date:	07241998
Comments:	on depressing the groundwater levels to expose contaminated
Comments Date:	07241998
Comments:	saturated soils for cleanup by combined soil vapor extraction,
Comments Date:	05011996
Comments:	(Fuel Pump Station Building 2202 and Building 2340. These fuel l
Comments Date:	05011996
Comments:	ines transport fuels from the fuel storage tanks tot he flight li
Comments Date:	05011996
Comments:	ne to enable refueling of aircraft. Leakage of the fuel line was
Comments Date:	06011999
Comments:	five extraction wells, 2) Constructing a small concrete pad to
Comments Date:	06011999
Comments:	support process equipment. 3) Installing groundwater and vapor
Comments Date:	06011999
Comments:	conveyance piping and other necessary equipment to convey soil
Comments Date:	01311996
Comments:	RIFS - SITE L: This EE/CA has been prepared to address a removal
Comments Date:	01311996
Comments:	action proposed for Site L. The swimming pool was converted to a

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	01311996
Comments:	waste disposal area for various base wastes including wastes oils
Comments Date:	01311996
Comments:	, solvents, asbestos-containing material, and polychlorinated
Comments Date:	01311996
Comments:	biphenyls (PCBs). The primary sources of contamination are the
Comments Date:	01311996
Comments:	drums, transformers, or other bulk containers which may have been
Comments Date:	01311996
Comments:	disposed of into the former swimming pool, the secondary source
Comments Date:	01311996
Comments:	of contamination is soil or debris saturated with or containing
Comments Date:	01311996
Comments:	high concentrations of contaminants in the immediate areas
Comments Date:	01311996
Comments:	surrounding the primary source, and the concrete containment of
Comments Date:	01311996
Comments:	the swimming pool area is also considered as a possible secondary
Comments Date:	01311996
Comments:	source. The actual type and quantity of wastes in the pool are
Comments Date:	01311996
Comments:	unknown at this time. If the wastes are not currently adequately
Comments Date:	01311996
Comments:	contained, there is a likelihood that both the subsurface soils
Comments Date:	01311996
Comments:	and/or groundwater may continue to be impacted by the wastes. Due
Comments Date:	01311996
Comments:	to the variety of wastes which may be encountered and the
Comments Date:	01311996
Comments:	differences in treating or disposing of those wastes, a
Comments Date:	01311996
Comments:	combination of alternatives is proposed.
Comments Date:	02021996
Comments:	DES - SITE 10: This is part of OU#1. The drainage channel, which
Comments Date:	02021996
Comments:	was installed prior to 1940, has reportedly received various oils
Comments Date:	02021996
Comments:	, hydraulic fluids, diesel fuel, jet fuel, waste paints, paint s
Comments Date:	02021996
Comments:	trippers, paint thinners, battery acids and solvents. The draina
Comments Date:	02021996
Comments:	ge channel is concretelined (since the 1960s) up to the eastern b
Comments Date:	02021996
Comments:	oundary of the base where it discharges to the Perris Valley stor
Comments Date:	02021996
Comments:	m drain. The objectives of this remediation of contaminated sedi
Comments Date:	02021996
Comments:	ment from Site 10, pursuant to the cleanup criteria set forth in
Comments Date:	02021996
Comments:	Fire Training Area (FTA), Site 15, was developed in 1978 and was
Comments Date:	02021996
Comments:	reportedly constructed by placing an underdrain system and grave
Comments Date:	02021996
Comments:	l over a clay liner. Firefighting water, solutions of Aqueous Fil
Comments Date:	02021996
Comments:	m Forming Form (AFFF) and residual fuel used during training exer
Comments Date:	02021996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	cises were drained to a formely unlined water holding pond locate
Comments Date:	02021996
Comments:	d adjacent to the FTA. Approximately 6000 gallons per year of co
Comments Date:	02021996
Comments:	ntaminated JP-4 have been burned in training exercises since the
Comments Date:	02021996
Comments:	facility was constructed in 1978. The primary contaminants of co
Comments Date:	02021996
Comments:	ncern are Benzene, Naphthalene, 2-Methylnaphthalene and Phenanthr
Comments Date:	02021996
Comments:	ene. The remedial actions for Site 15 will require the handling
Comments Date:	02021996
Comments:	of two streams; the evaporation pond water and soils contaminated
Comments Date:	02021996
Comments:	with PAHs. Approximately 4,500 gallons of water, from the evapo
Comments Date:	02021996
Comments:	ration pond, will be transferred to a base sewer inlet located on
Comments Date:	02021996
Comments:	e-half mile from Site 15 using a 5,000-gallon vacuum truck suppli
Comments Date:	02021996
Comments:	ed by Environmental Dynamic. Approximately 8,950 tons of contami
Comments Date:	02021996
Comments:	nated soil will be transported off-site to Candelaria Environment
Comments Date:	02021996
Comments:	al for bioremediation. The objectives of this remedial action we
Comments Date:	02021996
Comments:	re set forth in the final OU# 1 Record of Decision (ROD).
Comments Date:	02072000
Comments:	to be conducted at Site 36.
Comments Date:	02072000
Comments:	Site 36 - OM: A dual phase extraction system, which combines soi
Comments Date:	02072000
Comments:	l vapor extraction with groundwater extraction, is in operation a
Comments Date:	02072000
Comments:	t site 36. This document contains the Operation and Maintenance
Comments Date:	02072000
Comments:	(O&M) procedures relating to operation and maintenance activities
Comments Date:	02241999
Comments:	DES - Site 39: The remedial design objective for Site 39 is to
Comments Date:	02241999
Comments:	reduce the contaminant concentrations in the subsurface soil and
Comments Date:	02241999
Comments:	prevent further degradation of groundwater through contaminant
Comments Date:	02241999
Comments:	migration. The remedial system will include the installation of
Comments Date:	02241999
Comments:	a soil bioventing system. The system will be comprised of a
Comments Date:	02241999
Comments:	bioventing (air injection) well, two bioventing monitoring
Comments Date:	02241999
Comments:	proves, conveyance piping, an air blower, and mechanical and
Comments Date:	02241999
Comments:	mechanical and electrical appurtenances. The estimated remedial
Comments Date:	02241999
Comments:	time is 2 years and the volume of soil to be treated is approx.
Comments Date:	02241999
Comments:	3000 cubic yards.

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	03251996
Comments:	RIFS - SITE 9: The removal of the OW/S will eliminate a potential
Comments Date:	03251996
Comments:	source area for groundwater contamination in the future. This S
Comments Date:	03251996
Comments:	ite Specific Action Memorandum was prepared to evaluate and ident
Comments Date:	03251996
Comments:	ify the most effective remedial alternative to remove the OW/S an
Comments Date:	03251996
Comments:	d dispose of the expected 100 cubic yards of oil contaminated soi
Comments Date:	03251996
Comments:	l. On-base consolidation with Site 6 lined waste cell provides t
Comments Date:	03251996
Comments:	he maximum level of regulatory compliance within the lowest cost
Comments Date:	03251996
Comments:	level and is compatible with land use. Site 9 is recommended for
Comments Date:	03251996
Comments:	military reuse under the Joint Power Authority preferred alterna
Comments Date:	03251996
Comments:	tive. Site 9 vicinity may potentially have Beechy's Squirrel and
Comments Date:	03251996
Comments:	Burrowing Owl, but excavation activities will be focused on the
Comments Date:	03251996
Comments:	OW/S. No potential wetlands are located in Site 9 vicinity. RIF
Comments Date:	03251996
Comments:	S - SITE 1: Soil sampling at Site 1 detected polycyclic aromatic
Comments Date:	03251996
Comments:	hydrocarfons (PAHs) as contaminant of concerns. Ground- water sam
Comments Date:	03251996
Comments:	ples detected metals; however, only manganese was detected above
Comments Date:	03251996
Comments:	US Environmental Protection Agency Preliminary remediation Goals
Comments Date:	03251996
Comments:	(PRGs). Soil from Site 1 was excavated during construction of th
Comments Date:	03251996
Comments:	e Air National Guard Alert Facility. Approximately, 3,100 cubic y
Comments Date:	03251996
Comments:	ards of PAH contaminated soil has been stockpiled on-site under p
Comments Date:	03251996
Comments:	lastic sheeting pending disposal. The risk assessment for Site 1
Comments Date:	03251996
Comments:	determined that no human health risk was present at the site beca
Comments Date:	03251996
Comments:	use the exposure pathway was limited. Now that the soil has been
Comments Date:	03251996
Comments:	disturbed, the soil stockpiled at Site 1 needs to be removed to p
Comments Date:	03251996
Comments:	reclude further exposure. This Site Specific Action Memorandum w
Comments Date:	03251996
Comments:	as prepared to evaluate and identify the most effective disposal
Comments Date:	03251996
Comments:	alternative. The site is planned for Air National Guard use and w
Comments Date:	03251996
Comments:	ill remain in military use. Site 1 is not a habitat for any enda
Comments Date:	03251996
Comments:	ngered species and no perennial wetlands are located in its vicin
Comments Date:	03251996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	ity.
Comments Date:	04081999
Comments:	RA - SITE 18: The construction of the remedial action for Site 18
Comments Date:	04081999
Comments:	was completed on February 23, 1999 and the system started on
Comments Date:	04081999
Comments:	Friday 26, 1999. The remediation technology for Site 18 is based
Comments Date:	04081999
Comments:	on depressing the groundwater levels to expose contaminated
Comments Date:	04081999
Comments:	saturated soils for cleanup by combined soil vapor extraction,and
Comments Date:	04081999
Comments:	soil aeration/bioventing, free product removal by vaporization
Comments Date:	04081999
Comments:	and phase separation as necessary, and dissolved through the
Comments Date:	04081999
Comments:	groundwater pump and treat and by natural attenuation/biochemical
Comments Date:	04081999
Comments:	degradation mechanisms. The extracted groundwater is pre-treated
Comments Date:	04081999
Comments:	to remove any free product before transfer by pipline to the Site
Comments Date:	04081999
Comments:	31 treatment facility for treatment by granular activated carbon.
Comments Date:	04081999
Comments:	Any free product is collected via skimmer pump and contained for
Comments Date:	04081999
Comments:	disposal. A soil vapor extraction and treatment system (thermal
Comments Date:	04081999
Comments:	oxidizer) unit was installed at site 18 to treat the recovered
Comments Date:	04081999
Comments:	hydrocarbon vapors locally, before discharging to the atmosphere.
Comments Date:	05011996
Comments:	RA - SITE 11: Site 11 is part of OU#2. It includes an area design
Comments Date:	05011996
Comments:	ated as the Liquid Fuels Management, Bulk Storage Facility. The l
Comments Date:	05011996
Comments:	eaking fuel line section was between the tank car unloading dock
Comments Date:	06011999
Comments:	vapor and groundwater to the treatment pad. 4)Installing process
Comments Date:	06011999
Comments:	equipment for treating contaminated soil vapor and groundwater.
Comments Date:	06011999
Comments:	5) Performing system startup including sampling of vapor and
Comments Date:	06011999
Comments:	groundwater, and system optimization.
Comments Date:	06171996
Comments:	O&M Site 33(PANERO): The Site 33 Pump and Treat System (PTS) cons
Comments Date:	06171996
Comments:	ists of flow equalization tanks, an oil-water separator, air stri
Comments Date:	06171996
Comments:	pping, thermal oxidation of air stripper off-gas, and granular ac
Comments Date:	06171996
Comments:	tivated carbon polishing of the air stripper effluent. An interna
Comments Date:	06171996
Comments:	l combustion engine is used to treat vapors recovered by vapor ex
Comments Date:	06171996
Comments:	traction of the pumping wells. The PTS is designed to sustain co

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	06171996
Comments:	ntinuous operation without direct operator control. Periodic surv
Comments Date:	06171996
Comments:	eillance and maintenance will be required to ensure reliable oper
Comments Date:	06171996
Comments:	ation and compliance with regulatory requirements. Process perfor
Comments Date:	06171996
Comments:	ming monitoring of the vapor and water treatment systems will be
Comments Date:	06171996
Comments:	conducted. This includes on-site sampling and tests of the influ
Comments Date:	06171996
Comments:	ent streams, intermittent treatment points and the effluent strea
Comments Date:	06171996
Comments:	ms to verify satisfactory operation, and timely change-out of the
Comments Date:	06171996
Comments:	GAC treatment units to maintain regulatory discharge limits and
Comments Date:	06171996
Comments:	cost effectiveness. Preventive equipment maintenance tasks, in a
Comments Date:	06171996
Comments:	ccordance with the manufacturers recommend -ations, will be perfo
Comments Date:	06171996
Comments:	rmed along with routine maintenance and record keeping activities
Comments Date:	06171996
Comments:	. Normally, one field technician will be required to perform the
Comments Date:	06171996
Comments:	routine O&M tasks, including well inspections and maintenance, p
Comments Date:	06171996
Comments:	ump overhauls, process instrument calibrations, equipment repairs
Comments Date:	06171996
Comments:	and replacements. The manufacturer shall have local service rep
Comments Date:	06171996
Comments:	resentatives capable of responding to equipment failures or probl
Comments Date:	06171996
Comments:	ems within 3 hours of initial contact.
Comments Date:	07111996
Comments:	O&M - SITE 34: An area near the oil/water separator, which was im
Comments Date:	07111996
Comments:	properly installed and is adjacent to Site 34, has been identifie
Comments Date:	07111996
Comments:	d as a potential source of the mainly hydrocarbon contamination f
Comments Date:	07111996
Comments:	urther to the northwest. In March 1994 the AF installed and bega
Comments Date:	07111996
Comments:	n the operation of a bioventing treatability study project at Sit
Comments Date:	07111996
Comments:	e 34 to determine the effectiveness of bioventing at this site.
Comments Date:	07111996
Comments:	This study was completed in July 1996 and successfully demonstrat
Comments Date:	07111996
Comments:	ed the effectiveness of bioventing for this site. The Operation a
Comments Date:	07111996
Comments:	nd Maintenance (O&M) phase will consist of monthly checks of the
Comments Date:	07111996
Comments:	bioventing system, completion of operation/maintenance/repair man
Comments Date:	07111996
Comments:	uals and respiration tests every 6 months of operation. In addit
Comments Date:	07111996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	ion, oxygen, carbon dioxide and hydrocarbon concentrations from t
Comments Date:	07111996
Comments:	he vapor monitoring wells will be monitored on a monthly basis. T
Comments Date:	07111996
Comments:	he O&M of the bioventing system will be performed for a duration
Comments Date:	07111996
Comments:	of one year after installation and start-up. Data collected from
Comments Date:	07111996
Comments:	the monthly monitoring is evaluated and used as the basis for ad
Comments Date:	07111996
Comments:	justing the air flow into the subsurface. Preventive equipment m
Comments Date:	07111996
Comments:	aintenance tasks, in accordance with the manufacturers recommenda
Comments Date:	07111996
Comments:	tions, will be performed along with routing maintenance and recor
Comments Date:	07111996
Comments:	d keeping activities. Status reports will be prepared and submit
Comments Date:	07111996
Comments:	ted as required for satisfactory operating control and regulatory
Comments Date:	07111996
Comments:	compliance requirements. Qualified supervisory personnel will o
Comments Date:	07111996
Comments:	versee execution of the O&M tasks to minimize costs, and ensure t
Comments Date:	07111996
Comments:	imely and accurate operating reports. DES -SITE 34: The design
Comments Date:	07111996
Comments:	of the bioventing system was included in the treatability study d
Comments Date:	07111996
Comments:	ocument. A Remedial Action Workplan was submitted in July 1996 t
Comments Date:	07111996
Comments:	hat considered bioventing the final remedial alternative at Site
Comments Date:	07111996
Comments:	34. This is consistent with the Operable Unit #1 (OU#1) signed R
Comments Date:	07111996
Comments:	ecord of Decision (ROD). The primary advantage in using bioventi
Comments Date:	07111996
Comments:	ng is the low cost to install, operate, maintain and monitor the
Comments Date:	07111996
Comments:	system as compared to other remediation technology. The treatabi
Comments Date:	07111996
Comments:	lity study has demonstrated that the bioventing at Site 34 of the
Comments Date:	07111996
Comments:	hydrocarbon contamination is cost effective, has minimal environ
Comments Date:	07111996
Comments:	mental impact and will achieve the cleanup standards set in the O
Comments Date:	07111996
Comments:	U#1 ROD. Bioventing is the process of delivering oxygen by force
Comments Date:	07111996
Comments:	d air into the soil to stimulate or enhance the natural biodegrad
Comments Date:	07111996
Comments:	ation process of petroleum hydrocarbon contaminants within the so
Comments Date:	07111996
Comments:	il. The existing bioventing system at Site 34 was designed with
Comments Date:	07111996
Comments:	excess air injection capacity, therefore, it may be possible to t
Comments Date:	07111996
Comments:	ap into this system for use at the adjacent sites. RA - SITE 34

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	07111996
Comments:	: Soil contaminants detected during the RI/FS conducted at Site 3
Comments Date:	07111996
Comments:	4 include VOCs, SVOCs, Pesticides/PCBs, Oil and Grease, JP-4 and
Comments Date:	07111996
Comments:	Diesel Fuel. The Air Force (AF) will characterize the newly disc
Comments Date:	07111996
Comments:	overed contamination at Site 34 using a soil gas survey which wil
Comments Date:	07111996
Comments:	l provide potential locations for soil borings based on contamina
Comments Date:	07111996
Comments:	nt concentrations. The AF installed and successfully demonstrated
Comments Date:	07111996
Comments:	the effectiveness of a bioventing system at this Site. The obje
Comments Date:	07111996
Comments:	ctives of this remedial action is to determine the extent of the
Comments Date:	07111996
Comments:	new hydrocarbon contamination at the oil/water separator, to eval
Comments Date:	07111996
Comments:	uate and select the best approach to biovent the site, and to mon
Comments Date:	07111996
Comments:	itor that the bioremedial approach is achieving groundwater prote
Comments Date:	07111996
Comments:	ction standards as established in the OU#1 Record of Decision (RO
Comments Date:	07111996
Comments:	D).
Comments Date:	07241998
Comments:	and soil aeration/bioventing, free product removal by vaporiza-
Comments Date:	07241998
Comments:	tion and phase separation as necessary, and dissolved through the
Comments Date:	07241998
Comments:	groundwater pump and treat and by natural attenuation/biochemical
Comments Date:	07241998
Comments:	degradation mechanisms. The extracted groundwater would be pre-
Comments Date:	07241998
Comments:	treated to remove any free product before transfer by pipeline to
Comments Date:	07241998
Comments:	the Site 31 treatment facility for treatment by granular acti-
Comments Date:	07241998
Comments:	vated carbon. Any free product would be collected via skimmer
Comments Date:	07241998
Comments:	pump and contained for disposal. A soil vapor extraction and
Comments Date:	07241998
Comments:	treatment system(thermal oxidizer) unit will be installed at site
Comments Date:	07241998
Comments:	18 to treat the recovered hydrocarbon vapors locally, before
Comments Date:	07241998
Comments:	discharging to the atmosphere.
Comments Date:	09141995
Comments:	RAP OU#3: This ROD/RAP presents the remedial alternative selected
Comments Date:	09141995
Comments:	to remediate soil and groundwater that is contaminated with petr
Comments Date:	09141995
Comments:	oleum hydrocarbons and solvent beneath Operable Unit #3 (OU#3). O
Comments Date:	09141995
Comments:	U#3, which encompasses the former Panero Fueling facility, is loc
Comments Date:	09141995

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	ated on the aircraft apron, between the flightline shops and the
Comments Date:	09141995
Comments:	taxiway. The major components of the selected alternative include
Comments Date:	09141995
Comments:	: 1. Institutional control, including fencing, site use restri
Comments Date:	09141995
Comments:	ction, and deed restriction of groundwater use. 2. Quarterly grou
Comments Date:	09141995
Comments:	ndwater monitoring. 3. Continued free product recovery. 4. Soil r
Comments Date:	09141995
Comments:	emediation using soil vapor extracion and bioventing. 5. Groundwa
Comments Date:	09141995
Comments:	ter source remediation using surfactant and in-situ bioremediatio
Comments Date:	09141995
Comments:	n. 6. Groundwater dissolved plume treatment using groundwater pum
Comments Date:	09141995
Comments:	p and treat (Air Strippers) system. The remedy is estimated to ac
Comments Date:	09141995
Comments:	hieve cleanup goals within 30 years. Approximate cost: $22,251
Comments Date:	09141995
Comments:	,655.00
Comments Date:	11131996
Comments:	RAP - OU#3(SITE 33): This Decision Document (DD), which is equivi
Comments Date:	11131996
Comments:	lant to a Remedial Action Plan (RAP), presents the selected Remov
Comments Date:	11131996
Comments:	al Action upgrade for March Air Reserve Base (MARB) Operable Unit
Comments Date:	11131996
Comments:	#3 pump and Treat System. This removal action upgrade is select
Comments Date:	11131996
Comments:	ed to increase jet fuel (JP-4) free product recovery rates at OU#
Comments Date:	11131996
Comments:	3. The State of California, both DTSC and the Santa Ana Regional
Comments Date:	11131996
Comments:	Water Quality Control Board (RWQCB), signed a Record of Decision
Comments Date:	11131996
Comments:	(ROD) for OU#3 in September 1995. However, the US Environmental
Comments Date:	11131996
Comments:	Protection Agency(USEPA) and the Air Force Reserves (AFRs) decli
Comments Date:	11131996
Comments:	ned to sign the ROD at the last minute; the USEPA invoking the pe
Comments Date:	11131996
Comments:	troleum exclusion section of CERCLA and the AFRs stating that the
Comments Date:	11131996
Comments:	preferred alternative in the ROD is too expensive. Therefore, a
Comments Date:	11131996
Comments:	fter considerable efforts, all parties agreed to expand and upgra
Comments Date:	11131996
Comments:	de the existing free product recovery system as an interim remedy
Comments Date:	11131996
Comments:	for the JP-4 free product beneath OU#3. This action addresses o
Comments Date:	11131996
Comments:	nly JP-4 free product and does not address all contamination rema
Comments Date:	11131996
Comments:	ining at the site. the DD went through the RAP requirement of pu
Comments Date:	11131996
Comments:	blic review and comment.

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	05011996
Comments:	discovered when March AFB personnel noticed a loss in line press
Comments Date:	05011996
Comments:	ure during an integrity test of a section of the line between the
Comments Date:	05011996
Comments:	fuel pump station and the flight line. Visual indications of a
Comments Date:	05011996
Comments:	fuel leak were also observed in and around the concrete valult lo
Comments Date:	05011996
Comments:	cated adjacent to the fuel pump station. The objective of the Imm
Comments Date:	05011996
Comments:	ediate Response Action was to remove and replace the leaking sect
Comments Date:	05011996
Comments:	ion of the sub-surface JP-8 fuel line. This was accomplished with
Comments Date:	05011996
Comments:	in a very tight schedule (approx. seven days) to prevent the use
Comments Date:	05011996
Comments:	of outside trucks for delivery of fuels to the aircrafts. The re
Comments Date:	05011996
Comments:	moval action consisted of trenching to expose the sub-surface fue
Comments Date:	05011996
Comments:	l lines and associated vault area including the demolishing and r
Comments Date:	05011996
Comments:	emoval of overlaying asphalt and concrete, the removal of a 230 f
Comments Date:	05011996
Comments:	oot of JP-8 fuel line and a 210 foot section of an inactive JP-8
Comments Date:	05011996
Comments:	line was also removed, the placement of a new 8 inch steel JP-8 f
Comments Date:	05011996
Comments:	uel line and a 12 inch steel road crossing sleeve and reconstruct
Comments Date:	05011996
Comments:	ion of demolished concrete vault. Approximately, 380 cubic yards
Comments Date:	05011996
Comments:	of contaminated soil was removed and stockpiled at Site 15 for r
Comments Date:	05011996
Comments:	emediation. Upon getting the new pipe section on-line the general
Comments Date:	05011996
Comments:	site area was landscaped and restored to the original condition
Comments Date:	05011996
Comments:	to the extent possible. This included the backfilling maximum dr
Comments Date:	05011996
Comments:	y density of the soil, and the replacement of the overlaying asph
Comments Date:	05011996
Comments:	alt.
Comments Date:	05081996
Comments:	DES - SITE 31: This is part of OU #1. The practice of dis- charg
Comments Date:	05081996
Comments:	ing solvents on the ground reportedly occurred from about the mid
Comments Date:	05081996
Comments:	-1950s to the mid-1970s. In addition, floor drains from maintenan
Comments Date:	05081996
Comments:	ce shops may have leaked solvents to the subsurface. The primary
Comments Date:	05081996
Comments:	contaminants of concern at Site 31 are Trichloro- ethylene (PCE),
Comments Date:	05081996
Comments:	and traces of other chlorinated solvents. The contaminants are
Comments Date:	05081996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	contained within the soils and the groundwater and will require r
Comments Date:	05081996
Comments:	emediation to prevent further contamination of the OU#1 groundwat
Comments Date:	05081996
Comments:	er. Extensive studies to identify source locations, determine si
Comments Date:	05081996
Comments:	te characteristics and evaluate cost effective remedial alternati
Comments Date:	05081996
Comments:	ves have been performed. A dual phase extraction technology coup
Comments Date:	05081996
Comments:	led with granular activated carbon treatment of extracted groundw
Comments Date:	05081996
Comments:	ater and soil vapor has been selected based on a pilot scale syst
Comments Date:	05081996
Comments:	em shown to be a cost- effective method for remediation of this S
Comments Date:	05081996
Comments:	ite. The treatment system shall discharge treated water that wi
Comments Date:	05081996
Comments:	ll have a daily average concentration of 0.5 ppb TCE or less, and
Comments Date:	05081996
Comments:	never will exceed a concentration of 5 ppb TCE. Treated groundw
Comments Date:	05081996
Comments:	ater will be reinjected into the aquifer combined with discharge
Comments Date:	05081996
Comments:	of excess water to the Heacock Storm drain and/or the base sanita
Comments Date:	05081996
Comments:	ry sewer system, as required. Installation of process equipment,
Comments Date:	05081996
Comments:	surface piping and electrical facilities is planned for the end
Comments Date:	05081996
Comments:	of April, and startup of the system July 1996. This remedial act
Comments Date:	05081996
Comments:	ion complies with the statutory preference for remedies as specif
Comments Date:	05081996
Comments:	ied in the Record of Decision (ROD) for OU#1. O&M SITE 31: The
Comments Date:	05081996
Comments:	Site 31 dual phase extraction and treatment system is designed to
Comments Date:	05081996
Comments:	sustain continuous operation without direct operator control. P
Comments Date:	05081996
Comments:	eriodic surveillance and maintenance will be required to ensure r
Comments Date:	05081996
Comments:	eliable operation and compliance with regulatory requirement. Pr
Comments Date:	05081996
Comments:	ocess performing monitoring of the vapor and water treatment syst
Comments Date:	05081996
Comments:	ems will be conducted. This includes on-site sampling and tests
Comments Date:	05081996
Comments:	of the influent streams, intermittent treatment points and the ef
Comments Date:	05081996
Comments:	fluent streams to verify satisfactory operation, and timely chang
Comments Date:	05081996
Comments:	e-out of the GAC treat- ment units to maintain regulatory dischar
Comments Date:	05081996
Comments:	ge limits and cost effectiveness. Preventive equipment maintenan
Comments Date:	05081996
Comments:	ce tasks, in accordance with the manufacturers recommendations, w

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	05081996
Comments:	ill be performed along with routine maintenance and record keepin
Comments Date:	05081996
Comments:	g activities. It is expected that the carbon change-out frequenc
Comments Date:	05081996
Comments:	y will gradually decrease as the soil and groundwater contaminant
Comments Date:	05081996
Comments:	levels decline with ongoing treatment. Initially the change-out
Comments Date:	05081996
Comments:	s may occur once every 1-2 months and subsequently may decrease t
Comments Date:	05081996
Comments:	o once or twice a year for the groundwater treatment system. Norm
Comments Date:	05081996
Comments:	ally, one field technician will be required to perform the routin
Comments Date:	05081996
Comments:	e O&M tasks, including wells inspections and maintenance, pump ov
Comments Date:	05081996
Comments:	erhauls, process instrument calibrations, equipment repairs and r
Comments Date:	05081996
Comments:	eplacements. Status reports along with analytical results and di
Comments Date:	05081996
Comments:	scharge records will be prepared and submitted as reqired for sat
Comments Date:	05081996
Comments:	isfactory operating control and regulatory compliance requirement
Comments Date:	05081996
Comments:	s. Qualified supervisory personnel will oversee execution of the
Comments Date:	05081996
Comments:	O&M tasks to minimize costs, and ensure timely and accurate oper
Comments Date:	05081996
Comments:	ating reports.
Comments Date:	06011999
Comments:	RA - SITE 36: The remedial action for Site 36 was completed on
Comments Date:	06011999
Comments:	March 15, 1999. It included the installation of a groundwater
Comments Date:	06011999
Comments:	extraction and treatment system in combination with a system for
Comments Date:	06011999
Comments:	soil vapor extraction (SVE). A remedial design of this system
Comments Date:	06011999
Comments:	was approved by DTSC on April 7, 1998. The Site 36 system
Comments Date:	06011999
Comments:	includes conveyance piping, process vessels, and electrical and
Comments Date:	06011999
Comments:	mechanical appurtenances. The remedial activities conducted at
Comments Date:	06011999
Comments:	Site 36 included: 1) Installing a submersible pump into each of
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	ALESSANDRO ARMY AIR FIELD|March Air Reserve Base
Special Programs Code:	DSMOA
Special Programs Name:	DEFENSE MEMORANDUM OF AGREEMENT

CORTESE:

Region:	CORTESE
Envirostor Id:	33970004
Site/Facility Type:	FEDERAL SUPERFUND - LISTED
Cleanup Status:	ACTIVE

MARCH AIR RESERVE BASE (Continued) **S104241831**

Status Date:	07/13/1998
Site Code:	400689
Latitude:	34.09
Longitude:	-117.26305
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
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

A5 **US AIR FORCE, MARCH AIR RESERVE BASE - * BW** **CA LUST** **S106784714**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 5 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 11
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100289800
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - * BW (Continued) **S106784714**

Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A6 **MARCH AIR RESERVE BASE** **CA LUST** **S105624619**
IRP S34 NW CORNOR OF FUELING FACILITY **N/A**
< 1/8 **MARCH AIR RESERVE BASE, CA 92518**
1 ft.

Site 6 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Case Closed
Case Number:	083303883T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Benzene
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	FLIGHTLINE
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Close Tank
Leak Cause:	Other Cause
Leak Source:	Piping
Global ID:	T0606592846
How Stopped Date:	8/10/1999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	8/7/1998
Enforcement Date:	Not reported
Close Date:	5/1/2002
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	8/7/1998
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	8/10/1999

MARCH AIR RESERVE BASE (Continued) **S105624619**

Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	117.2472
Longitude:	-33.8859
MTBE Date:	10/7/2001
Max MTBE GW:	.5
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	REMOVAL OF 550 GAL UST AND 93 FEET OF 8 IN. CONSDENSATE PIPE

A7 **US AIR FORCE, MARCH AIR RESERVE BASE - SITE 18 ENGINE TEST C** **CA LUST** **S106784646**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 7 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 1
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321400
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - SITE 18 ENGINE TEST C (Continued) **S106784646**

Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A8 **MARCH AIR FORCE BASE (FORMER)** **CA LUST** **S105624618**
BLDG 550 GRAHAM (RIVERSIDE DR) **N/A**
< 1/8 **MORENO VALLEY, CA 92518**
1 ft.

Site 8 of 32 in cluster A

Relative: **Lower**

Actual: **1483 ft.**

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Remedial action (cleanup) Underway
Case Number:	083302549T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	ve
Cross Street:	Castle St.
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Test
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK

MARCH AIR FORCE BASE (FORMER) (Continued) **S105624618**

Global ID:	T0606500401
How Stopped Date:	6/21/1994
Enter Date:	12/13/1994
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	2/2/1996
Discover Date:	11/15/1990
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	6/6/1996
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	3/1/2002
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/13/1994
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.906133
Longitude:	-117.2526974
MTBE Date:	7/31/2001
Max MTBE GW:	4400
MTBE Concentration:	2
Max MTBE Soil:	45
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	MS_I
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: former BX gas station, replaced four 10,000 gal gasoline USTs, 1 500 gal waste oil tank, installed in 1965 and revoved 6/30/1994, 4 - 10,000 gal. double wall fiberglass replacement tanks installed 7/1994 and removed 4/1/2000, leakage was from orginal lines and tanks

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A9 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 8 FLIGHT** **CA LUST** **S106784692**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 9 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 4
Case Type:	Not reported
Substance:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 8 FLIGHT (Continued) **S106784692**

Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321100
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A10 **MARCH AIR RESERVE BASE** **CA LUST** **S105624603**
BLDG 480 PANERO S-33 AIRCRAFT PARKING APRON **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 10 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Remedial action (cleanup) Underway
Case Number:	083301290T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Jet Fuel
Qty Leaked:	Not reported
Abate Method:	EDFP
Cross Street:	Taxiway
Enf Type:	EF
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0606500146
How Stopped Date:	5/12/1989
Enter Date:	9/7/1989
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	8/2/1989
Discover Date:	5/12/1989
Enforcement Date:	9/18/1990
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	3/3/1994
Date Remediation Plan Submitted:	10/17/1994
Date Remedial Action Underway:	11/15/1996
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/7/1989
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	DOD
Latitude:	33.9870823
Longitude:	-117.34598
MTBE Date:	9/5/2001
Max MTBE GW:	50
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	C
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported

MARCH AIR RESERVE BASE (Continued) **S105624603**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: JP-4. OU3, IRP SITE 33, 1991 CONTAMINATED SOIL IN TANK FARM (DOWN TO 20FT.) EXCAVATED, TREATED WITH THERMAL TRTMT & RETURNED TO EXCAVATION. 1996 EST. AREAL EXTENT OF FREE PRODUCT ON WATER, 21 ACRES. FREE PRODUCT RECOVERY INITIATED 1990.

A11 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - NEW SOURCE AR** **CA LUST** **S106784622 N/A**

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 11 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 2
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321300
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - NEW SOURCE AR (Continued) **S106784622**

MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A12 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 10 FLIGHT** **CA LUST** **S106784642**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 12 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 19
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100281800
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 10 FLIGHT (Continued) **S106784642**

Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A13 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 15 FIRE P** **CA LUST** **S106784643**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 13 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 16
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100282100
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 15 FIRE P (Continued) **S106784643**

GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A14 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 11 BULK** **CA LUST** **S106784691**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 14 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 6
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319600
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 11 BULK (Continued) **S106784691**

Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A15 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 16 EAST M** **CA LUST** **S106784690**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 15 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 15
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286600
How Stopped Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 16 EAST M (Continued) **S106784690**

Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A16 **MARCH AIR RESERVE BASE** **CA LUST** **S105624528**
BLDG 2406 SITE 39 GRABER STREET **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 16 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302119T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	EF
Funding:	Not reported

MARCH AIR RESERVE BASE (Continued) **S105624528**

How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500293
How Stopped Date:	7/18/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/18/1991
Enforcement Date:	9/18/1990
Close Date:	10/10/2000
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	2/10/1997
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.9457461
Longitude:	-117.4103167
MTBE Date:	3/15/1998
Max MTBE GW:	2.5
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: IRP SITE 39; CLEAN CLOSURE

A17 **MARCH AIR FORCE BASE (FORMER)** **CA LUST** **S105624558**
SITE 43 35TH STREET **N/A**
< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 17 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083303876T
Local Case Num:	Not reported
Case Type:	Aquifer affected

MARCH AIR FORCE BASE (FORMER) (Continued) **S105624558**

Substance:	Regular Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	YOUNT
Enf Type:	Not reported
Funding:	D
How Discovered:	OM
How Stopped:	Other Means
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606553811
How Stopped Date:	10/13/2001
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/15/1991
Enforcement Date:	Not reported
Close Date:	8/21/2003
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/15/1993
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	9/25/2001
Date Post Remedial Action Monitoring:	4/19/2002
Enter Date:	Not reported
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	DOD
Latitude:	33.9033805
Longitude:	-177.2802296
MTBE Date:	3/15/1998
Max MTBE GW:	2.5
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	Not reported
Beneficial:	MS_T
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	IRP SITE 43, FORMER AUTOMOTIVE FUEL PUMPING AREA, IS A LISTED SITE AS PART OF THE SUPERFUND (NPL) SITE MARCH AIR FORCE BASE.

A18 **MARCH AIR RESERVE BASE** **CA HIST CORTESE** **S105025888**
3 545 ACRES OF RIVERSIDE **N/A**
< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 18 of 32 in cluster A

Relative: HIST CORTESE:
Lower
Region: CORTESE
Facility County Code: 33
Actual: Reg By: CALSI
1483 ft. Reg Id: 33970004

A19 **MARCH AIR FORCE BASE** **CA BOND EXP. PLAN** **S105960470**
N/A

< 1/8 **MORENO VALLEY, CA 92518**
1 ft.

Site 19 of 32 in cluster A

Relative: CA BOND EXP. PLAN:
Lower
Reponsible Party: FEDERAL FACILITY SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Actual: Project Revenue Source Addr: Not reported
1483 ft. Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: The Department will either enter into an interagency agreement with the Department of Defense of issue an order for oversight/monitoring of the Air Force's cleanup efforts. DHS has budgeted $100,000 for its oversight/monitoring costs. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The Department of Defense will pay all costs associated with remedial investigation and cleanup activities.
Site Description: The site is a U.S. Air Force Base.
Hazardous Waste Desc: The initial assessment at this site identified hazardous waste disposal on base in landfills, burning pits, dry wells, and ground disposal. Several types of wastes associated with aircraft and general maintenance were identified, including fuels, oils, polychlorinated biphenyls (PCBs), pesticides, low-level radiation, and the solvents trichloroethylene (TCE) and perchloroethylene (PCE).
Threat To Public Health & Env: Past disposal practices at March Air Force Base pose a threat to surface and ground water. Work to date has identified ground water contamination on and off base, and recently, in private wells east of the base perimeter. There is no known exposure at this time.
Site Activity Status: The installation restoration program has been initiated at this base. Currently the program is in the confirmation/quantification step of the mitigation process. DHS's oversight has increased due to contamination of drinking water supplies.

A20 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI** **CA LUST** **S106784644**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 20 of 32 in cluster A

Relative: LUST REG 8:
Lower
Region: 8
County: Riverside
Actual: Regional Board: Santa Ana Region
1483 ft. Facility Status: Not reported
Case Number: Not reported
Local Case Num: 400689 -- 9
Case Type: Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI (Continued) **S106784644**

Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100290000
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A21 **MARCH AIR RESERVE BASE** **CA LUST** **S106784660**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 21 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	None Taken
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0606531112
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported

MARCH AIR RESERVE BASE (Continued) **S106784660**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

A22 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - OU-1 SITES GRO** **CA LUST** **S106784769**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 22 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 8
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319400
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - OU-1 SITES GRO (Continued) **S106784769**

Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A23 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 29 FIRE P** **CA LUST** **S106784759**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 23 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 14
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286700
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 29 FIRE P (Continued) **S106784759**

Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A24 **MARCH AIR RESERVE BASE -BASE EXCHANGE STATION BLDG 550(4)** **CA UST** **U003948946 N/A**

< 1/8 **MARCH ARB, CA 92518**

1 ft.

Site 24 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

UST:

Facility ID:	470
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

A25 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 13 TANK T** **CA LUST** **S106784685 N/A**

< 1/8 **RIVERSIDE, CA 92518**

1 ft.

Site 25 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 18
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100281900
How Stopped Date:	Not reported
Enter Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 13 TANK T (Continued) **S106784685**

Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A26 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 31 SOLVEN** **CA LUST** **S106784725**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 26 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 13
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 31 SOLVEN (Continued) **S106784725**

How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286800
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A27 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 1 AIRCRA** **CA LUST** **S106784761**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 27 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 7
Case Type:	Not reported
Substance:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 1 AIRCRA (Continued) **S106784761**

Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319500
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A28 **MARCH AIR RESERVE BASE** **CA UST** **U003802796**
BLDG 605 **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 28 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

UST:

Facility ID:	469
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

A29 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 34 PRITCH** **CA LUST** **S106784750**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 29 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 12
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286900
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 34 PRITCH (Continued) **S106784750**

MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A30 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 37 BLDG** **CA LUST** **S106784732**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 30 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 5
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319700
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 37 BLDG (Continued) **S106784732**

Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A31 **MARCH AIR RESERVE BASE** **CA UST** **U003659460**
BLDG 602 **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 31 of 32 in cluster A

Relative: UST:
Lower

Facility ID:	468
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

Actual:
1483 ft.

A32 **MARCH AIR RESERVE BASE-FLIGHTLINE-MAIN** **CA UST** **U003713120**
BLDGS 1215 1250 1270 437 485 2320 **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 32 of 32 in cluster A

Relative: UST:
Lower

Facility ID:	471
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

Actual:
1483 ft.

33
East
< 1/8
0.011 mi.
56 ft.

AMRO FABRICATING CORP
17101 HEACOCK ST
MORENO VALLEY, CA 92551

RCRA-LQG

1016954669
CAL000374861

Relative:
Lower

Actual:
1484 ft.

RCRA-LQG:

Date form received by agency:	03/01/2014
Facility name:	AMRO FABRICATING CORP
Facility address:	17101 HEACOCK ST MORENO VALLEY, CA 92551
EPA ID:	CAL000374861
Mailing address:	HEACOCK ST MORENO VALLEY, CA 92551
Contact:	DANIEL SHIBLEY
Contact address:	HEACOCK ST MORENO VALLEY, CA 92551
Contact country:	Not reported
Contact telephone:	(951) 842-6148
Contact email:	DSHIBLEY@AMROFAB.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

Owner/Operator Summary:

Owner/operator name:	DHL
Owner/operator address:	W WASHINGTON ST TEMPE, AZ 85281
Owner/operator country:	Not reported
Owner/operator telephone:	(800) 225-5345
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2012
Owner/Op end date:	Not reported
Owner/operator name:	AMRO FABRICATION
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2012
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

AMRO FABRICATING CORP (Continued) **1016954669**

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

Violation Status: No violations found

B34 **MARCH AIR FORCE BASE - SITE 24** **CA RESPONSE** **S101272803**
NE **7,123 ACRES; EAST OF RIVERSIDE, CA** **CA ENVIROSTOR** **N/A**
< 1/8 **RIVERSIDE, CA 92518** **CA HIST Cal-Sites**
0.026 mi.
139 ft. **Site 1 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

RESPONSE:
Facility ID: 33970003
Site Type: State Response
Site Type Detail: Closed Base
Acres: 18
National Priorities List: NO
Cleanup Oversight Agencies: US EPA
Lead Agency Description: US EPA
Project Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 61
Senate: 31
Special Program Status: Not reported
Status: Certified
Status Date: 10/04/1995

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Restricted Use:	NO
Funding:	* Defense Environmental Restoration Program (DERP)
Latitude:	33.88333
Longitude:	-117.2630
APN:	NONE SPECIFIED
Past Use:	LANDFILL - DOMESTIC
Potential COC :	* Asbestos and Naturally Occurring Asbestos (NOA
Confirmed COC:	* Asbestos and Naturally Occurring Asbestos (NOA
Potential Description:	OTH, SOIL
Alias Name:	ALESSANDRO AVIATION FIELD
Alias Type:	Alternate Name
Alias Name:	110033608656
Alias Type:	EPA (FRS #)
Alias Name:	33970003
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	STE40
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/28/1995
Comments:	Removal Action (RA) - The primary objective of this time- critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with sodium hydroxide and 30 55 gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85 gallon overpack drums and transported off site for treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non hazardous materials (consisting of soil and debris) were transported to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	STE40
Completed Document Type:	Feasibility Study Report
Completed Date:	10/13/1994
Comments:	RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface run- off. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

will be segragated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the orignial excavation area which responded positively during the magnotometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	STE40
Completed Document Type:	Certification
Completed Date:	10/04/1995
Comments:	Certification - Confirmation sampling has shown the soil to be suitable for unrestricted use. DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/ remedial action is necessary.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
Facility ID:	33350014
Site Type:	State Response
Site Type Detail:	Closed Base
Acres:	4
National Priorities List:	NO
Cleanup Oversight Agencies:	US EPA
Lead Agency Description:	US EPA
Project Manager:	Not reported
Supervisor:	Manny Alonzo
Division Branch:	Cleanup Cypress
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	61
Senate:	31
Special Program Status:	Not reported
Status:	Certified
Status Date:	05/01/1986
Restricted Use:	NO
Funding:	* Defense Environmental Restoration Program (DERP)
Latitude:	33.8676
Longitude:	-117.2636
APN:	NONE SPECIFIED
Past Use:	INCINERATOR - OTHER
Potential COC :	NONE SPECIFIED
Confirmed COC:	31000-NO
Potential Description:	OTH, SOIL
Alias Name:	33350014
Alias Type:	Envirostor ID Number
Alias Name:	110033608647

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Alias Type: EPA (FRS #)
Alias Name: DOD100278600
Alias Type: GeoTracker Global ID
Alias Name: DOD100278800
Alias Type: GeoTracker Global ID
Alias Name: DOD100280300
Alias Type: GeoTracker Global ID
Alias Name: DOD100280500
Alias Type: GeoTracker Global ID
Alias Name: DOD100281800
Alias Type: GeoTracker Global ID
Alias Name: DOD100281900
Alias Type: GeoTracker Global ID
Alias Name: DOD100282000
Alias Type: GeoTracker Global ID
Alias Name: DOD100282100
Alias Type: GeoTracker Global ID
Alias Name: DOD100283700
Alias Type: GeoTracker Global ID
Alias Name: DOD100285000
Alias Type: GeoTracker Global ID
Alias Name: DOD100285100
Alias Type: GeoTracker Global ID
Alias Name: DOD100285200
Alias Type: GeoTracker Global ID
Alias Name: DOD100286600
Alias Type: GeoTracker Global ID
Alias Name: DOD100288200
Alias Type: GeoTracker Global ID
Alias Name: DOD100288300
Alias Type: GeoTracker Global ID
Alias Name: DOD100290000
Alias Type: GeoTracker Global ID
Alias Name: DOD100291300
Alias Type: GeoTracker Global ID
Alias Name: DOD100291400
Alias Type: GeoTracker Global ID
Alias Name: DOD100291500
Alias Type: GeoTracker Global ID
Alias Name: DOD100291600
Alias Type: GeoTracker Global ID
Alias Name: DOD100319500
Alias Type: GeoTracker Global ID
Alias Name: DOD100319700
Alias Type: GeoTracker Global ID
Alias Name: T0606500618
Alias Type: GeoTracker Global ID

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Certification
Completed Date: 07/22/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Feasibility Study Report

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Completed Date: 09/22/1995
Comments: Not reported

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

ENVIROSTOR:
Facility ID: 33970003
Status: Certified
Status Date: 10/04/1995
Site Code: Not reported
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 18
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 33.88333
Longitude: -117.2630
APN: NONE SPECIFIED
Past Use: LANDFILL - DOMESTIC
Potential COC: * Asbestos and Naturally Occurring Asbestos (NOA
Confirmed COC: * Asbestos and Naturally Occurring Asbestos (NOA
Potential Description: OTH, SOIL
Alias Name: ALESSANDRO AVIATION FIELD
Alias Type: Alternate Name
Alias Name: 110033608656
Alias Type: EPA (FRS #)
Alias Name: 33970003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Removal Action Completion Report
Completed Date: 06/28/1995
Comments: Removal Action (RA) - The primary objective of this time- critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

sodium hydroxide and 30 55 gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85 gallon overpack drums and transported off site for treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non hazardous materials (consisting of soil and debris) were transported to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Feasibility Study Report
Completed Date: 10/13/1994
Comments: RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface run- off. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste will be segragated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the orignial excavation area which responded positively during the magnotometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Certification
Completed Date: 10/04/1995
Comments: Certification - Confirmation sampling has shown the soil to be suitable for unrestricted use. DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/ remedial action is necessary.

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

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 33350014
Status: Certified
Status Date: 05/01/1986
Site Code: Not reported
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 4
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 33.8676
Longitude: -117.2636
APN: NONE SPECIFIED
Past Use: INCINERATOR - OTHER
Potential COC: NONE SPECIFIED
Confirmed COC: 31000-NO
Potential Description: OTH, SOIL
Alias Name: 33350014
Alias Type: Envirostor ID Number
Alias Name: 110033608647
Alias Type: EPA (FRS #)
Alias Name: DOD100278600
Alias Type: GeoTracker Global ID
Alias Name: DOD100278800
Alias Type: GeoTracker Global ID
Alias Name: DOD100280300
Alias Type: GeoTracker Global ID
Alias Name: DOD100280500
Alias Type: GeoTracker Global ID
Alias Name: DOD100281800
Alias Type: GeoTracker Global ID
Alias Name: DOD100281900
Alias Type: GeoTracker Global ID
Alias Name: DOD100282000
Alias Type: GeoTracker Global ID
Alias Name: DOD100282100
Alias Type: GeoTracker Global ID
Alias Name: DOD100283700
Alias Type: GeoTracker Global ID
Alias Name: DOD100285000
Alias Type: GeoTracker Global ID
Alias Name: DOD100285100
Alias Type: GeoTracker Global ID
Alias Name: DOD100285200
Alias Type: GeoTracker Global ID

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Alias Name: DOD100286600
Alias Type: GeoTracker Global ID
Alias Name: DOD100288200
Alias Type: GeoTracker Global ID
Alias Name: DOD100288300
Alias Type: GeoTracker Global ID
Alias Name: DOD100290000
Alias Type: GeoTracker Global ID
Alias Name: DOD100291300
Alias Type: GeoTracker Global ID
Alias Name: DOD100291400
Alias Type: GeoTracker Global ID
Alias Name: DOD100291500
Alias Type: GeoTracker Global ID
Alias Name: DOD100291600
Alias Type: GeoTracker Global ID
Alias Name: DOD100319500
Alias Type: GeoTracker Global ID
Alias Name: DOD100319700
Alias Type: GeoTracker Global ID
Alias Name: T0606500618
Alias Type: GeoTracker Global ID

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Certification
Completed Date: 07/22/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Feasibility Study Report
Completed Date: 09/22/1995
Comments: Not reported

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

Calsite:
Region: GLENDALE
Facility ID: 33350014
Facility Type: CLOSE
Type: CLOSED MILITARY BASE
Branch: SO
Branch Name: OMF-SOUTHERN CALIF
File Name: Not reported
State Senate District: 05011986
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
NPL:	Not Listed
SIC Code:	35
SIC Name:	MANU - INDUSTRIAL MACHINERY & EQUIPMENT
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:	Not reported
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
Lat/Long Description:	Not reported
State Assembly District Code:	64
State Senate District Code:	36
Facility ID:	33350014
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE24
Proposed Budget:	0
AWP Completion Date:	09221995
Revised Due Date:	Not reported
Comments Date:	09221995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
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:	33350014
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE24
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07221996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

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:	7,123 ACRES; EAST OF RIVERSIDE, CA
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Alternate Address:	7,123; EAST OF RIVERSIDE, CA
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Background Info:	Not reported
Comments Date:	Not reported
Comments:	Not reported
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	MARCH AIR FORCE BASE - SITE 24
Special Programs Code:	Not reported
Special Programs Name:	Not reported

B35 **MARCH A F B REFUELING SYSTEM** **CA LUST** **S101300482**
NE **BLDG 1269** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 2 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083302116T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500290
How Stopped Date:	5/9/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/9/1991
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	12/19/1996
Date Remediation Plan Submitted:	Not reported

MARCH A F B REFUELING SYSTEM (Continued) **S101300482**

Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

B36 **MARCH AIR FORCE BASE - SITE 40** **CA HIST Cal-Sites** **S102008377**
NE **7,123 ACRES; EAST OF RIVERSIDE, CA** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.026 mi.
139 ft. **Site 3 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

Calsite:

Region:	GLENDALE
Facility ID:	33970003
Facility Type:	CLOSE
Type:	CLOSED MILITARY BASE
Branch:	SO
Branch Name:	OMF-SOUTHERN CALIF
File Name:	Not reported
State Senate District:	10041995
Status:	CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name:	CERTIFIED
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
NPL:	Not Listed
SIC Code:	97
SIC Name:	NATIONAL SECURITY/INTERNATIONAL AFFAIRS
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:	Not reported
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

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
Lat/Long Description:	Not reported
State Assembly District Code:	64
State Senate District Code:	36
Facility ID:	33970003
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE40
Proposed Budget:	0
AWP Completion Date:	06281995
Revised Due Date:	Not reported
Comments Date:	06281995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	214
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	EXCAVATION AND OFF-SITE DISPOSAL OF 70 5-GAL TO 20-GAL DRUMS, 30 55GAL DRUMS, 14 TONS OF DEBRIS CONTAINING ASBESTOS, 200 CY OF CONTAMINATEDSOIL, AND 6800 CY OF NON-HAZARDOUS MATERIALS REMOVED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970003
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE40
Proposed Budget:	0
AWP Completion Date:	10131994
Revised Due Date:	Not reported
Comments Date:	10131994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
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

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

Facility ID:	33970003
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE40
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10041995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
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
Alternate Address:	22 CSG/CC
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Alternate Address:	7,123 ACRES; EAST OF RIVERSIDE, CA
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Background Info:	Site 40 is a former landfill used for disposing wastes from March AFB. Site 40 is approximately 18 acres of rolling land and the c entral portion of the property consists of a pond which accumulat es surface runoff. Buried drums at this landfill were filled wit h sodium hydroxide, roofing tar, asphalt solids and waste, and oi l and grease. There is potential contamination of the surface an d storm water due to exposure to the drums and debris. March AFB was included on the NPL in 1989. A Federal Facilities Agreement (FFA) was signed between EPA, DHS, the Santa Ana RWQCB and the Ai r Force in September 1990, to provide for the remediation of the Base. For details on other efforts at March AFB refer to March AF B site IDNUN 33970002.
Comments Date:	04301992
Comments:	Landfill #8, Site 40 fence and posted complete. This land-
Comments Date:	04301992
Comments:	fill was exposed when a water tank overflowed after rain,
Comments Date:	04301992
Comments:	and washed down a gulley north of Van Buren Blvd. and west
Comments Date:	04301992
Comments:	of Plummer Road.
Comments Date:	06281995
Comments:	Removal Action (RA) - The primary objective of this time- critica
Comments Date:	06281995
Comments:	l RA was to prevent potential contamination of the surface and st
Comments Date:	06281995
Comments:	orm water in the channel due to exposure to drums and debris buri
Comments Date:	06281995
Comments:	ed in the channel bed. Field execution of the RA resulted in rem
Comments Date:	06281995

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

Comments:	oving approximately 70 5-gallon to 20-gallon decomposed drums fil
Comments Date:	06281995
Comments:	led with sodium hydroxide and 30 55 gallon drums filled with roof
Comments Date:	06281995
Comments:	ing tar, asphalt solids and waste, and oil grease solids. Approx
Comments Date:	06281995
Comments:	imately 200 cubic yards of contaminated overburden material exten
Comments Date:	06281995
Comments:	ding above and to the sides of the drums, in addition to the drum
Comments Date:	06281995
Comments:	s, were combined in 85 gallon overpack drums and transported off
Comments Date:	06281995
Comments:	site for treatment/stabilization in lined end-dumps at the Landla
Comments Date:	06281995
Comments:	w Environmental. Approximately 14 tons of debris containing non-
Comments Date:	06281995
Comments:	friable asbestos as less than 10% by total weight were placed in
Comments Date:	06281995
Comments:	a lined roll-off box and transported off-site to BDC Services, In
Comments Date:	06281995
Comments:	c. for disposal. In addition, approximately 6,800 cubic yards of
Comments Date:	06281995
Comments:	non hazardous materials (consisting of soil and debris) were tra
Comments Date:	06281995
Comments:	nsported to IRP Site 6a. As part of Site 40 restoration, the wat
Comments Date:	06281995
Comments:	er's elevation in the pond was raised by installing a concrete we
Comments Date:	06281995
Comments:	ir at the outlet of the pond. Each site location, including the
Comments Date:	06281995
Comments:	creek bed, was restored. Vegetation destroyed during constructio
Comments Date:	06281995
Comments:	n was replaced with California native plants. This RA, at Site 40
Comments Date:	06281995
Comments:	, is undertaken as part of the ongoing long term remedial actions
Comments Date:	06281995
Comments:	(RI/FS OU-2). 100 drums, 200 cubic yards of contaminated so
Comments Date:	06281995
Comments:	il, 14 tons of non-friable asbestos debris, and 6,800 cubic yards
Comments Date:	06281995
Comments:	of non-hazardous materials were removed.
Comments Date:	10041995
Comments:	Certification - Confirmation sampling has shown the soil to be s
Comments Date:	10041995
Comments:	uitable for unrestricted use. DTSC has determined that all appr
Comments Date:	10041995
Comments:	opriate response actions have been completed, that all acceptable
Comments Date:	10041995
Comments:	engineering practices were implemented and that no further remov
Comments Date:	10041995
Comments:	al/ remedial action is necessary.
Comments Date:	10131994
Comments:	RI/FS - This RI/FS was completed via an EECA for Site 40 which DT
Comments Date:	10131994
Comments:	SC approved on October 13, 1994. Site 40 is a former landfill use
Comments Date:	10131994
Comments:	d for disposing military wastes. It is approximately 18 acres an

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

Comments Date:	10131994
Comments:	d the central portion of the property consists of a pond which ac
Comments Date:	10131994
Comments:	cumulates surface run- off. There are drums buried at this landfi
Comments Date:	10131994
Comments:	ll that appear to contain a mixture of chemicals, clothing, and d
Comments Date:	10131994
Comments:	omestic refuse. The Air Force will: 1) excavate buried drums and
Comments Date:	10131994
Comments:	other solid waste from the creek bed to prepare subgrade for the
Comments Date:	10131994
Comments:	liner. Containerized waste will be segragated, sampled and char
Comments Date:	10131994
Comments:	acterized for disposal, 2) construct a new channel, 3) raise the
Comments Date:	10131994
Comments:	water level in the pond by constructing a weir, 4) trench at thre
Comments Date:	10131994
Comments:	e areas outside of the orignial excavation area which responded p
Comments Date:	10131994
Comments:	ositively during the magnotometer survey, 5) engineer the drainag
Comments Date:	10131994
Comments:	e inlet and outlet to limit contact between the water in the pond
Comments Date:	10131994
Comments:	and the remaining contaminants, if any. Approximate cost = not a
Comments Date:	10131994
Comments:	vailable; funding = BRAC
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	ALESSANDRO AVIATION FIELDMARCH AIR FORCE BASE - SITE 40
Special Programs Code:	Not reported
Special Programs Name:	Not reported

B37 **BUILDING 962** **CA CHMIRS S100179024**
NE **MARCH AFB** **CA Notify 65 N/A**
< 1/8 **MORENO VALLEY, CA 90062**
0.026 mi.
139 ft. **Site 4 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

CHMIRS:

OES Incident Number:	7-1205
OES notification:	03/24/1997
OES Date:	Not reported
OES Time:	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
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

BUILDING 962 (Continued) **S100179024**

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
Facility Telephone:	Not reported
Waterway Involved:	No
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:	1997
Agency:	AFB Conversion Agency
Incident Date:	3/23/199712:00:00 AM
Admin Agency:	Riverside County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Military Base
E Date:	Not reported
Substance:	Trichloroethylene
Gallons:	btwn 500-1000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Somehow the pump tripped at the lift station. Two check valves failed causing tank to overflow. The average concentration is 19.6 PPB

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported

BUILDING 962 (Continued) **S100179024**

Incident Description: Not reported

B38 **PANERO AIRCRAFT FUELING SYST.** **CA Notify 65** **S100179101**
NE **MARCH AFB** **N/A**
< 1/8 **MORENO VALLEY, CA 90062**
0.026 mi.
139 ft. **Site 5 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

B39 **MARCH A F B FLITE LINE** **CA LUST** **S101300481**
NE **BLDG 1244** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 6 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083302120T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500294
How Stopped Date:	5/9/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/7/1991
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	12/19/1996
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	Not reported

MARCH A F B FLITE LINE (Continued) **S101300481**

Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

B40 **MARCH A F B BLDG 3409** **CA LUST** **S102770000**
NE **BLDGS 3409** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 7 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083300866T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Heater Fuel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	PLUMMER
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	Corrosion
Leak Source:	UNK
Global ID:	T0606500090
How Stopped Date:	Not reported
Enter Date:	5/26/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/1/1988
Enforcement Date:	Not reported
Close Date:	2/25/1997
Date Prelim Assessment Workplan Submitted:	Not reported

MARCH A F B BLDG 3409 (Continued) **S102770000**

Date Pollution Characterization Began:	5/26/1988
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/26/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: IRP SITE 35A

B41 **MARCH AIR FORCE BASE - SI** **CA HIST CORTESE** **S103066212**
NE **7 123 ACRES OF RIVERSIDE CA** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.026 mi.
139 ft. **Site 8 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33970002

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33970003

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33350014

B42 **MARCH A F B BLDG 3406** **CA LUST** **S103249162**
NE **BLDG 3406** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 9 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302962T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	PLUMMER
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0606500486
How Stopped Date:	Not reported
Enter Date:	3/14/1997
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/1/1988
Enforcement Date:	Not reported
Close Date:	8/27/1997
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/14/1997
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported

MARCH A F B BLDG 3406 (Continued) **S103249162**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: IRP SITE 35C

B43 **MARCH A F B BLDG 550** **CA LUST** **S102361786**
NE **BLDG 3407** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 10 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302550T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street:	10TH/ ALLEN
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500402
How Stopped Date:	1/17/1991
Enter Date:	12/13/1994
Date Confirmation of Leak Began:	8/30/1994
Date Preliminary Assessment Began:	3/14/1996
Discover Date:	1/17/1991
Enforcement Date:	Not reported
Close Date:	7/25/1996
Date Prelim Assessment Workplan Submitted:	6/5/1995
Date Pollution Characterization Began:	3/14/1996
Date Remediation Plan Submitted:	6/5/1995
Date Remedial Action Underway:	3/14/1996
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/13/1994
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.

MARCH A F B BLDG 550 (Continued) **S102361786**

MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

B44 **MARCH A F B ALERT FACILITY** **CA LUST** **S101300483**
NE **BLDG 1305** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 11 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302118T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500292
How Stopped Date:	5/9/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/9/1991
Enforcement Date:	Not reported
Close Date:	9/12/1996
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678

MARCH A F B ALERT FACILITY (Continued) **S101300483**

MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

C45 **FACILITY 3417** **CA HIST UST** **U001576659**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 1 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA90
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA90.pdf
Region:	STATE
Facility ID:	00000031113
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3417-01
Year Installed:	Not reported
Tank Capacity:	00006650
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C46 **FACILITY 422** **CA HIST UST** **U001576661**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 2 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB3.pdf
Region:	STATE
Facility ID:	00000031152
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	422-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C47 **FACILITY 3414** **CA HIST UST** **U001576658**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 3 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA9C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9C.pdf
Region:	STATE
Facility ID:	00000031127
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3414-01
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 3414 (Continued) **U001576658**

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C48 **REGIONAL HOSPITAL FACILITY 299** **CA HIST UST** **U001576685**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 4 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA93
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA93.pdf
Region:	STATE
Facility ID:	00000031117
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2990-01
Year Installed:	Not reported
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C49 **FACILITY 452** **CA HIST UST** **U001576664**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 5 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB0.pdf
Region:	STATE
Facility ID:	00000031149
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	452-OWS-1
Year Installed:	Not reported

FACILITY 452 (Continued) **U001576664**

Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C50 **FACILITY 429** **CA HIST UST** **U001576662**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 6 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAB2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB2.pdf
Region: STATE
Facility ID: 00000031151
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 429-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C51 **FACILITY 5039** **CA HIST UST** **U001576668**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 7 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FA8F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA8F.pdf
Region: STATE
Facility ID: 00000031112
Facility Type: Other
Other Type: HEATING EQUIPMENT
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB

FACILITY 5039 (Continued) **U001576668**

Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 5039-01
Year Installed: Not reported
Tank Capacity: 00000700
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C52 **FACILITY 373** **CA HIST UST** **U001576660**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 8 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAAC
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAC.pdf
Region: STATE
Facility ID: 00000031145
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 373-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C53 **FACILITY 3406** **CA HIST UST** **U001576656**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 9 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FA9F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9F.pdf
Region: STATE
Facility ID: 00000031130

FACILITY 3406 (Continued) **U001576656**

Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3406-01
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C54 **FACILITY 3404** **CA HIST UST** **U001576655**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 10 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA92
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA92.pdf
Region:	STATE
Facility ID:	00000031115
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3404-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C55 **FACILITY 2518** **CA HIST UST** **U001576649**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 11 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB5.pdf
Region:	STATE
Facility ID:	00000031154
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2518-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C56 **FACILITY 2314** **CA HIST UST** **U001576648**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 12 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA95
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA95.pdf
Region:	STATE
Facility ID:	00000031119
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2314-01
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 2314 (Continued) **U001576648**

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C57 **U S CUSTOMS SERVICE** **CA SWEEPS UST** **S101590313**
NW **MAFB BLDG 605** **CA FID UST** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 13 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

SWEEPS UST:

Status:	Active
Comp Number:	38489
Number:	7
Board Of Equalization:	Not reported
Referral Date:	06-15-89
Action Date:	06-15-89
Created Date:	06-15-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	33-000-038489-000001
Tank Status:	A
Capacity:	7000
Active Date:	06-15-89
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	33007017
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX 6363
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIVERSIDE 92518
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

C58 **CALIFORNIA AIR NATIONAL GUARD,** **CA HIST UST** **U001576669**
NW **MARCH AFB** **CA EMI** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 14 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC4
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC4.pdf
Region:	STATE
Facility ID:	00000031111

CALIFORNIA AIR NATIONAL GUARD, (Continued) **U001576669**

Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATESS AIR FORCE
Owner Address:	22CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5041-01
Year Installed:	Not reported
Tank Capacity:	00000200
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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EMI:

Year:	1996
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	2002
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	33

CALIFORNIA AIR NATIONAL GUARD, (Continued) **U001576669**

Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	2004
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	0.3352366
Reactive Organic Gases Tons/Yr:	0.13
Carbon Monoxide Emissions Tons/Yr:	0.12789
NOX - Oxides of Nitrogen Tons/Yr:	0.2702
SOX - Oxides of Sulphur Tons/Yr:	0.002286
Particulate Matter Tons/Yr:	0.0181938
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.01

Year:	2006
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	.1410460449007327796
Reactive Organic Gases Tons/Yr:	.071
Carbon Monoxide Emissions Tons/Yr:	.159
NOX - Oxides of Nitrogen Tons/Yr:	.279
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.016

Year:	2007
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

CALIFORNIA AIR NATIONAL GUARD, (Continued) **U001576669**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1410460449007327796
Reactive Organic Gases Tons/Yr:	.071
Carbon Monoxide Emissions Tons/Yr:	.159
NOX - Oxides of Nitrogen Tons/Yr:	.279
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.016

Year:	2009
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	6.5821822308830796E-2
Reactive Organic Gases Tons/Yr:	4.8503999999999999E-2
Carbon Monoxide Emissions Tons/Yr:	0.19617999999999999
NOX - Oxides of Nitrogen Tons/Yr:	0.29901
SOX - Oxides of Sulphur Tons/Yr:	8.6280000000000003E-3
Particulate Matter Tons/Yr:	4.0408050000000001E-2
Part. Matter 10 Micrometers & Smllr Tons/Yr:	3.9651962999999998E-2

Year:	2013
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	0.078576507116
Reactive Organic Gases Tons/Yr:	0.05986
Carbon Monoxide Emissions Tons/Yr:	0.22216
NOX - Oxides of Nitrogen Tons/Yr:	0.22648
SOX - Oxides of Sulphur Tons/Yr:	0.001166
Particulate Matter Tons/Yr:	0.03909335
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.038463361

C59 **FACILITY 3401** **CA HIST UST** **U001576654**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 15 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC5.pdf
Region:	STATE
Facility ID:	00000031116
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858

FACILITY 3401 (Continued) **U001576654**

Owner Name: UNITED STATESS AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 3401-01
Year Installed: Not reported
Tank Capacity: 00006650
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C60 **FUEL CELL MAINTENANCE BLDG 2** **CA HIST UST** **U001576678**
NW **TRANSPORTTION BLDG/COMPOSITE/** **N/A**
< 1/8 **MARCH AFB, CA 92518**
0.030 mi.
157 ft. **Site 16 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001F471
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F471.pdf
Region: STATE
Facility ID: 00000058570
Facility Type: Other
Other Type: AIRCRAFT MAINTENANCE
Contact Name: LT COL. RICHARD L. SCHMITT
Telephone: 7146555456
Owner Name: CALIFORNIA AIR NATIONAL GUARD
Owner Address: MARCH AIR FORCE BASE
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0010

Tank Num: 001
Container Num: 2309-1
Year Installed: 1983
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 12
Leak Detection: None

Tank Num: 002
Container Num: 2274-5
Year Installed: 1983
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 2274-4
Year Installed: 1983
Tank Capacity: 00000500

FUEL CELL MAINTENANCE BLDG 2 (Continued) **U001576678**

Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	2274-3
Year Installed:	1983
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	2274-2
Year Installed:	1983
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	006
Container Num:	2274-1
Year Installed:	1983
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	007
Container Num:	2272-3
Year Installed:	1983
Tank Capacity:	00000750
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	008
Container Num:	2272-2
Year Installed:	1983
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	009
Container Num:	2272-1
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported

FUEL CELL MAINTENANCE BLDG 2 (Continued) **U001576678**

Leak Detection: None

Tank Num: 010
Container Num: 2271-1
Year Installed: 1983
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

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C61 **FACILITY 440** **CA HIST UST** **U001576663**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 17 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAB1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB1.pdf
Region: STATE
Facility ID: 00000031150
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 440-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C62 **FACILITY 5042** **CA HIST UST** **U001576670**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 18 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAA0
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA0.pdf
Region: STATE
Facility ID: 00000031131
Facility Type: Other

FACILITY 5042 (Continued) **U001576670**

Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5042-01
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C63 **FACILITY 5044** **CA HIST UST** **U001576671**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 19 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA9E
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9E.pdf
Region:	STATE
Facility ID:	00000031129
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5044-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C64 **FACILITY 602** **CA HIST UST** **U001576673**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 20 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA97
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA97.pdf
Region:	STATE
Facility ID:	00000031121
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	602-01
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C65 **PRITCHARD REFUELING SYSTEM FAC** **CA HIST UST** **U001576684**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 21 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABE.pdf
Region:	STATE
Facility ID:	00000031163
Facility Type:	Other
Other Type:	AIRCRAFT REFUELING
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0006
Tank Num:	001
Container Num:	10006-01
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

PRITCHARD REFUELING SYSTEM FAC (Continued) **U001576684**

Tank Num:	002
Container Num:	10006-02
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	003
Container Num:	10006-03
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	004
Container Num:	10006-04
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	005
Container Num:	10006-05
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	006
Container Num:	1006-06
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

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C66
NW
< 1/8
0.030 mi.
157 ft.

FACILITY 1210 **CA HIST UST** **U001576634**
MARCH AFB FLIGHTLINE **N/A**
RIVERSIDE, CA 92518

Site 22 of 53 in cluster C

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA5.pdf
Region:	STATE
Facility ID:	00000031137

FACILITY 1210 (Continued) **U001576634**

Facility Type:	Other
Other Type:	POWER GENERATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1210-01
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C67 **FACILITY 1211** **CA HIST UST** **U001576635**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 23 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABC.pdf
Region:	STATE
Facility ID:	00000031161
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1211-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C68 **AIR FORCE BASE CONV AGENCY** **RCRA-SQG** **1001115472**
NW **AFBCA/OL-DBF AREA** **CAR000014076**
< 1/8 **MARCH AFB, CA 92518**
0.030 mi.
157 ft. **Site 24 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

RCRA-SQG:

Date form received by agency:	07/28/1996
Facility name:	AIR FORCE BASE CONV AGENCY
Facility address:	AFBCA/OL-DBF AREA EAST OF I 215 (SEE MAP) MARCH AFB, CA 925181504
EPA ID:	CAR000014076
Mailing address:	BUNDY AVE MARCH AFB, CA 925181504
Contact:	JON SATROM
Contact address:	3430 BUNDY AVE MARCH AFB, CA 925181504
Contact country:	US
Contact telephone:	(909) 697-6722
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:	AIR FIRCE BASE CONV AGENCY
Owner/operator address:	3430 BUNDY AVE MARCH AFB, CA 92518
Owner/operator country:	Not reported
Owner/operator telephone:	(909) 697-6722
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:	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

AIR FORCE BASE CONV AGENCY (Continued) **1001115472**

Historical Generators:
Date form received by agency: 07/28/1996
Site name: AIR FORCE BASE CONV AGENCY
Classification: Small Quantity Generator

Violation Status: No violations found

C69 **FACILITY 1203** **CA HIST UST** **U001576633**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 25 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAC2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC2.pdf
Region: STATE
Facility ID: 00000031174
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 1203-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C70 **FACILITY 3409** **CA HIST UST** **U001576657**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 26 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FA91
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA91.pdf
Region: STATE
Facility ID: 00000031114
Facility Type: Other
Other Type: HEATING EQUIPMENT
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

FACILITY 3409 (Continued) **U001576657**

Tank Num:	001
Container Num:	3409-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C71 **FACILITY 941** **CA HIST UST** **U001576676**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 27 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC1
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC1.pdf
Region:	STATE
Facility ID:	00000031173
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001

Tank Num:	001
Container Num:	941-OSW-1
Year Installed:	Not reported
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C72 **FACILITY 470** **CA HIST UST** **U001576667**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 28 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA4
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA4.pdf
Region:	STATE
Facility ID:	00000031136
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported

FACILITY 470 (Continued) **U001576667**

Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	470-01
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C73 **FACILITY 458** **CA HIST UST** **U001576666**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 29 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAAE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAE.pdf
Region:	STATE
Facility ID:	00000031147
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	458-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C74
NW
< 1/8
0.030 mi.
157 ft.

PANERO REFUELING SYSTEM FACILI
MARCH AFB FLIGHTLINE
RIVERSIDE, CA 92518

Site 30 of 53 in cluster C

CA HIST UST | **U001576683** | **N/A**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0002D8FC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D8FC.pdf
Region:	STATE
Facility ID:	00000031181
Facility Type:	Other
Other Type:	AIRCRAFT REFUELING
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0035
Tank Num:	001
Container Num:	10003-01
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	10003-02
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	10003-03
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	004
Container Num:	10003-04
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	005
Container Num:	10003-05
Year Installed:	1952

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 006
Container Num: 10003-06
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 007
Container Num: 10003-07
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 008
Container Num: 10003-08
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 009
Container Num: 10003-09
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 010
Container Num: 10003-10
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 011
Container Num: 10003-11
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	012
Container Num:	10003-12
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	013
Container Num:	10003-13
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	014
Container Num:	10003-14
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	015
Container Num:	10003-15
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	016
Container Num:	10003-16
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	017
Container Num:	10003-17
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Tank Num:	018
Container Num:	10003-18
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	019
Container Num:	10003-19
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	020
Container Num:	10003-20
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	021
Container Num:	10003-21
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	022
Container Num:	10003-22
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	023
Container Num:	10003-23
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	024
Container Num:	10003-24
Year Installed:	1952

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 025
Container Num: 10003-25
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 026
Container Num: 10003-26
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 027
Container Num: 10003-27
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 028
Container Num: 10003-28
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 029
Container Num: 10003-29
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 030
Container Num: 10003-30
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	031
Container Num:	10003-31
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	032
Container Num:	10003-32
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	033
Container Num:	10003-33
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	034
Container Num:	10003-34
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	035
Container Num:	10003-35
Year Installed:	1952
Tank Capacity:	00025000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

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C75 **FACILITY 453** **CA HIST UST** **U001576665**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 31 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAAF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAF.pdf
Region:	STATE
Facility ID:	00000031148
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	453-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C76 **FACILITY 6603** **CA HIST UST** **U001576674**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 32 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABF.pdf
Region:	STATE
Facility ID:	00000031171
Facility Type:	Other
Other Type:	OIL WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	6603-OWS-1
Year Installed:	1976
Tank Capacity:	00180000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 6603 (Continued) **U001576674**

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C77 **FACILITY 5901** **CA HIST UST** **U001576672**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 33 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA9D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9D.pdf
Region:	STATE
Facility ID:	00000031128
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5901-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C78 **HOSPITAL POWER PLANT FACIALIER** **CA HIST UST** **U001576680**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 34 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA2
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA2.pdf
Region:	STATE
Facility ID:	00000031144
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2991-01
Year Installed:	Not reported

HOSPITAL POWER PLANT FACIALIER (Continued) **U001576680**

Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	001
Container Num:	2991-01
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C79 **FACILITY 1246** **CA HIST UST** **U001576638**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 35 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABA
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABA.pdf
Region:	STATE
Facility ID:	00000031159
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1246-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C80 **FACILITY 1305** **CA HIST UST** **U001576641**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 36 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC6.pdf
Region:	STATE
Facility ID:	00000031123
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATESS AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1305-01
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C81 **FACILITY 1241** **CA HIST UST** **U001576636**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 37 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABB.pdf
Region:	STATE
Facility ID:	00000031160
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1241-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

FACILITY 1241 (Continued) **U001576636**

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C82 **FACILITY 1244** **CA HIST UST** **U001576637**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 38 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA99
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA99.pdf
Region:	STATE
Facility ID:	00000031124
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0002
Tank Num:	001
Container Num:	1244-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	1244-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C83 **FACILITY 2313** **CA HIST UST** **U001576647**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 39 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA96
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA96.pdf
Region:	STATE
Facility ID:	00000031120
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported

FACILITY 2313 (Continued) **U001576647**

Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 2313-01
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C84 **FACILITY 1311** **CA HIST UST** **U001576642**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 40 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAA8
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA8.pdf
Region: STATE
Facility ID: 00000031141
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 1311-01
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C85
NW
< 1/8
0.030 mi.
157 ft.

FACILITY 1800
MARCH AFB FLIGHTLINE
RIVERSIDE, CA 92518

Site 41 of 53 in cluster C

CA HIST UST **U001576644**
N/A

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA9.pdf
Region:	STATE
Facility ID:	00000031142
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554855
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1800-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C86
NW
< 1/8
0.030 mi.
157 ft.

FACILITY 962
MARCH AFB
RIVERSIDE, CA 92518

Site 42 of 53 in cluster C

CA HIST UST **U001576677**
N/A

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA98
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA98.pdf
Region:	STATE
Facility ID:	00000031122
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	962-01
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 962 (Continued) **U001576677**

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C87 **FACILITY 2307** **CA HIST UST** **U001576646**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 43 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB6.pdf
Region:	STATE
Facility ID:	00000031155
Facility Type:	Other
Other Type:	OIL WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2307-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C88 **LB/128 DNBYCAIA** **CA HIST UST** **U001576697**
NW **25 MILES EAST OF AMBOY HWY 66** **N/A**
< 1/8 **DANBY, CA 92532**
0.030 mi.
157 ft. **Site 44 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0002A3C8
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A3C8.pdf
Region:	STATE
Facility ID:	00000068347
Facility Type:	Other
Other Type:	SIC 4800
Contact Name:	W.R. PORTER
Telephone:	7146665611
Owner Name:	PACIFIC BELL
Owner Address:	2600 CAMINO RAMON, RM 2E050
Owner City,St,Zip:	SAN RAMON, CA 94583
Total Tanks:	0001
Tank Num:	001
Container Num:	D-G1-300
Year Installed:	1961

LB/128 DNBYCAIA (Continued) **U001576697**

Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: 4
Container Construction Thickness: X
Leak Detection: None

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C89 **FACILITY 260** **CA HIST UST** **U001576651**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 45 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAA3
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA3.pdf
Region: STATE
Facility ID: 00000031135
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 260-01
Year Installed: Not reported
Tank Capacity: 00015000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C90 **FACILITY 2622** **CA HIST UST** **U001576653**
NW **RIVERSIDE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 46 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAAA
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAA.pdf
Region: STATE
Facility ID: 00000031143
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB

FACILITY 2622 (Continued) **U001576653**

Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 2622-01
Year Installed: Not reported
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C91 **INTEX CORPORATION** **CA HIST UST** **U001576682**
NW **MARCH AFB FLIGHTLING** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 47 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001F71B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F71B.pdf
Region: STATE
Facility ID: 00000031133
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: INTEX CORPORATION
Owner Address: 4130 SANTA FE AVE.
Owner City,St,Zip: LONG BEACH, CA 90801
Total Tanks: 0001

Tank Num: 001
Container Num: 3008-01
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C92 **FACILITY 2519** **CA HIST UST** **U001576650**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 48 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAB4
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB4.pdf
Region: STATE
Facility ID: 00000031153

FACILITY 2519 (Continued) **U001576650**

Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2519-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C93 **GLIDE SLOPE FACILITY 1300** **CA HIST UST** **U001576679**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 49 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA7.pdf
Region:	STATE
Facility ID:	00000031140
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1300-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C94 **FACILITY 1250** **CA HIST UST** **U001576639**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 50 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB9.pdf
Region:	STATE
Facility ID:	00000031158
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1250-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C95 **FACILITY 1272** **CA HIST UST** **U001576640**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 51 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA6.pdf
Region:	STATE
Facility ID:	00000031139
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1272-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 1272 (Continued) **U001576640**

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C96 **FACILITY 2606** **CA HIST UST** **U001576652**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 52 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA94
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA94.pdf
Region:	STATE
Facility ID:	00000031118
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2606-01
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C97 **AIR FORCE BASE CONV AGENCY** **RCRA-SQG** **1001115471**
NW **AFBCA/OL-DBF AREA** **CA HAZNET** **CAR000014068**
< 1/8 **MARCH AFB, CA 92518**
0.030 mi.
157 ft. **Site 53 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

RCRA-SQG:

Date form received by agency:	07/28/1996
Facility name:	AIR FORCE BASE CONV AGENCY
Facility address:	AFBCA/OL-DBF AREA WEST OF I-215 (SEE MAP) MARCH AFB, CA 925181504
EPA ID:	CAR000014068
Mailing address:	3430 BUNDY AVE MARCH AFB, CA 925181504
Contact:	JOHN SATROM
Contact address:	AFBCA/OL-DBF AREA WEST OF I-215 (SEE MAP) MARCH AFB, CA 925181504
Contact country:	US
Contact telephone:	(909) 697-6722
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator

AIR FORCE BASE CONV AGENCY (Continued) **1001115471**

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: AIR FORCE BASE CONV AGENCY
Owner/operator address: 3430 BUNDY AVE
MARCH AFB, CA 92518
Owner/operator country: Not reported
Owner/operator telephone: (909) 697-6722
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: 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: 07/28/1996
Site name: AIR FORCE BASE CONV AGENCY
Classification: Small Quantity Generator

Violation Status: No violations found

HAZNET:
envid: 1001115471
Year: 2012
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Riverside
TSD EPA ID: KSD980633259
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 5.018

AIR FORCE BASE CONV AGENCY (Continued) **1001115471**

Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

envid: 1001115471
Year: 2012
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Riverside
TSD EPA ID: KSD980633259
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 5.018
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

envid: 1001115471
Year: 2011
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Not reported
TSD EPA ID: KSD980633259
TSD County: Not reported
Waste Category: Organic solids with halogens
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 1
Cat Decode: Organic solids with halogens
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

envid: 1001115471
Year: 2011
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Not reported
TSD EPA ID: KSD980633259
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 5
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

AIR FORCE BASE CONV AGENCY (Continued) **1001115471**

envid:	1001115471
Year:	2011
GEPAID:	CAR000014068
Contact:	M SWART/ENVT'L PROTECTION SPEC
Telephone:	9166430830
Mailing Name:	Not reported
Mailing Address:	2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip:	LACKLAND AFB, TX 782360000
Gen County:	Not reported
TSD EPA ID:	KSD980633259
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	5
Cat Decode:	Not reported
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Riverside

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

D98 **EMPIRE TRACTOR** **CA LUST** **S104164590**
SSW **1480 NANDINA AVE** **N/A**
1/8-1/4 **PERRIS, CA 92571**
0.247 mi.
1306 ft. **Site 1 of 3 in cluster D**

Relative:
Higher

Actual:
1508 ft.

LUST:

Region:	STATE
Global Id:	T0606500575
Latitude:	33.8671188104111
Longitude:	-117.258709195107
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/09/2002
Lead Agency:	RIVERSIDE COUNTY LOP
Case Worker:	SCB
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	083303385T
LOC Case Number:	9914949
File Location:	Local Agency Warehouse
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

Contact:

Global Id:	T0606500575
Contact Type:	Local Agency Caseworker
Contact Name:	SHARON BOLTINGHOUSE
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	sbolting@rivcocha.org
Phone Number:	9519558980

Global Id: T0606500575

EMPIRE TRACTOR (Continued) **S104164590**

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: tmbeke-ekanem@waterboards.ca.gov
Phone Number: 9513202007

Status History:
Global Id: T0606500575
Status: Completed - Case Closed
Status Date: 01/09/2002

Global Id: T0606500575
Status: Open - Case Begin Date
Status Date: 02/23/1999

Regulatory Activities:
Global Id: T0606500575
Action Type: Other
Date: 02/28/1999
Action: Leak Stopped

Global Id: T0606500575
Action Type: ENFORCEMENT
Date: 04/02/2009
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500575
Action Type: Other
Date: 02/23/1999
Action: Leak Reported

Global Id: T0606500575
Action Type: Other
Date: 02/23/1999
Action: Leak Discovery

Global Id: T0606500575
Action Type: ENFORCEMENT
Date: 04/01/2009
Action: File review - #RCDEH Upload Site File 3/11/2015

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 9914949
Employee: Boltinghous-LOP
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

D99 SSW 1/8-1/4 0.247 mi. 1306 ft. — **EMPIRE TRACTOR CO**
1480 NANDINA AVE
PERRIS, CA 92571
Site 2 of 3 in cluster D

Database(s): RCRA-SQG, FINDS, ECHO
EDR ID Number: 1000886294
EPA ID Number: CA0000137596

Relative: Higher

Actual: 1508 ft.

RCRA-SQG:

Date form received by agency:	02/11/1994
Facility name:	EMPIRE TRACTOR CO
Facility address:	1480 NANDINA AVE PERRIS, CA 92571
EPA ID:	CA0000137596
Mailing address:	NANDINA AVE PERRIS, CA 92571
Contact:	BILL HUINKER
Contact address:	1480 NANDINA AVE PERRIS, CA 92571
Contact country:	US
Contact telephone:	(909) 943-2921
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:	EMPIRE TRACTOR CO
Owner/operator address:	1480 NANDINA AVE PERRIS, CA 92571
Owner/operator country:	Not reported
Owner/operator telephone:	(909) 943-2921
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	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

Violation Status: No violations found

EMPIRE TRACTOR CO (Continued) **1000886294**

FINDS:

Registry ID: 110002614118

Environmental Interest/Information System
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.

ECHO:

Envid:	1000886294
Registry ID:	110002614118
FIPS Code:	06065
EPA Region:	09
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	N
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	33.8672
Longitude:	-117.25862
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	CENTER OF A FACILITY OR STATION
Accuracy Meters:	30
Derived Tribes:	San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 19.4 mile(s), San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 19.4 mile(s), Soboba Band of Luiseno Indians, California - 19.9 mile(s), Morongo Band of Mission Indians, California (previously listed as the Morongo Band of Cahuilla Mission Indians of the Morongo Reservation) - 19.9 mile(s), Soboba Band of Luiseno Indians, California - 23.3 mile(s)
Derived Huc:	18070202
Derived WBD:	Not reported
Derived STCT FPS:	06065
Derived Zip:	92571
Derived CD113:	41
Derived CB2010:	060650426201035
Percent Minority:	82.049
Pop Den:	1483.43
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported

EMPIRE TRACTOR CO (Continued) **1000886294**

Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	CA0000137596
RCRA Permit Types:	SQG
RCRA NAICS:	Not reported
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported

EMPIRE TRACTOR CO (Continued) **1000886294**

RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002614118
Facility SIC Codes:	Not reported
Facility NAICS Codes:	Not reported
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

D100 **EMPIRE TRACTOR** **CA LUST** **S104753651**
SSW **1480 NANDINA AVE** **CA HIST CORTESE** **N/A**
1/8-1/4 **PERRIS, CA 92571**
0.247 mi.
1306 ft. **Site 3 of 3 in cluster D**

Relative:
Higher

Actual:
1508 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Leak being confirmed
Case Number:	083303385T
Local Case Num:	9914949
Case Type:	Soil only
Substance:	Waste Oil
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	NALINI
Enf Type:	Not reported
Funding:	Not reported

EMPIRE TRACTOR (Continued) **S104753651**

How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500575
How Stopped Date:	2/28/1999
Enter Date:	3/22/1999
Date Confirmation of Leak Began:	1/1/1965
Date Preliminary Assessment Began:	Not reported
Discover Date:	2/23/1999
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/22/1999
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8444924
Longitude:	-117.2222335
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	TME
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083303385T

E101 **NANDINA LIQUOR** **CA LUST** **S101631120**
SSW **1569** **CA SWEEPS UST** **N/A**
1/4-1/2 **PERRIS, CA 92571** **CA FID UST**
0.256 mi. **CA HIST CORTESE**
1354 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
1516 ft.

LUST:

Region:	STATE
Global Id:	T0606500307
Latitude:	33.8659398114501
Longitude:	-117.260492552057
Case Type:	LUST Cleanup Site
Status:	Open - Verification Monitoring
Status Date:	06/20/2005
Lead Agency:	RIVERSIDE COUNTY LOP
Case Worker:	LS
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	083302212T
LOC Case Number:	93025
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	***Data prior to 2005 does not appear in GeoTracker. Consult agency file for all site data*** In December, 1992, one 4000 gallon UST was removed from the site. Elevated hydrocarbon levels were detected in the soil. One additional 600 gallon UST was removed January 11, 1993. In July, 1994, hand augured soil samples were taken beneath the 600 gallon UST. Contamination increased with depth. Deeper augur samples, to 21 feet, were taken in November, 1994. TPHg increased from 100 ppm at 5 to 480 ppm at 8 to 820 ppm at 21. In September 1998, five underground storage tanks (USTs) were removed from the Site. Four of the five tanks contained gasoline and diesel fuel. The fifth tank was for storage of used oil. Confirmation soil samples collected following removal of the USTs revealed that discharges of petroleum hydrocarbons had occurred to subsurface soils. Neither product piping nor dispenser islands were removed during UST closure activities. The UST excavations were backfilled with the excavated soils. In February 1999, six exploratory soil borings were drilled and sampled in the vicinity of the former five USTs. Groundwater was encountered at 29. In October 1999, three groundwater wells, MW-1, MW-2 and MW-3, were installed in the area of the former gasoline and diesel fuel USTs. The remaining product piping, former dispenser islands, and dispenser canopy were removed in May 2001. In May 2001 ten additional exploratory borings were drilled and sampled. The northern end of the center dispenser island detected contaminants which increased with depth. In October and November 2002, further assessment was conducted at the Site . Five 2-inch diameter groundwater monitoring wells were installed on the Site. Significant soil contamination was not encountered within any of the five boreholes. Free product was encountered in MW-2 in December 2003. . MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events. In March 2004, three additional groundwater wells were installed. Significant soil

NANDINA LIQUOR (Continued) **S101631120**

contamination was not encountered within any of the three boreholes. A Dual-Phase Extraction pilot test was conducted during an approximately 80-hour event from November 15-November 19, 2004. A discharge permit was obtained from the Regional Water Quality Control Board (RWQCB) Santa Ana Region to discharge the treated groundwater to an underground trench. On May 10-12, 2006 a second pilot test was completed. On June 9, 2008 the groundwater pump and treat (GPT) and soil vapor extraction (SVE) systems were activated for preliminary testing purposes only. The systems were operated intermittently and necessary adjustments were made over a period of approximately six weeks. On July 23, 2008 the GPT and SVE systems became fully operational. The system operated until October 1, 2008 when it was shut down due to lack of funds. . The SVE system was restarted April 11, 2011 and limited testing using dual-phase extraction was completed May 5 and 20, 2011. On April 11, 2011, a dual-phase extraction system was started and continued through the second quarter 2011. A total of 399 lbs of TPHg were recovered. Third and fourth events were conducted in July through December 2011. A total of 512 lbs of TPHg and 138757 gallon of groundwater were removed during the third event and 33 lbs of TPHg and 25256 gallon of groundwater were removed during the fourth event. Seven soil borings were advanced to 35.5 feet on January 23 and 24, 2012 and were converted to one monitoring well (MW13) and 6 dual-phase extraction wells (DPE1 through DPE6). . The newly installed DPE wells (DPE-1 through DPE-6) were added to the DPE system. Up to 19700 ppmV TPHg was detected in the vapors in DPE4. Up to 14.4 ppmV benzene was detected in the vapors from DPE3. The DPE system was shut down due to Fund budgeting in April 2012. 285716 gallons of groundwater had been removed, treated and discharged. 1503 lbs of TPHg were recovered. The DPE system was restarted in July 2013. Influent TPHg vapors showed up to 262 ppmV. The system was operated until November 2012 when the DPE system was shut down for rebounding. Influent TPHg at shutdown was 103 ppmV, benzene was 0.4 ppmV, toluene was 3.56 ppmV, ethylbenzene was 1.33 ppmV and xylenes were 13.1 ppmV. A total of 8 dual-phase extraction treatment events had been conducted. 1855 lbs of hydrocarbons and 357916 gallons of groundwater have been removed during the 8 events. The groundwater monitoring wells have been sampled quarterly since October 2001 until September 2008 when sampling was discontinued due to lack of Funds. Sampling was restarted November 2009. Up to 75,000 ppb TPHd, 3,200,000 ppb TPHg, 1,300,000 ppb benzene, 3,900,000 ppb toluene, 850,000 ppb ethylbenzene, 5,900,000 ppb xylenes, 6,500 ppb MTBE, 48000 ppb Naphthalene, and 2300 ppb TAME was detected in all wells. Free product was encountered in MW-2 in December 2003. Up to 0.32 of free product was detected in MW-2 and 0.02 in MW-1. MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events.

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

Contact:
Global Id: T0606500307

NANDINA LIQUOR (Continued) **S101631120**

Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	cbernhardt@waterboards.ca.gov
Phone Number:	9517824495

Global Id:	T0606500307
Contact Type:	Local Agency Caseworker
Contact Name:	LINDA SHURLOW
Organization Name:	RIVERSIDE COUNTY LOP
Address:	47950 Arabia Street, Suite A
City:	Indio
Email:	lshurlow@rivcocha.org
Phone Number:	7608637570

Status History:

Global Id:	T0606500307
Status:	Open - Case Begin Date
Status Date:	12/21/1992

Global Id:	T0606500307
Status:	Open - Remediation
Status Date:	12/21/1992

Global Id:	T0606500307
Status:	Open - Remediation
Status Date:	06/20/2005

Global Id:	T0606500307
Status:	Open - Site Assessment
Status Date:	01/04/1993

Global Id:	T0606500307
Status:	Open - Site Assessment
Status Date:	01/22/1999

Global Id:	T0606500307
Status:	Open - Verification Monitoring
Status Date:	06/20/2005

Regulatory Activities:

Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	07/31/2009
Action:	Staff Letter - #RCDEH073109

Global Id:	T0606500307
Action Type:	Other
Date:	12/21/1992
Action:	Leak Stopped

Global Id:	T0606500307
Action Type:	RESPONSE
Date:	10/15/2013

NANDINA LIQUOR (Continued) **S101631120**

Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: REMEDIATION
Date: 03/31/2011
Action: Other (Use Description Field)

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 10/11/2006
Action: Staff Letter - #101106

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 02/08/2008
Action: File review

Global Id: T0606500307
Action Type: RESPONSE
Date: 12/20/2013
Action: Remedial Progress Report

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 10/24/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Annually

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/16/2012
Action: Other Report / Document

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Quarterly

NANDINA LIQUOR (Continued) **S101631120**

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 02/17/2012
Action: Well Installation Report

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 04/28/2015
Action: File review - #RCDEH site summary

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 11/30/2011
Action: Staff Letter - #RCDEH 113011

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Annually

Global Id: T0606500307
Action Type: Other
Date: 01/05/1993
Action: Leak Reported

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/02/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/04/2013
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/04/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 09/12/2013
Action: Other Workplan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE

NANDINA LIQUOR (Continued) **S101631120**

Date: 11/26/2006
Action: Other Report / Document

Global Id: T0606500307
Action Type: RESPONSE
Date: 02/06/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 06/03/2008
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 06/06/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/31/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 11/28/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 08/19/2008
Action: File review

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: REMEDIATION
Date: 03/01/2004
Action: Free Product Removal

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/07/2011
Action: Staff Letter - #RCDEH 070711

NANDINA LIQUOR (Continued) **S101631120**

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 04/25/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0606500307
Action Type: REMEDIATION
Date: 12/21/2000
Action: Excavation

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/19/2011
Action: Technical Correspondence / Assistance / Other - #RCDEH 071911

Global Id: T0606500307
Action Type: Other
Date: 01/04/1993
Action: Leak Discovery

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: REMEDIATION
Date: 07/23/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 93025
Employee: Shurlow-LOP
Site Closed: Not Closed
Case Type: Drinking Water Aquifer affected
Facility Status: remedial action
Casetype Decode: An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode: Remedial Action

NANDINA LIQUOR (Continued) **S101631120**

SWEEPS UST:

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000001
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	7

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000002
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000003
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90

NANDINA LIQUOR (Continued) **S101631120**

Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000004
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000005
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000006
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000007
Tank Status:	A
Capacity:	100

NANDINA LIQUOR (Continued) **S101631120**

Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 33000360
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149437075
Mail To: Not reported
Mailing Address: 1569 NANDINA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: PERRIS 92370
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083302212T

E102 **PULLIAM FAMILY TRUST** **CA LUST** **S105850475**
SSW **1569 NANDINA AVE** **N/A**
1/4-1/2 **PERRIS, CA 92571**
0.256 mi.
1354 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
1516 ft.

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment workplan submitted
Case Number: 083302212T
Local Case Num: 93025
Case Type: Soil only
Substance: Diesel
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Cross Street: HWY 215
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0606500307

PULLIAM FAMILY TRUST (Continued) **S105850475**

How Stopped Date:	12/21/1992
Enter Date:	3/17/1993
Date Confirmation of Leak Began:	1/4/1993
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/4/1993
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	1/1/1965
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/17/1993
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8444924
Longitude:	-117.2222335
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

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103 **SITE Y -CAMP HAAN** **CA SWF/LF** **S106900233**
SW **NORTH END DECKER ROAD / WEST OF I- 215** **N/A**
1/4-1/2 **MARCH AIR FORCE BASE, CA**
0.335 mi.
1769 ft.

Relative:
Higher

Actual:
1542 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	33-CR-0059
Lat/Long:	33.8665000 / -117.26662
Owner Name:	US Dept. Veterans Affiars
Owner Telephone:	9516538417
Owner Address:	National Cemetery Adm.
Owner Address2:	22495 Van Buren Blvd.
Owner City,St,Zip:	Riverside, CA 92518
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported

SITE Y -CAMP HAAN (Continued) **S106900233**

Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Solid Waste Disposal Site
Regulation Status:	Unpermitted
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Construction/demolition,Inert,Mixed municipal
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	33-CR-0059
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	33.8665000 / -117.26662

104
West
1/4-1/2
0.379 mi.
2002 ft.

RIVERSIDE NATIONAL CEMETE **CA HIST CORTESE** **S105025886**
123 ACRES OF REVERSIDE CA **N/A**
RIVERSIDE, CA 92518

Relative:
Higher

Actual:
1557 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33890003

105
SSW
1/4-1/2
0.489 mi.
2584 ft.

BELL GRAIN AND MILLING **CA LUST** **S105025544**
17971 HIGHWAY 215 **CA HIST CORTESE** **N/A**
PERRIS, CA 92570

Relative:
Higher

Actual:
1520 ft.

LUST:

Region:	STATE
Global Id:	T0606500208
Latitude:	33.8591463393389
Longitude:	-117.260587245369
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/13/1990
Lead Agency:	RIVERSIDE COUNTY LOP
Case Worker:	SCB
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	083301648T

BELL GRAIN AND MILLING (Continued) **S105025544**

LOC Case Number: 90793
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0606500208
Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: sbolting@rivcocha.org
Phone Number: 9519558980

Status History:
Global Id: T0606500208
Status: Completed - Case Closed
Status Date: 12/13/1990

Global Id: T0606500208
Status: Open - Case Begin Date
Status Date: 07/23/1990

Global Id: T0606500208
Status: Open - Site Assessment
Status Date: 08/28/1990

Regulatory Activities:
Global Id: T0606500208
Action Type: ENFORCEMENT
Date: 03/06/2009
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500208
Action Type: Other
Date: 07/23/1990
Action: Leak Stopped

Global Id: T0606500208
Action Type: Other
Date: 08/28/1990
Action: Leak Reported

Global Id: T0606500208
Action Type: ENFORCEMENT
Date: 12/13/1990
Action: Closure/No Further Action Letter

Global Id: T0606500208
Action Type: Other
Date: 07/23/1990
Action: Leak Discovery

BELL GRAIN AND MILLING (Continued) **S105025544**

Global Id:	T0606500208
Action Type:	ENFORCEMENT
Date:	03/05/2009
Action:	File review - #RCDEH Upload Site File 9/5/2014

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083301648T
Local Case Num:	90793
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Subsurface Monitoring
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0606500208
How Stopped Date:	7/23/1990
Enter Date:	9/16/1990
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/23/1990
Enforcement Date:	1/1/1965
Close Date:	12/13/1990
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/16/1990
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.3502267
Longitude:	-117.2493057
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:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L

BELL GRAIN AND MILLING (Continued) **S105025544**

Hydr Basin #: UPPER MOJAVE RIVER V
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: ALSO DIESEL CONTAMINATION

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 90793
Employee: Lehmann
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

HIST CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083301648T

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106 **CAMP HAAN** **FUDS** **1007372675**
WSW **N/A**
1/4-1/2 **RIVERSIDE, CA**
0.500 mi.
2640 ft.

Relative:
Higher

Actual:
1570 ft.

FUDS:
Federal Facility ID: CA9799F5400
FUDS #: J09CA0279
INST ID: 61045
Facility Name: CAMP HAAN
City: RIVERSIDE
State: CA
EPA Region: 09
County: RIVERSIDE
Congressional District: 41
US Army District: Los Angeles District (SPL)
Fiscal Year: 2013
Telephone: 213-452-3920
NPL Status: Not Listed
RAB: Not reported
CTC: 20112.09
Current Owner: Other Federal Government
Current Prog: Not reported
Future Prog: Not reported
Acreage: Not reported
Description: LOCATED SOUTHEAST OF RIVERSIDE AND MORENO VALLEY
History: CAMP HAAN WAS PRIMARILY USED AS COAST ARTILLERY ANTI-AIRCRAFT TRAINING CENTER. ALSO USED AS A SEPARATION POINT FOR WARTIME SOILDERS, AND A POW CAMP
Latitude: -117.306999207
Longitude: 33.893100738500

107
NNW
1/2-1
0.790 mi.
4169 ft.

MARCH FIELD
OTHER, CA

FUDS **1007212253**
N/A

Relative:
Higher

Actual:
1520 ft.

FUDS:

Federal Facility ID:	CA9799F9991
FUDS #:	J09CA7168
INST ID:	53630
Facility Name:	MARCH FIELD
City:	OTHER
State:	CA
EPA Region:	09
County:	RIVERSIDE
Congressional District:	41
US Army District:	Los Angeles District (SPL)
Fiscal Year:	2013
Telephone:	213-452-3920
NPL Status:	Not Listed
RAB:	Not reported
CTC:	2208.199
Current Owner:	Other
Current Prog:	Not reported
Future Prog:	Not reported
Acreage:	Not reported
Description:	March Field is located in Riverside County, CA approximately 10 miles south of the City fo Riverside and immediately south of the City of Moreno Valley.
History:	The U.S. Army acquired use of 640 acres in 1918 and established March Field. Initially, the airfield was used for primary flight training. During WWII, the airfield was used for bomber training. The Army Air Corps leased a total of 654.61 acres immediately north of the base. Skeet and shotgun ranges were established on the center portion of this parcel. No ordnance debris is known to have been discovered in this area, but remains of clay pigeons are abundant. Based on available documentation, the eastern and western ends of this parcel were inactive during the entire lease period. None of the military improvements remain and portions of the parcel, especially the western half, have undergone commercial development. Two parcels on the south side of the base, one 4.28ac. and the other 4.90ac.,were aquired during runway expansion but never used. No military improvements were ever constructed on either parcel. They are now open field and idle. A 0.14-acre parcel was quitclaimed to a local utility company on 4 Jan 1944.
Latitude:	-117.262001037
Longitude:	33.913799285899

108
West
1/2-1
0.805 mi.
4251 ft.

MARCH AFB
(1.25 MILES SOUTH OF)
ALESSANDRO, CA

CA ENVIROSTOR **S107736668**
N/A

Relative:
Higher

Actual:
1606 ft.

ENVIROSTOR:

Facility ID:	80001157
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS

MARCH AFB (Continued) **S107736668**

Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.87083
Longitude: -117.2777
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA48900
Alias Type: Federal Facility ID
Alias Name: J09CA7463
Alias Type: INPR
Alias Name: 80001157
Alias Type: Envirostor ID Number

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

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

Count: 8 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARCH FIELD	S117714550	VAN BUREN I215 INTERCHANGE RECONST	VAN BUREN BLVD	92518	CA NPDES
MORENO VALLEY	S108985918	U.S. AIR FORCE - MARCH AFB (FORMER	N/A GRAHAM		CA SLIC
MORENO VALLEY	S106568096	INDIAN MIDDLE SCHOOL	INDIAN AVENUE / IRIS AVENUE	92551	CA ENVIROSTOR, CA SCH
PERRIS	S107737124	RAILROAD ELEMENTARY SCHOOL	A STREET/ALPINE DRIVE	92570	CA ENVIROSTOR, CA SCH
RIVERSIDE	S107538951		CENTRAL AVENUE AND CHICAGO, IN		CA CDL
RIVERSIDE	S117897990	MARCH AIR FORCE BASE	MERIDIAN PKWY & VAN BUREN BLVD	92518	CA SLIC
RIVERSIDE	S108985920	RIVERSIDE PLUME	N/A RIVERSIDE II BASIN		CA SLIC
RIVERSIDE	S108985921	UCR (PESTICIDE PITS)	N/A UNIVERSITY AVENUE		CA SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/06/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

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

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/29/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/18/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/17/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

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

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/28/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/04/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 58

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/14/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/25/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 16

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 12/17/2015
Date Data Arrived at EDR: 12/22/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/25/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 20

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/12/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 06/26/2015
Date Data Arrived at EDR: 07/10/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 95
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/07/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/26/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

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

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2015
Date Data Arrived at EDR: 09/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 125

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/02/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/04/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/04/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

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

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/28/2015
Date Data Arrived at EDR: 12/29/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 23

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/29/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/05/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 09/25/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 41

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 59

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 59

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 58

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/13/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/13/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 11/10/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/18/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/17/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 03/01/2016
Number of Days to Update: 75

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/23/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 28

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/16/2016
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 41

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/14/2016
Date Made Active in Reports: 03/01/2016
Number of Days to Update: 47

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 12/10/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 42

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 02/02/2016
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 18

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 09/22/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 22

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

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

Date of Government Version: 12/01/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/22/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 03/07/2016
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/30/2015
Date Data Arrived at EDR: 12/03/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 49

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

FRESNO COUNTY:

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

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 45

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/02/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 48

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/25/2016
Date Data Arrived at EDR: 01/27/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 26

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

KINGS COUNTY:

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

Date of Government Version: 11/19/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 18

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 27

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Varies

LOS ANGELES COUNTY:

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

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/19/2015
Date Data Arrived at EDR: 10/20/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 30

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/20/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/10/2015
Number of Days to Update: 14

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Varies

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

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/15/2016
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 24

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

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

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 03/07/2016
Number of Days to Update: 84

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/05/2015
Date Data Arrived at EDR: 10/08/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 7

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 34

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
CUPA Facility List

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 51

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 12/10/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 60

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2016
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 11/01/2015
Date Data Arrived at EDR: 11/17/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 65
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Annually

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

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 32
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 11/01/2015
Date Data Arrived at EDR: 11/11/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 36
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 12/11/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 41
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/26/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/26/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

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

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/03/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

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

Date of Government Version: 12/18/2015
Date Data Arrived at EDR: 12/22/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 48
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/10/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 42
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/21/2016
Data Release Frequency: Varies

SAN MATEO COUNTY:

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

Date of Government Version: 10/14/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 32

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/17/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 59

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 18

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 12/10/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 42

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/10/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/10/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/14/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 39

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/07/2016
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 32

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 9

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 10/29/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 42

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 03/04/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 08/17/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 17

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/14/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 11/30/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 10/19/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 23
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/01/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 17
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

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

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 11/08/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 31

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/09/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518

TARGET PROPERTY COORDINATES

Latitude (North):	33.874288 - 33° 52' 27.44''
Longitude (West):	117.255402 - 117° 15' 19.45''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	476378.9
UTM Y (Meters):	3748052.8
Elevation:	1503 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641324 STEELE PEAK, CA
Version Date:	2012
Northeast Map:	5641326 SUNNYMEAD, CA
Version Date:	2012
Southeast Map:	5641330 PERRIS, CA
Version Date:	2012
Northwest Map:	5641312 RIVERSIDE EAST, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

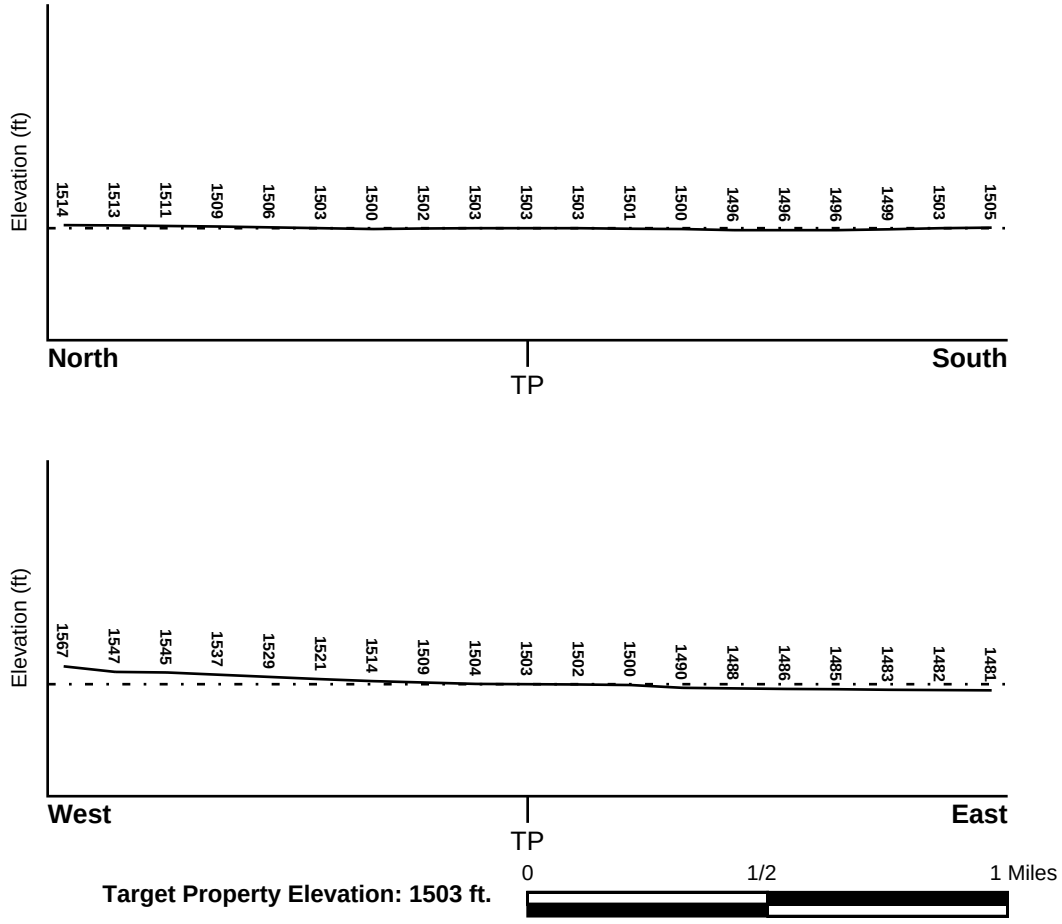
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

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

Flood Plain Panel at Target Property: 06065C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

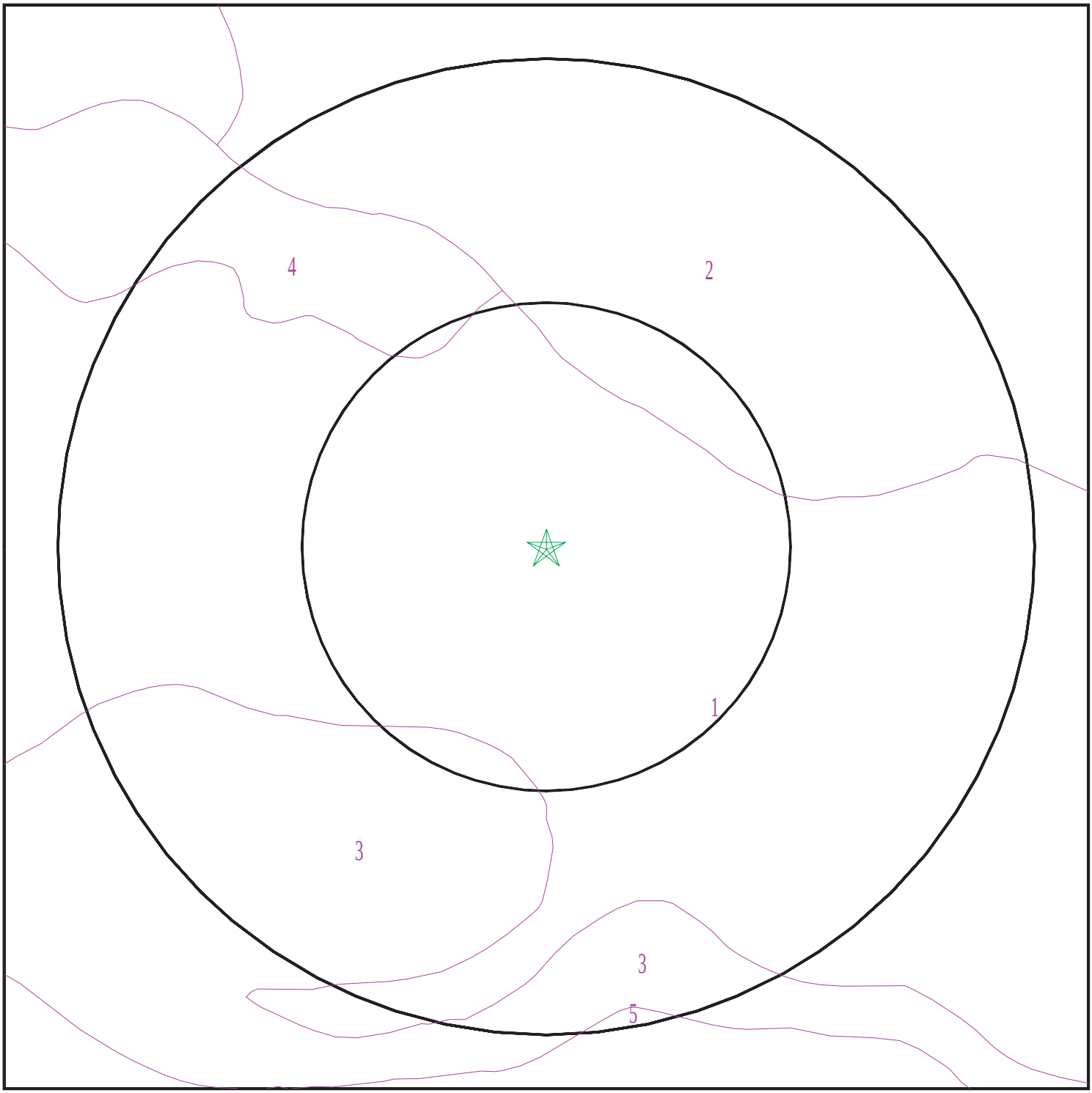
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 4559570.2s



SITE NAME:	Van Buren Boulevard/215	CLIENT:	Terracon
ADDRESS:	Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT:	Jennifer Van
LAT/LONG:	33.874288 / 117.255402	INQUIRY #:	4559570.2s
		DATE:	March 09, 2016 3:26 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	27 inches	44 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	44 inches	57 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
5	57 inches	70 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6
3	37 inches	50 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
3	42 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6
3	37 inches	50 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: HANFORD

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

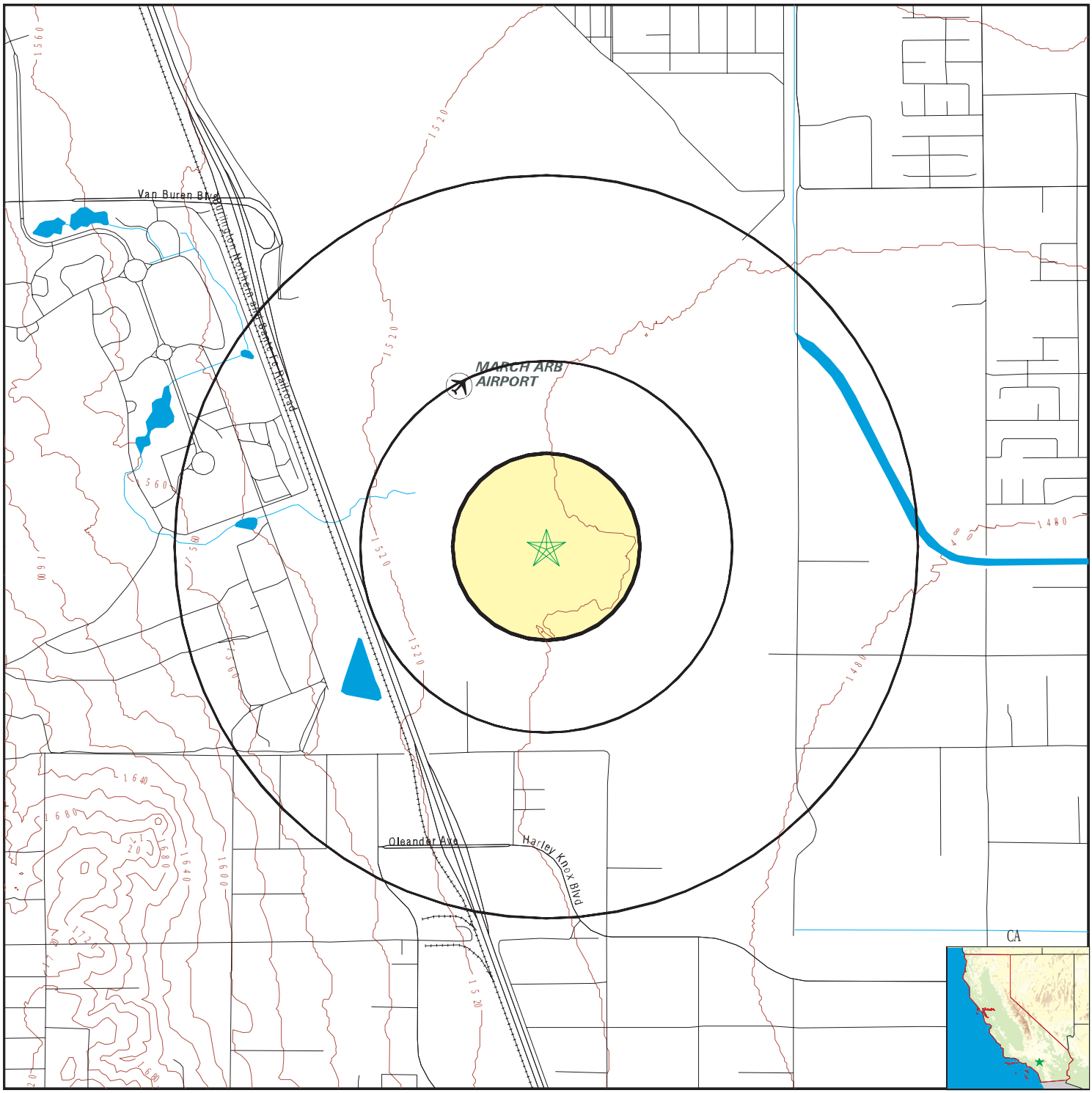
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4559570.2s



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

SITE NAME: Van Buren Boulevard/215	CLIENT: Terracon
ADDRESS: Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT: Jennifer Van
LAT/LONG: 33.874288 / 117.255402	INQUIRY #: 4559570.2s DATE: March 09, 2016 3:25 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for RIVERSIDE County: 2

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

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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APPENDIX E
CREDENTIALS

ISLAM (SAMI) R. NOAMAN, E.I.T.
ENVIRONMENTAL GROUP MANAGER

Professional Experience:

Mr. Noaman is an environmental group manager with track record in client management, management of phases of environmental site assessments (ESAs), business environmental risk reviews, site characterizations, regulatory compliance services, and remediation projects. Possess excellent analytical, problem solving, advisory, and team management skills. Seeking to leverage my management potentials in the environmental consulting services.

Environmental Site Assessments (ESA):

Performed and managed hundreds of ESAs in California for industrial, commercial, residential, and agricultural properties. Managed long-term national accounts for financial institutions (equity and loan portfolios), real estate investment trusts, developers and other real property owners. Understands facility operating systems; state and federal regulations; and fate and transport of chemicals through air, soil, vapor, surface water and groundwater. Is experienced in the performance of ESAs under the All Appropriate Inquiry rules (ASTM 1527-13), and meets the requirements of an Environmental Professional as defined by this rule.

Limited Subsurface Investigations (LSIs):

Performed and managed hundreds of lsis in california, new jersey, and new york. Investigated environmental conditions in soils and groundwater as a result of releases from a variety of sources, including service stations, dry cleaners, and a wide range of industrial and manufacturing operations. Specialized in collection and interpretation of data to pursue closure through state and federal programs including los angeles county site mitigation unit, the regional water quality control board, and the department of toxic substances control voluntary cleanup programs (vcp).

Hazardous Materials Surveys:

Managed and/or provided quality assurance for numerous hazardous materials surveys in the state of california including, but not limited to, acm, lead in paint, mold, pcbs, and mercury-containing equipment. Acm surveys were performed in accordance with ahera and neshap guidelines on commercial, multi-family residential, and educational properties slated for renovation or demolition.

Stormwater Prevention and Pollution Control Plan (SWPPP):

Managed SWPPP for numerous industrial sites in Southern California. Scope of the work typically included client and agency coordination, implementation of guidelines required by the state of California Water Resources Board (SWRB), and preparation of documentations for submittals to the SWRB. In addition, I have managed several limited regulatory compliance projects (annual submittals and Level 1 ERA reporting) for industrial stormwater, to achieve compliance in accordance with the NPDES general permit requirements.

Education

Bachelor of Science, Chemistry/Environmental Chemistry, 2002, City University of New York, City College of New York

Pursuing Masters in Environmental Engineering (California State University Fullerton-expected graduation date Fall 2017

Certifications

Certified Engineer In Training (CA) Certification No. EIT 171371

40-Hour OSHA Hazardous Waste Operations & Emergency Response Training Course

2017)

Work History

Terracon Consultants, Inc. (Irvine, CA), Environmental Group/Department Manager, June 2012 to Present

Smith Emery GeoServices (SEG), (Los Angeles, CA), Project Manager, August 2008 to June 2012

KLK Environmental Group LLC. (Kearny, NJ). Environmental Scientist August 2003 to June 2008

UniChem Inc. (Kearny, NJ). Staff Environmental Chemist August 2002 to June 2003

Terracon

Major Department Store Commercial Retail Portfolio: Environmental team lead for evaluating environmental site conditions and due diligence review, including overseeing Phase I Environmental Site Assessments and Phase II Environmental Site Investigations for over thirty retail facilities with automotive maintenance across California. Findings from subsurface investigations were used to support regulatory closure of select facilities to facilitate a real estate transaction across the United States.

Industrial Facility – Land-use Change/Private School, Los Angeles, CA: Environmental consulting services including Phase I Environmental Site Assessments (ESA) due diligence support, subsurface investigation activities to evaluate environmental media including soil, soil gas and indoor / outdoor air. Services included a land-use change from an industrial facility to a private school. Prepared environmental investigation reports, regulatory interaction, corrective action design for indoor air mitigation, and work plan for management of environmental media.

Retail Shopping Center – Former Dry Cleaners Facility – DTSC, Fremont, CA: Conducted extensive site investigation activities to evaluate the magnitude and extent of chlorinated solvents identified in the vicinity of a former dry cleaners facility, including an evaluation of groundwater, soil, soil-gas and indoor vapors as a result of a chlorinated solvent plume. Project responsibilities consisted of direct support and interaction with client, client legal team and DTSC representatives to manage the closure process, including the preparation of work plans and environmental investigation reports, risk-based human health evaluation, and response actions.

Underground Storage Tank Assessment and Monitoring – West Los Angeles, CA: Assisted property owner with the regulatory closure of former underground storage tank (UST) site located in West Los Angeles, California. The project scope included historical research of past site use and site characterization, including soil, groundwater and soil gas assessments, followed by groundwater monitoring until closure was achieved.

Automated Fuel Dispensing Facilities – Camp Pendleton, California: Project scope included environmental and geotechnical investigations at six fueling existing/proposed facilities within Camp Pendleton, California. The project consisted of construction of new buildings, canopies, pavements, retaining walls, slopes, and installation of underground storage tanks (USTs), and other site facilities. Served as the environmental group leader.

Emerson College, Hollywood, California: Conducted comprehensive investigation and assisted the client through enrolling and interacting with the LAFD regarding USTs found during construction activities. Provided construction management oversight to manage impacted soils and assisted the client in waste disposition, permitting and regulatory compliance interaction. A total of 45,000 cubic yards of soil was removed from the site and disposed at an off-site facility, prior to the construction of a mid-rise school complex. Support services allowed for significant savings in construction, on an expedited timeline in concert with the construction schedule.

Los Angeles Unified School District (LAUSD Sites): Managed soil characterization for export/import soils for over nine Los Angeles Unified School District (LAUSD) sites. Prepared Sample Strategy Plans (SSP) for stockpiled and in-place soils, oversaw the sampling, and prepared soil certification reports under the supervision of a professional geologist for submittal to the LAUSD Office of Environmental Health.

Newton Plastics, Newton, NJ: Managed the removal of two 12,000-gallon (solvents & gasoline containing) USTs from a plastic products manufacturing facility as a part of transaction deal. Project tasks included, work plan preparation, regulatory officials interface, client contact/coordination, oversight of removal activities, and report preparation. No further action letter from NJDEP was obtained for the client. The property value was retained for the client with our consulting services.

Eagle Electric, Queens, NY: Responsibilities were to manage the cleanup of former Coal storage rooms in basement of a landmark building in Queens, NY. The cleanup activities included, hauling of approximately 425 tons of Class N-1 Hazardous materials, managed and ensured safety of eight to twelve crew, handling of waste manifests, and coordination for transportation / disposal and client interface.

AROL Chemicals, Newark, NJ: Managed Phase I and Phase II ESA of chemical manufacturing facility. Scope of Phase II ESA included, the removal of three 12,000-gallon USTs, excavation and disposal of impacted soils.

KeySpan Energy, NY: Responsibilities include inspection and maintenance of client boilers and tanks systems. Objectives were to prevent scaling/rusting in the boiler systems resulting from the plant operations to maintain operations efficiency. Goals were achieved for the client by developing environmentally friendly chemical reagents (pH controlled) to mitigate the concerns at the plant, boilers maintenance issues were resolved and steady business was created for the company.

The HACH Company, OH: Implementing a unique techniques producing Ferrozine - Iron- reagent for determining trace levels of iron in chemical reagents and glycols. Ferrozine can also be used to analyze samples containing magnetite (black iron oxide) or ferrites.

KIWA of The Netherlands: Research and development of new synthetic methods of alkali Ferrates including, Potassium, Sodium, and Barium ferrates, an environmentally friendly oxidative reagents used in wastewater treatment for municipal and industrial facilities.

CARL A. PARTEN, P.G.
OFFICE MANAGER

PROFESSIONAL EXPERIENCE

Mr. Parten has twenty-five years of experience in environmental site investigations and remediation studies for Industrial and Hazardous Waste sites, municipal solid waste landfill sites and underground storage tank (UST) facilities. He was the Risk Assessment and Corrective Action Manager for Terracon's Dallas office before taking over the Orange County location as Office Manager.

He has successfully managed and obtained regulatory closure of over 30 Voluntary Cleanup Program (VCP) sites and leaking underground storage tank (LUST) facilities, and coordinated UST removal and closure for numerous facilities in multiple states throughout the United States. Mr. Parten possesses extensive experience in the installation of monitor wells, aquifer characterization, sensitive receptor surveys, risk-based assessments, vapor intrusion (VI) evaluations, and soil-gas assessments. Additionally, he has extensive experience in comprehensive soil and groundwater investigations on industrial facilities and municipal solid waste (MSW) landfill facilities, including evaluation of landfill gas/methane impacts. He has prepared and implemented corrective action work plans for remediation of chlorinated hydrocarbons at dry cleaner facilities and petroleum hydrocarbons at LUST facilities, MSW landfill facilities, and managed and implemented groundwater pump and treat, non-aqueous phase liquid (NAPL) recovery, and duel-phase vapor extraction systems for the recovery of petroleum hydrocarbons. Additionally, Mr. Parten developed work plans and implemented the remediation of heavy metals and poly-nuclear aromatic hydrocarbons (PAHs).

PROJECT EXPERIENCE

USARC Facility – Mare Island, California
Environmental team leader for evaluation of an existing 32-acre military facility, Mare Island in California. The teaming effort included the preparation of a Technical Assessment report on the facility to provide USAR a decision making and programming tool to establish future restoration and replacement upgrades to the facility. The report included an evaluation of existing conditions of the site and facilities with respect to current mission and identified construction costs required to comply with USAR facility standards, Anti-Terrorism/Force Protection requirements, handicapped accessibility regulations, and current building codes. Conceptual costs for related improvements and environmental mitigation were presented.

Automated Fuel Dispensing Facilities – Camp Pendleton, California
Project scope included environmental and geotechnical investigations at six fueling existing/proposed facilities within Camp Pendleton, California. The project consisted of construction of new buildings, canopies, pavements, retaining walls, slopes, and installation of underground storage tanks (USTs), and other site facilities. Served as the primary client point of contact and environmental technical leader.

Education

Bachelor of Science, Geology, Sul Ross State University, Alpine, Texas, 1994

Additional Courses:
University of Houston TCEQ Texas Risk Reduction Program: Mod. I, II, and III

Roadmap to Remediation

CAPM Refresher Course, Texas A&M University

TNRCC Hazardous Waste Seminar

TNRCC PST Risk Assessments Seminar

TNRCC Pollution Prevention Training Workshop

API Risk/Exposure Assessment

Contaminant Fate and Transport Modeling in Risk Assessment

Environmental Hydrology / Soil Science

Certifications

Licensed Professional Geoscientist (P.G.), I.D. # 221, Texas Board of Professional Geoscientists 2003 (current)

Registered Professional Geologist (P.G.), I.D. # 004037; State of Tennessee, May 1996 (current)

TCEQ Corrective Action Project Manager, CAPM #01091 (current)

40 Hour OSHA Hazardous Waste Site & Waste Management Training

Affiliations

BDA/Orange County
CMAA
Groundwater Resource Assoc.
Geological Society of America

Work History

Terracon Consultants, Inc. (Irvine), Principal, Office Manager, July 2010 to Present

Terracon Consultants, Inc. (Dallas), Environmental Group Manager, August 1998 to July 2010

ATC (formerly ATEC) Associates, Inc. - Dallas, Texas, Senior Project Manager April 1990 to August 1998

Terratech, Inc. - San Jose, California, Environmental and Geotechnical Technician February 1989 to March 1990

Woodward-Clyde Consultants - San Jose, California, Environmental and Geotechnical Technician March 1987 to February 1989

Terracon

Mixed-Use High-rise Building, West Hollywood, California
Conducted comprehensive investigation and assisted the client through enrolling and interacting with the DTSC / VCP regarding chlorinated solvent and heavy metal-impacted soil and groundwater. Provided construction management oversight to manage impacted soils and assisted the client in waste disposition, permitting and regulatory compliance interaction. A total of 52,000 cubic yards of soil was removed from the site and disposed at an off-site facility, prior to the construction of a $170M high-rise multi-use complex. Terracon's support services allowed for significant savings in construction, on an expedited timeline in concert with the construction schedule.

Underground Storage Tank and Soil Remediation – Regional Water Board, Squaw Valley, CA
Terracon assisted a private developer with the regulatory closure of an underground storage tank (UST) site located in Squaw Valley, California. The abandoned 10,000-gallon UST was responsible for a release of heavy waste oils to the ground surface and banks of a creek. Following disposal of the UST, approximately 70 cubic yards of petroleum-impacted soils were excavated and properly disposed. Interaction with the Regional Water Board and Public Notification resulted in the issuance of case closure.

Retail Shopping Center – Former Dry Cleaners Facility – DTSC, Fremont, CA
Conducted extensive site investigation activities to evaluate the magnitude and extent of chlorinated solvents identified in the vicinity of a former dry cleaners facility, including an evaluation of groundwater, soil, soil-gas and indoor vapors as a result of a chlorinated solvent plume. Mr. Parten provided direct support and interaction with client, client legal team and DTSC representatives to manage the closure process, including the preparation of work plans and environmental investigation reports.

Municipal Landfill – VCP Site
Successfully oversaw and managed the engineering design and construction quality assurance for the closure and restoration of a high-profile MSW landfill in accordance with regulatory standards, subsequent to significant investigation activities. The remedy consisted of removal and consolidation of wastes and construction of LFG recovery trenches to prevent migration of landfill gas. The remedy utilized engineering controls and removal of impacted media. Project management responsibilities included coordination with Local, State and Federal officials, public/neighborhood communications, and interaction with attorneys, and management of project budgets that exceeded $4.5 million over seven years. Terracon continues to provide post closure care monitoring and O&M for the site.

Department of Transportation Contract
Successfully managed a two-year environmental services contract with the Texas Department of Transportation (TxDOT) and coordinated multiple Terracon offices to provide geographic coverage of environmental consulting service throughout Texas. Mr. Parten was the liaison to TxDOT for the performance of environmental consulting services, and provided senior technical review of environmental investigations, Phase I ESAs, removal of underground storage tanks, remediation of affected media and waste management, asbestos and lead-based paint investigations, and management of financial metrics and budgets in strict conformance with negotiated fees and procedures under a $2,000,000 contract.

City-Operated LUST Facilities
Provided senior project management of 14 City operated LUST facilities through coordination of investigation, regulatory reporting and response actions in the pursuit of closure. Mr. Parten was responsible for managing all site activities, evaluation of data, reporting, communicating with local and state officials, and management of budget and schedule requirements.

Municipal Property
Provided senior project management and technical review of several properties, including the remediation of metals and PAH-impacted soils, using a combination of excavation and removal and in-place stabilization. Work was performed under the EPA Brownfields Program and the Voluntary Cleanup Program. The $1.2 million dollar remediation project was part of a high-profile downtown parks and recreation redevelopment project that successfully established LEED Certified public parks in areas once occupied by commercial and

industrial property. Mr. Parten was responsible for managing all site activities, evaluation of data, reporting, communicating with local and state officials, and management of budget and schedule requirements.

3.023-Acre Tract – VCP Site

Successfully managed a Phase I ESA and subsequent comprehensive site investigation to evaluate historical site activities and non-native fill material. Chemicals of concern included VOCs, TPH, metals and PAHs in on-site soil and groundwater. Subsequent to completion of a risk-based assessment, response actions including remediation of approximately 1,500 cubic yards of impacted soils was performed to obtain a voluntary cleanup program Certificate of Completion. Mr. Parten was responsible for managing all site activities, evaluation of data, reporting, and communication with state officials.

Retail Shopping Center – VCP Site

Conducted extensive site investigation activities to evaluate the magnitude and extent of chlorinated solvents identified in the vicinity of a former dry cleaners facility. The chlorinated solvent plume was defined to drinking water standards and was delineated to a creek channel nearly 1,200 feet from the source property. Based on site investigation results, assisted the property owner in entering the site into the VCP, and managed and implemented response actions and treatment of affected media utilizing a combination of source-removal/excavation (750 cubic yards) within the building interiors, hydrogen-releasing compound (HRC®) treatment of backfill, and HRC injection into the underlying soil and groundwater across the site. Treatment technology effectively remediated affected soils and significantly reduced contaminant levels within the on-site source areas. Additional response actions were conducted to reduce on-site groundwater contamination levels through HRC injection at over 250 locations. Monitored natural attenuation and groundwater monitoring was performed for a period of approximately four years. Mr. Parten assisted the client in the establishment of a deed restriction (Municipal Setting Designation) that restricted the use of groundwater on the site. Mr. Parten interacted with City and State officials and prepared and submitted multiple reports documenting site activities, and managed a project budget totaling $1,200,000.

Additional Project Experience

Under the direction and senior technical review by Mr. Parten, final site closure has been obtained for over thirty VCP, Innocent Owner/Operator Program, LUST, and Industrial and Hazardous Waste facilities in multiple states across the United States. Additionally, Mr. Parten has coordinated and managed the removal of dozens of underground storage tank (UST) systems and remediation of contaminated soil and groundwater. Mr. Parten has provided expert testimony on multiple projects, and is a primary point of contact interacting with environmental attorneys and regulatory agencies.

APPENDIX F
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
ACM	Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining). Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
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.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave"). 42 U.S.C. 6901 et seq.
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 either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which 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.

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. *De minimis* conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
Wetlands	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

H-2 Hazardous Materials/Wastes Technical Report

HILLWOOD
INVESTMENT PROPERTIES
A PEROT COMPANY

Hazardous Materials/Wastes Technical Report

Parcel D2

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March Inland Port Airport Authority Development

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Table of Contents

TABLE OF CONTENTS i
LIST OF FIGURES ii
LIST OF TABLES ii
ACRONYMS iii
1. INTRODUCTION 1
1.1 PROJECT DESCRIPTION 1
2. REGULATORY SETTING 3
2.1 FEDERAL LAWS, REGULATIONS, AGENCIES, AND POLICIES 3
2.2 STATE LAWS, REGULATIONS, AGENCIES, AND POLICIES 5
2.3 LOCAL LAWS, REGULATIONS, AGENCIES, AND POLICIES 7
3. ENVIRONMENTAL ANALYSIS 9
3.1 ENVIRONMENTAL SETTING 9
3.2 PAST LAND USE AND RECORDS REVIEW 9
3.2.1 Federal and State Databases 10
3.3 POTENTIAL LOCAL HAZARDS 12
3.3.1 Groundwater Plume – March Air Force Base Operable Unit 1 and Operable Unit 2 12
3.3.2 Construction/Demolition Debris and/or Dumped Fill Dirt 12
4. ENVIRONMENTAL IMPACTS 13
4.1 METHOD OF ANALYSIS 13
4.2 THRESHOLD SIGNIFICANCE 13
4.3 IMPACT ANALYSIS 14
4.3.1 Soils 14
4.3.2 Groundwater 15
4.3.3 Construction 16
4.3.4 Operation 17
4.4 PROPOSED MITIGATION MEASURES 18
4.4.1 Construction Mitigation 18
4.4.2 Soils Mitigation 18
5. CONCLUSION 20
6. REFERENCES 21

List of Figures

Figure 1-1 Proposed Project Location 2

List of Tables

Table 1 Federal and State Databases 10

Appendices

Appendix A Terracon Phase I Environmental Site Assessment Parcel D2 October 2016

Acronyms

1,1,1-TCA	1,1,1-trichloroethane or methyl chloroform
2-DCE	Cis-1,2-dichloroethene
AV	Aviation
bgs	Below Ground Surface
BRAC	Base Realignment and Closure
Cal EMA	California Emergency Management Agency
Cal EPA	California EPA
Cal/OSHA	California Division of Occupational Safety and Health
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFR	Code of Federal Regulations
CHSC	California Health and Safety Code
CTCL	Carbon Tetrachloride
DOD	Department of Defense
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources, Inc.
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Environmental Site Assessment
FFA	Federal Facilities Agreement
GETS	Groundwater Extraction and Treatment Systems
HWCP	Hazardous Waste Control Program
IRP	Installation Restoration Program
MAFB	March Air Force Base
MCL	Maximum Contaminate Level
MIPAA	March Inland Port Airport Authority
MJPA	March Joint Powers Authority
MJPA GP	March Joint Powers Authority General Plan
MM	Mitigation Measure
MRO	Maintenance, Repair, and Overhaul
MV GP	Moreno Valley General Plan
NFA	No Further Action
NPL	National Priority List
OU	Operable Unit
OU-1	Operable Unit 1
OU-2	Operable Unit 2
PCE	Tetrachloroethylene
PFC	Perfluorinated Compounds
ppbv	parts per billion by volume

RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
RWQCB	Regional Water Quality Control Board
SAC	Strategic Air Command
SARA	Superfund Amendments and Reauthorization Act
SCAQMD	South Coast Air Quality Management District
SVE	Soil Vapor Extraction
SWRCB	State Water Resources Control Board
TCE	trichloroethylene
TPH	Total Petroleum Hydrocarbons
TSCA	Toxic Substances Control Act
USDOT	United States Department of Transportation
US EPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
WMWD	Western Municipal Water District

1. Introduction

Hillwood Investment Properties (Hillwood) and March Inland Port Airport Authority (MIPAA) are proposing to develop approximately 155 acres of land, including off-site improvements to surrounding roads and storm drains, to support a variety of aviation and non-aviation related development. The proposed Project will be located in an unincorporated area of western Riverside County, California identified herein as Parcel D2. The proposed Project is located at the former March Air Force Base (MAFB) which is under the jurisdiction of the March Joint Powers Authority (MJPA). Operations at MAFB include primarily flying and an anti-aircraft training base, a tactical bomber and pursuit training base, and a Strategic Air Command (SAC) bomber and air-to-air refueling operations base.

This Technical Report describes the hazards and hazardous materials identified at the proposed Project site and hazardous conditions or releases that could potentially occur based on the proposed Project description. A description of the environmental setting and a discussion of the California Environmental Quality Act (CEQA) Thresholds of Significance are included. Environmental impacts and mitigation measures associated with these impacts are proposed to reduce the potential release of hazardous material into the environment, exposure of people to known sources of existing hazardous material, and the creation of hazardous materials, each to a threshold of less than significant.

1.1 Project Description

The proposed Project will develop approximately 155 acres of land as part of the March Inland Airport. The development will take place on Parcel D2 which is zoned for Aviation (AV) use in the MJPA GP and will be developed with approximately 2,389,670 square feet of facilities typical for logistics centers such as office space, dock doors, and trailer parking. The non-aviation industrial buildings will allow for the development of logistics centers utilized to support wholesale, storage, distribution, manufacturing, or assembly centers. Improvements to the surrounding roads and storm drains will also be conducted as part of the proposed Project. The parcel currently does not provide direct access to flying facilities.

Figure 1-1 presents the general location of the proposed Project. Additional details about the parcel are provided in **Appendix A** Exhibits 1 and 2 of the Terracon Phase I Environmental Site Assessment (ESA) MIPAA Parcel D2.

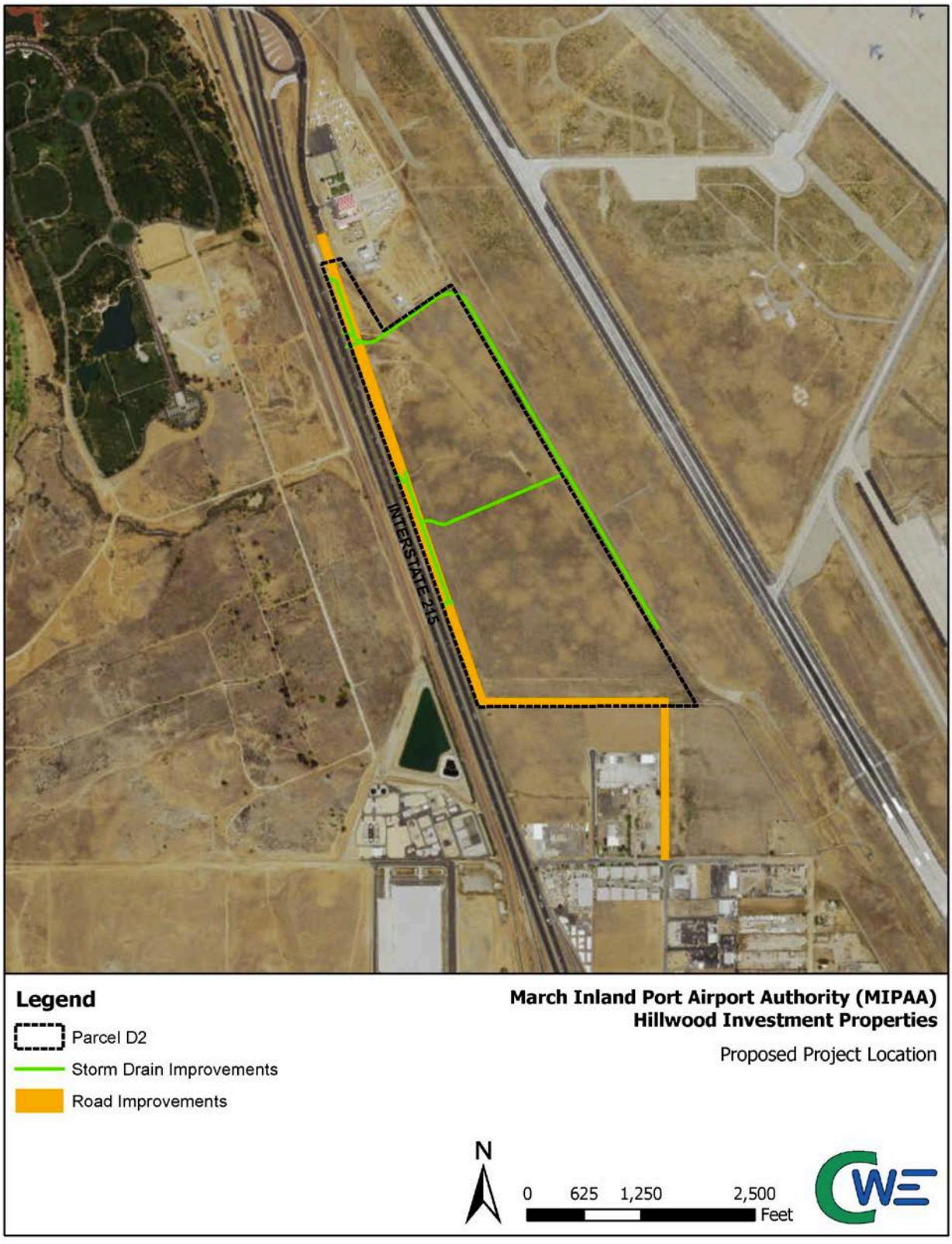

Figure 1-1 Proposed Project Location

2. Regulatory Setting

The management of hazardous materials, worker safety, and public safety are regulated by both federal and state laws and regulations. These regulations are intended to mitigate risks related to handling, transport, and disposal of hazardous materials, in addition to providing a regulatory framework for this proposed Project. Additionally, these regulations describe the management of potentially hazardous materials during project implementation. The following sections describe the federal and state laws and regulations applicable to the proposed Project.

2.1 Federal Laws, Regulations, Agencies, and Policies

Federal laws, regulations, agencies, and policies potentially pertinent to the proposed Project are presented below.

Hazardous Material Transportation Act

The Hazardous Materials Transportation Act is the statutory basis for the extensive body of regulations aimed at ensuring the safe transport of hazardous materials on water, rail, highways, through air, or in pipelines. It includes provisions for material classification, packaging, marking, labeling, placarding, and shipping documentation.

Resource Conservation and Recovery Act

The Resource Conservation and Recovery Act (RCRA) established a program regulating the identification, generation, transportation, storage, treatment, and disposal of hazardous materials and hazardous wastes. RCRA was enacted in 1976 as an amendment to the Solid Waste Disposal Act to address large volumes of municipal and industrial solid and hazardous waste being generated nationwide. It addresses hazardous waste generation, handling, transportation, storage, treatment, and disposal. It includes requirements for a system that uses hazardous waste manifests to track the movement of waste from its site of generation to its ultimate disposal. The 1984 amendments to RCRA created a national priority for waste minimization. It establishes national minimum requirements for solid waste disposal sites and practices. It requires states to develop plans for the management of wastes within their jurisdictions. It requires monitoring and containment systems for underground storage tanks that hold hazardous materials. Owners of tanks must demonstrate financial assurance for the cleanup of a potential leaking tank.

Federal Hazardous and Solid Waste Amendments

The Federal Hazardous and Solid Waste Amendments are the 1984 amendments to RCRA. They specifically targeted waste minimization and phasing out land disposal of hazardous waste, and focused on corrective action for releases of hazardous waste. Other mandates included increased oversight and enforcement by the US Environmental Protection Agency (US EPA), more stringent hazardous waste management standards and practices, and a comprehensive underground storage tank program.

Comprehensive Environmental Response, Compensation, and Liability Act

The purpose of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or Superfund is to identify and clean up chemically contaminated sites that pose a significant environmental health threat. The Hazard Ranking System is used to determine whether a site should be placed on the National Priority List (NPL) for cleanup activities. The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is a US EPA maintained list of contaminated sites that had undergone to some extent or are currently undergoing clean-up activities. CERCLA applies to projects impacting any of the listed sites. The proposed Project is located within the MAFB which is listed in both the NPL and CERCLIS. Long-term remedial response actions, that permanently and significantly reduce the dangers associated with releases or threats of releases of hazardous substances that are serious, but not immediately life threatening, are applicable to the MAFB and potentially the proposed Project site.

Superfund Amendments and Reauthorization Act

The Superfund Amendments and Reauthorization Act (SARA) pertain primarily to the emergency management of accidental releases. Passed by the United States Congress in 1986, it requires formation of state and local emergency planning committees, which are responsible for collecting material handling and transportation data for use as a basis for planning. Chemical inventory data is made available to the community at large under the "right-to-know" provision of the law. In addition, SARA also requires annual reporting of continuous emissions and accidental releases of specified compounds. These annual submissions are compiled into a nationwide Toxics Release Inventory.

Toxic Substances Control Act

The Toxic Substances Control Act (TSCA) provides the US EPA with authority to require reporting, record-keeping, and testing requirements, and restrictions relating to chemical substances and/or mixtures. Certain substances are generally excluded from TSCA, including, among others, food, drugs, cosmetics, and pesticides.

Emergency Planning and Community Right-To-Know Act

The Emergency Planning and Community Right-to-Know Act (EPCRA) was enacted by Congress as the national legislation on community safety in 1986, under Title III of SARA. This law is designed to help local communities protect public health, safety, and the environment from chemical hazards. To help start EPCRA, Congress required each state to appoint a State Emergency Response Commission. The State Emergency Response Commissions are required to divide their states into Emergency Planning Districts and name a Local Emergency Planning Committee for each district. Firefighters, health officials, government and media representatives, community groups, industrial facilities, and emergency managers help make sure that all necessary elements of the planning process are represented. EPCRA provides requirements for emergency release notification, chemical inventory reporting, and toxic release inventories for facilities that handle chemicals.

United States Department of Transportation

The United States Department of Transportation (USDOT) has the regulatory responsibility for the safe transport of hazardous materials by air, rail, highway, and water. The USDOT promulgated a national safety program to minimize the risks to life and property inherent in the commercial transportation of hazardous waste. The USDOT also evaluates safety risks, develops and enforces standards for transporting hazardous materials, educates shippers and carriers on proper handling and documentation procedures, investigates hazardous materials incidents and failures, and provides assistance to improve emergency response to incidents.

2.2 State Laws, Regulations, Agencies, and Policies

State laws, regulations, agencies, and policies that may be pertinent to the proposed Project are presented below.

California Code of Regulations

Most state and federal regulations and requirements that apply to generators of hazardous waste are spelled out in the California Code of Regulations (CCR), Title 22, Division 4.5. Title 22 contains the detailed compliance requirements for hazardous waste generators, transporters, treatment, storage, and disposal facilities. Maximum contaminant thresholds are identified under Section 66261.24. Because California is a fully authorized State according to RCRA, most RCRA regulations, such as those contained in 40 Code of Federal Regulations (CFR) 260, et seq., have been duplicated and integrated into Title 22. However, because the Department of Toxic Substances Control (DTSC) regulates hazardous waste more stringently than the US EPA, the integration of state and federal hazardous waste regulations that make up Title 22 do not contain as many exemptions or exclusions as RCRA. As with the California Health and Safety Code (CHSC), Title 22 also regulates a wider range of waste types and waste management activities than do RCRA regulations in 40 CFR 260. To aid the regulated community, California compiled the hazardous materials, waste, and toxics-related regulations contained in CCR Titles 3, 8, 13, 17, 19, 22, 23, 24, and 27, into one consolidated CCR Title 26 “Toxics.” However, the California hazardous waste regulations are still commonly referred to as Title 22.

California Environmental Protection Agency

The California EPA (Cal EPA) has broad jurisdiction over hazardous materials management in the state. Within Cal EPA, the DTSC has primary regulatory responsibility for hazardous waste management and cleanup. Enforcement of regulations has been delegated to local jurisdictions that enter into agreements with DTSC for the generation, transport, and disposal of hazardous materials under the authority of the Hazardous Waste Control Law. Along with the DTSC, the Regional Water Quality Control Board (RWQCB) is responsible for implementing regulations pertaining to management of soil and groundwater investigation and cleanup. RWQCB regulations are contained in Title 27 of the CCR. Additional state regulations applicable to hazardous materials are contained in Title 22 of the CCR. Title 26 of the CCR is a compilation of those sections or titles of the CCR that are applicable to hazardous materials.

Department of Toxic Substances Control

The DTSC regulates hazardous waste in California primarily under the authority of the Federal RCRA of 1976 and the CHSC. DTSC also oversee other applicable laws that affect the handling, storage, transportation, disposal, treatment, reduction, cleanup, and emergency planning that are specific to hazardous waste.

California Hazardous Waste Control Program

The Hazardous Waste Control Program (HWCP) implements RCRA's "cradle-to-grave" waste management system in California. HWCP specifies that generators have the primary duty to determine whether their wastes are hazardous and to ensure their proper management. The HWCP also establishes criteria for the reuse and recycling of hazardous wastes used or reused as raw materials. The HWCP exceeds federal requirements by mandating source reduction planning and a much broader requirement for permitting facilities that treat hazardous waste. It also regulates a number of waste types and waste management activities that are not covered by federal law with RCRA.

California's Hazardous Materials Release Response Plans and Inventory Law

California's Hazardous Materials Release Response Plans and Inventory Law, sometimes called the "Business Plan Act," aims to minimize the potential for accidents involving hazardous materials and facilitate an appropriate response to possible hazardous materials emergencies. The State requires businesses that use hazardous materials to provide inventories of those materials to designated emergency response agencies, illustrate on a diagram where the materials are stored on site, prepare an emergency response plan, and train employees to use the materials safely. The law requires the owner or operator of any business that handles hazardous materials in quantities equal to or greater than 55 gallons, 500 pounds, or 200 cubic feet of gas at standard temperature and pressure to submit a business plan. The California Emergency Management Agency (Cal EMA), acting pursuant to Health and Safety Code Section 25503.3, has developed a single comprehensive hazardous materials inventory form for businesses to use and submit their individual hazardous materials inventories.

California Division of Occupational Safety and Health

Occupational safety standards exist in federal and state laws to minimize worker safety risks from both physical and chemical hazards in the workplace. The California Division of Occupational Safety and Health (Cal/OSHA) is responsible for developing and enforcing workplace safety standards and assuring worker safety in the handling and use of hazardous materials. Among other requirements, Cal/OSHA obligates many businesses to prepare Injury and Illness Prevention Plans and Chemical Hygiene Plans.

South Coast Air Quality Management District

The South Coast Air Quality Management District (SCAQMD) is an air pollution control district for Orange County and the urban portions for Los Angeles, Riverside, and San Bernardino counties. SCAQMD develops rules and regulations necessary to achieve air quality standards in the district area. Of these rules, Rules 403 and 404 are applicable to hazards and hazardous materials regulation. Rule 403 aims to reduce the amount of particulate matter entrained in the ambient air as a result of man-made fugitive dust sources by requiring actions to prevent, reduce, or mitigate fugitive dust emissions. Established procedures of Rule 403 include the application of water or chemical stabilizers to disturbed soils at least

twice a day; covering all haul vehicles before transport of materials; restricting vehicle speeds on unpaved roads to 15 mph; and sweeping loose dirt from paved site access roadways used by construction vehicles. In addition, it is required to establish a vegetative ground cover on disturbance areas that are inactive within 30 days after active operations have ceased. Alternatively, an application of dust suppressants can be applied in sufficient quantity and frequency to maintain a stable surface. Rule 403 also requires grading and excavation activities to cease when winds exceed 25 mph. Rule 404 aims to reduce particulate matter concentrations emitting into the air by establishing a set threshold enumerated on Table 404(a) of Rule 404. The Project is required to comply with these rules.

2.3 Local Laws, Regulations, Agencies, and Policies

Local laws, regulations, agencies and policies that may be pertinent to the propose Project are presented below.

March Joint Powers Authority General Plan

The March Joint Powers Authority General Plan (MJPA GP), Chapters 5 and 6, contains policies related to hazards and hazardous materials and its potential effects. The proposed Project will need to meet each of the policies summarized below and applicable to the proposed Project.

- Chapter 5
  - *Goal 1:* Conserve and protect surface water, groundwater, and imported water resources.
    - *Policy 1.2:* Protect groundwater and surface water resources from depletion and sources of pollution.
    - *Policy 1.3:* Cooperate with federal, state, and county governments and other agencies on the maintenance and improvement of the quality and quantity of local and regional groundwater resources.
    - *Policy 1.7:* Assist responsible agencies in eliminating the discharge of toxic materials and untreated sewage into the March JPA drainage and groundwater system.
    - *Policy 1.8:* Assure that the development project complies with regulatory agency requirements, including federal, state and regional regulations.
- Chapter 6
  - *Goal 4:* Reduce threats to public safety and protect property from wildland and urban fire hazards.
  - *Goal 5:* Reduce the potential for hazardous material exposure or contamination in the Planning Area.
    - *Policy 5.1*: Comply with the enforcement of disclosure laws that require all users, producers, and transporters of hazardous materials and wastes to clearly identify such materials at the site, and to notify the appropriate county, state and/or federal agencies in the event of a violation.
    - *Policy 5.2:* For disaster preparedness, identify any Planning Area roadways along which hazardous materials may be transported, and restrict the transport of such materials on those routes.

- *Policy 5.4:* Ensure the storage, use and transportation of any hazardous material complies with the standards set forth within the errata sheets published for each substance.

- *Goal 7:* Reduce the possible risk of upset, injury and loss of life, property damage, and other impacts associated with an aviation facility.
  - Policy 7.3: Ensure airport operations adhere to appropriate emergency access and response standards and practices.

City of Moreno Valley General Plan

The safety elements of the Moreno Valley General Plan (MV GP) set forth the following objectives and policies with respect to hazards and hazardous materials. The proposed Project meets each of the following policies applicable to the proposed Project:

- Safety Element
  - *Goal 6.1:* To achieve acceptable levels of protection from natural and man-made hazards to life, health, and property.
    - *Objective 6.10:* Protect life and property from the potential short-term and long-term deleterious effects of the necessary transportation, use, storage treatment and disposal and hazardous materials and waste within the City of Moreno Valley.
      - *Policy 6.10.1:* Require all land use applications and approvals to be consistent with the siting criteria and other applicable provisions of the adopted Hazardous Waste Management Plan, which is also incorporated into and as part of the General Plan.
      - *Policy 6.10.2:* Manage the generation, collection, storage, processing, treatment, transport and disposal of hazardous waste in accordance with provisions of the City of Moreno Valley's adopted Hazardous Waste Management Plan, which is also incorporated into and as part of the General Plan.

3. Environmental Analysis

This section provides a summary of existing conditions, past land uses, and potential local hazards with the possibility to result in a hazardous condition.

3.1 Environmental Setting

This section discusses existing conditions and observations made during the site reconnaissance at the proposed Project for the Phase I ESA.

Parcel D2

Parcel D2 is located east of Interstate 215 (I-215) and south of the March Airfield Museum. The parcel consists of approximately 155 acres of primarily undeveloped land covered with native vegetation, paved service roads, abandoned electrical utilities, groundwater monitoring wells, and several pump stations associated with the Western Municipal Water District (WMWD) 96-inch water line improvement project. Abandoned electrical utilities and vaults, approximately 30 cubic yards of stockpiled soil, and approximately 5 cubic yards of construction debris were also observed on the parcel. The onsite groundwater monitoring well and piezometers are reportedly associated with geotechnical investigation and water quality testing associated with the former MAFB.

Adjoining Properties

The north adjoining properties consist of the MARB and March Field Air Museum (22550 Van Buren Boulevard). The east-adjoining property to Parcel D2 consists of the March ARB runways and undeveloped land. Undeveloped land abuts Parcel D2 to the south followed by Western Way Recycling (6175 Natwar Lane). The Armed Forces Freeway abuts Parcel D2 to the west followed by the Riverside National Cemetery (22495 Van Buren Boulevard).

3.2 Past Land Use and Records Review

The former MAFB was used for aircraft operations and maintenance, refueling operations, and training activities since 1918. The U.S. Air Force, due to its primary mission in national defense, has long been engaged in a wide variety of operations that involve the use, storage, and disposal of hazardous materials. Past waste management practices at the former MAFB resulted in contamination of soil and groundwater in several areas of the former base. Contamination primarily resulted from years of aircraft operations and maintenance that involved substances such as fuels, oils, solvents, construction rubble, and household waste. Past disposal practices included waste incineration, discharging of waste to sewer systems and storm drains, and disposal of waste into unlined pits and landfills.

According to the Flood Damage Reduction Feasibility Study prepared by the US Army Corps of Engineers, the Installation Restoration Program (IRP) was developed by the Department of Defense (DOD) in 1980 to locate and clean-up hazardous waste sites. A number of IRP sites were identified on the former MAFB in 1983. In 1989, the former MAFB was placed on the US EPA NPL of hazardous waste sites due to contamination of groundwater beneath the former MAFB and contaminated soils at various locations on the former base. MAFB underwent Base Realignment and Closure (BRAC) in 1996. Land use authority

for surplused federal property has been conveyed to MJPA, the local reuse agency. Approximately 90% of the remediation activities on BRAC transferred land have been deemed complete with sites that have either been cleaned up or determined not to be associated with soil or groundwater contamination. Remediation activities associated with MAFB and BRAC transferred land, is projected to be completed by the year 2021.

In September 1990, a Federal Facilities Agreement (FFA) was signed by the Air Force, US EPA and the State of California to establish procedures for involving federal and state regulatory agencies and the public in the MAFB environmental restoration process. A total of 48 IRP sites suspected of hazardous waste contamination at the former MAFB have been identified. Most of these sites were organized into four primary Operational Units (OUs). Three of these OUs were created, based on the geographic location of sites, similarity of contaminants, and location of groundwater contaminant plumes. OU-1 consists of IRP sites located in the eastern portion of the former base. OU-2 consists of IRP sites dispersed through the northern and central portions of the former base and West March (located west of I-215). OU-4 includes IRP sites and areas of concern that were not included in OU-1 or OU-2 and do not have associated groundwater contamination. OU-3 was reclassified as a petroleum site and therefore, not a CERCLA site.

Parcel D2

IRP sites associated with one of the four primary OUs were not located on Parcel D2. However, two Underground Storage Tanks (USTs) were previously located along the northeastern portion of the parcel. The two USTs consisted of one (1) 500-gallon and one (1) 1,000-gallon diesel tanks associated with the Old Aero Club located approximately 2,700 feet southeast of Parcel D2. The two USTs were removed in 1991, and excavation and disposal of approximately 550 cubic yards of petroleum hydrocarbon-impacted soils was completed in June 1996. A No Further Action (NFA) letter dated September 12, 1996, was issued by the Santa Ana RWQCB for the two USTs. Based on the removed status and regulatory closure status of the USTs, the former USTs do not impose a significant risk associated with hazards or hazardous materials to the proposed Project.

3.2.1 Federal and State Databases

A review of regulatory databases, provided by Environmental Data Resources, Inc. (EDR), was conducted as part of the Terracon Phase I ESA. The purpose was to identify known hazards and hazardous material releases in the proposed Project and surrounding areas. The records reviewed federal and state/tribal databases, and gathered information about facilities within a one mile radius of the proposed Project proximity. **Table 1** below provides a summary of facilities identified from the database search. Database definition, descriptions, and the database search report are included in **Appendix A**.

Table 1 Federal and State Databases

Database	Description	Radius (miles)	Listings
Federal			
NPL	EPA: National Priority List	1	1
NPL (Delisted)	EPA: National Priority List (Delisted)	0.5	0
CERCLIS	EPA: Comprehensive Environmental Response, Compensation, and Liability Information System	0.5	1

Database	Description	Radius (miles)	Listings
CERCLIS/NFRAP	EPA: CERCLIS/No Further Remedial Action Planned	0.5	0
RCRA CORRACTS/TSD	EPA: RCRA, Corrective Action Report/Treatment, Storage and Disposal	1	0
RCRA Non-CORRACTS/TSD	EPA: RCRA, Non-Corrective Action Report/Treatment, Storage and Disposal	0.5	0
RCRA Generators	EPA: RCRA – Generator	0.1	4
IC	EPA: Site with Institutional Controls Site	Site	1
EC	EPA: Site with Engineering Controls Site	Site	1
ERNS	United States Coast Guard National Response Center: Emergency Response Notification System	Site	0
State/Tribal			
RESPONSE	DTSC: State Response Sites	1	1
ENVIROSTOR	DTSC: EnviroStor Database	1	2
CHMIRS	EPA Office of Emergency Services: California Hazardous Material Incident Report System	Site and adjoining	0
CORTESE	EPA Office of Emergency Services: Hazardous Waste & Substances Sites List	0.1	1
HIST CORTESE	EPA Office of Emergency Services: Historical Hazardous Waste & Substances Sites List	0.1	2
HAZNET	EPA: Facility and Manifest Data	Site and Adjoining	0
SWF / LF (SWIS)	California Department of Resources Recycling and Recovery: Solid Waste Information System	0.5	1
LUST	State Water Resources Control Board (SWRCB): Leaking Underground Storage Tank Database	0.5	36
SWEEPS	SWRCB: Statewide Environmental Evaluation and Planning System	0.25	1
HISTUST	SWRCB: Hazardous Substance Storage Container Database	0.25	50
CA FID UST	EPA: Facility Inventory Database Underground Storage Tank	0.25	1
UST	SWRCB: Active Underground Storage Tank Facilities	0.25	4
AST	EPA Aboveground Petroleum Storage Tank Facilities	0.25	0
SLIC	SWRCB: Spills, Leaks, Investigations and Cleanup Cases	0.25	0
DRYCLEANERS	DTSC: Cleaner Facilities	0.25	0
VCP	DTSC: Voluntary Cleanup Program sites	0.5	0
Brownfields	EPA: Brownfield Sites	0.5	0
SWRCY	California Department of Conservation: Recycler Database	Site	0
NPDES	EPA, National Pollutant Discharge Elimination System	Site	0
FINDS	EPA, Facility Index System/Facility Registry System	Site	0
EDR Hist Auto	EDR Exclusive Historic Gas Stations	0.1	0
EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners	0.1	0

3.3 Potential Local Hazards

Several local hazards were identified within the vicinity of the proposed Project during the records review. These hazards are associated with the past activities of MAFB. Only open-status sites with a potential to contribute to onsite hazards at the proposed Project location are discussed and identified below.

3.3.1 Groundwater Plume – March Air Force Base Operable Unit 1 and Operable Unit 2

OU-1 sites are located approximately 9,300 feet east to 3,000 feet north of Parcel D2, and are located at the eastern portion of the MAFB. Historical operations at OU-1 sites have contributed to the formation of a large plume identified as OU-1 Groundwater Plume. The OU-1 Groundwater Plume has reportedly migrated eastward beyond the boundaries of the MAFB and is impacted with halogenated solvents including carbon tetrachloride above the maximum contaminate level (MCL); and tetrachloroethylene (PCE), trichloroethylene (TCE), and 1,1,1-trichloroethane or methyl chloroform (1,1,1-TCA) below the MCL represent a potential hazard associated with the proposed Project. OU-2 sites are located approximately 500 feet north to 8,000 miles northwest of Parcel D2. OU-2 plume chemicals of concern include TCE, PCE, and carbon tetrachloride. Parcel D2 is located approximately 4,300 feet north of the OU-2 plume.

3.3.2 Construction/Demolition Debris and/or Dumped Fill Dirt

Construction/demolition debris was observed on the northern portion of Parcel D2 during the Terracon Phase I ESA site reconnaissance. The amount of debris was approximately five cubic yards. Based upon visual observation of the surface material, the construction debris area appeared to consist primarily of soil, concrete, plastic sheets, and trees, and did not appear to be hazardous in nature. This area is accessed by a service road and an unpaved area of the western portion of Parcel D2. Leakage, spills or other releases from the construction/demolition debris were not observed during the site reconnaissance.

Dumped fill dirt was observed located at the northern portion of Parcel D2 during the site reconnaissance. The amount of dirt was approximately 30 cubic yards. The dumped fill is associated with the excavations of the WMWD 96-inch water pipeline project extending from west of the I-215 across Parcel D2. This area is accessed by an asphalt-paved service road on the western portion of Parcel D2. Notable odors were not apparent from the dumped fill dirt at the time of the site reconnaissance.

4. Environmental Impacts

This section reviews the CEQA guidelines for thresholds of significance for hazards and hazardous materials and mitigation efforts to reduce the impact.

4.1 Method of Analysis

Potential impacts associated with the construction and operation of the proposed Project could occur as a result of encountering known or unknown sites of contamination; unintended spills or releases of hazardous materials during routine transport; use, storage, and disposal of hazardous materials; and other types of hazards.

The analysis of potential construction impacts associated with hazards and hazardous materials is based on available information about existing site conditions summarized in **Section 3** above, and anticipated construction activities associated with development of the proposed Project. Analysis of the proposed Project hazards and hazardous materials impacts during operations is based on daily operations that occurred previously at the proposed Project location.

4.2 Threshold Significance

MJPA has not established local CEQA significance thresholds as described in Section 15064.7 of the State CEQA Guidelines. Pursuant to the CEQA Environmental Checklist for the proposed Project impacts related to hazards and hazardous waste would be considered potentially significant if the proposed Project would:

- Create a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials?
- Create a significant hazard to the public or environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?
- Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?
- Be located on a site included on a list of Government Code Section 65962.5, and as a result, would it create a significant hazard to the public or environment?
- For a project located within an airport land use plan, would the project result in a safety hazard for people residing or working in the project area?
- For a project within the vicinity of a private helipad or airstrip, would the project result in a safety hazard for people residing or working in the project area?
- Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?
- Expose people or structures to a significant risk of loss, injury or death involving wild land fires, including where wild lands are adjacent to urbanized areas or where residences are intermixed with wild lands?

The proposed Project is a proposed development in line with the MIAPP land use plan which meets the requirements of the MJPA GP and will not result in a safety hazard. The proposed Project would not interfere with the adopted emergency response or emergency evacuation plan. Additionally, helipad and/or airstrip are not proposed as part of this development. The closest school, Rainbow Ridge Elementary, is located approximately 1.75 miles northeast of Parcel D2. As the closest school is located more than 0.25 miles from the proposed Project site, no impacts from hazards or hazardous materials are expected to impact schools in the surrounding area. As summarized in **Section 3.1** above, the parcel is composed mostly of undeveloped land covered with native vegetation and surrounded by developed area with commercial and industrial land uses. Wild lands prone to wild fires were not observed surrounding the vicinity of the proposed Project site. These items summarized above will not be discussed further as the criteria related to safety hazards and risks do not apply.

4.3 Impact Analysis

The proposed Project is located on the former MAFB which includes a site on databases listing hazardous materials pursuant to Government Code Section 65262.5 which have been remediated. OU sites were not located within Parcel D2; however, the parcel previously had two USTs that were removed in 1991 and the surrounding contaminated soils were excavated in 1996.

The surrounding adjacent areas include a suspected landfill, Landfill No. 2 (Site 22), located north of Parcel D2. During remedial investigation it was determined that a landfill did not exist on Site 22. Additionally, Site FT007, an OU-1 site located on Parcel D1 – North, approximately 5,500 feet east of Parcel D2. Ongoing remediation has been conducted at Site FT007 since 1992. During the recent site reconnaissance, conducted by Terracon, soil vapor and groundwater extraction systems associated with ongoing remedial investigation was observed at Parcel D1 – North. Parcel D1 – North is an active remediation site, there is a potential for transport and accidental release of hazardous material into the environment, associated with construction and operational activities. The remaining threshold of significance will be analyzed simultaneously due to the overlapping nature of the information and analysis necessary to discuss and formulate an impact determination.

4.3.1 Soils

The adjoining areas of Parcel D2 include a suspected landfill, Landfill No. 2 (Site 22), located north of Parcel D2. Site 22 was investigated during the OU-2 Remedial Investigation conducted between 1992 and 1997. The findings from the OU-2 Remedial Investigation concluded that the levels of contamination requiring remedial action were not identified at Site 22. As part of the site investigation, 15 acres of land was investigated to ensure all potential areas of concern were investigated. The location of the landfill was based on limited evidence and during the site investigations landfill materials and/or debris were not located. Geophysical surveys were also used to find buried metal or disturbed soils. Soil gas, soil, and groundwater sampling was also collected and analyzed. Contamination was not found in the samples collected and the geophysical surveys found no buried waste. The findings from the investigation determined that a landfill did not exist in this area. As a result of this finding, a risk assessment was not completed on Site 22 because no contaminants were found and the site poses no risk to human health or the environment. As there is no active remediation associated with Parcel D2, there is no impact associated with past contaminated soil on Parcel D2.

Other nearby sites located close to Parcel D2 are Site 38 and Site FT007. Parcel D2 is located approximately 3,200 feet northwest of Site 38, a MAFB OU-1 site. In September 2014, the Final Third Five Year Review Report indicated that contaminated soil was removed at Site 38 and additional contamination was not identified at Site 38. Site FT007 located on Parcel D1 – North is currently undergoing SVE and GETS remedial activities. The 2014 Former MAFB and MAFB Third Five Year Review Report noted Site FT007 is contaminated with fuels, oils, and solvents. Site FT007 is restricted from residential use as determined in the Record of Decisions (ROD) for OU-1. In 2007 another source of contamination was found. A pilot study soil vapor extraction and carbon treatment system operated 12 months from June 2011 to July 2012 extracting from 4 wells. Soil vapor concentrations reported in April 2013 from SVE wells indicated the highest level of results from the
15 feet to 25 feet below ground surface (bgs) zone. Reported concentrations ranged from 1,900 parts per billion by volume (ppbv) in 7SVE01 to 1,400,000 ppbv in 7SVE03. The interim SVE treatment system removed 2,548 pounds of TCE and 3,900 pounds of Total Petroleum Hydrocarbons (TPH) as of June 2012. The pilot SVE indicates that optimization is possible. A ROD Amendment to select a soil remedy is in the process of regulatory review, which adds SVE to the remedy. PFCs release assessment at Site FT007 is ongoing and sampling was scheduled for February 2015. As these sites are located downgradient of Parcel D2, there is no impact associated with the ongoing remedial activities and the onsite contamination from OU-1.

4.3.2 Groundwater

Groundwater encountered north of Parcel D2 is unconfined at a depth of 25 feet bgs and the groundwater has been decreasing since 1993. During the OU-2 Remedial Investigation, groundwater contamination was not found on Site 22. In addition, the findings from the 1991 UST tank pull and the 1996 excavation of the contaminated soils did not find contaminated groundwater below Parcel D2. There is no risk of encountering contaminated groundwater during construction activates at the site.

The OU-1 Groundwater Plume is located east of Parcel D2 and Site FT007, a MAFB OU-1 Site, and is believed to have contributed to the groundwater plume. The OU-1 Groundwater Plume contains halogenated solvents including carbon tetrachloride, PCE, TCE, and 1,1,1-TCA, and are believed to be decreasing in concentration. The OU-1 Groundwater Plume is located beneath Parcel D1 – North; however, not beneath Parcel D1 – South. Parcel D1 – North has a GETS to remediate the groundwater plume beneath Site FT007. While the GETS provides on-going remediation to contain and prevent the spread of the groundwater plume, treats the contaminates known to occur in the groundwater beneath Parcel D1 – North and has been effective in doing both; however, compliance with clean-up goals have yet to be achieved.

Historically, groundwater levels within the vicinity of MAFB and former MAFB have been on the rise. Localized groundwater levels rose approximately 40 to 50 feet between 1970 and 1984. Since 1992, groundwater levels have risen up to 8 feet per year off-Base. These off-Base rising groundwater levels have been attributed to land uses that have changed from primarily agriculture to suburban (mixed residential/commercial uses); the filling of Perris Reservoir located approximately three miles southeast of the former Base; and changes to groundwater extraction such as the cessation of water supply well pumping at former Base water and reduced well pumping at Box Springs wells located 1.4 miles north of MAFB. Within the vicinity of the Parcel D1 – North, groundwater elevations were encountered at depths ranging from 13.5 bgs to 27 feet bgs.

4.3.3 Construction

Construction of the proposed Project at Parcel D2 would require the temporary use, transportation, and handling of potentially hazardous materials, including fuels, lubricating oil, grease, hydraulic fluid, cement, paints, solvents, and possibly other hazardous materials commonly used in the construction industry. These materials would be contained within vessels engineered for safe storage. Storage of substantial quantities of these materials along the proposed development area is not anticipated. Construction vehicles may require on-site fueling, or routine or emergency maintenance that could result in the release of oil, diesel fuel, transmission fluid or other materials. However, the materials would not be used in large quantities or stored in a manner that would pose a significant hazard to the public or the construction workers.

Exposure of persons to such types of hazardous materials could occur through improper handling or use of hazardous materials or hazardous wastes during construction, particularly by untrained personnel; transportation accident; environmentally unsound disposal methods; or fire, explosion or other emergencies. The types and amounts of hazardous materials would vary according to the nature of the activity. In some cases, it is the type of hazardous material that is potentially hazardous; in others, it is the amount of hazardous material that could present a hazard. Whether a person exposed to a hazardous substance would suffer adverse effects depends upon a complex interaction of factors that determine the effects of exposure to hazardous materials: the exposure pathway (the route by which a hazardous material enters the body); the amount of material to which the person is exposed; the physical form (e.g., liquid, vapor) and characteristics (e.g., toxicity) of the material; the frequency and duration of exposure; and the individual's unique biological characteristics such as age, gender, weight, and general health. However, the handling or use of hazardous materials is required to comply with the regulations, standards, and guidelines established by the US EPA and state related to storage, use, and disposal of hazardous materials. Thus, impacts from these general construction activities and materials are highly regulated and are less than significant.

4.3.3.1 Construction – Soil

Contaminated soils are not expected to be encountered during construction; however, if the contaminated soils are discovered during the construction of the proposed Project site implementation of mitigation measures **MM HAZ 1** through **MM HAZ 3** will need to be conducted to: 1) develop a Health and Safety Plan to minimize potentially hazardous conditions and impacts from handling of potentially hazardous materials; 2) all environmental investigation and/or remediation are to be conducted under the Health and Safety Plan to ensure any hazardous waste remediation measures required are met; and 3) an on-site hazardous materials monitoring. Implementation of mitigation measure **MM HAZ 4** will require testing of surrounding soils prior to the start of development activities to determine if soil within Parcel D2 is contaminated above allowable thresholds set forth by DTSC. Should containments exceed allowable limits, implementation of mitigation measure **MM HAZ 5** will require the preparation of a Soil Management Plan to identify how contaminated soil will be handled. As part of **MM HAZ 5**, a remediation plan which identifies treatment methods for contaminated soils will be part of the Soil Management Plan, which will consider known effective treatment methods. These methods include, but are not limited to, SVE, thermal desorption, and/or off-site incineration for volatile organic compounds (VOCs); biodegradation, dehalogenation, and/or excavation with off-site disposal for semi-VOCs; physical chemical immobilization, thermal extraction, and/or vegetative uptake for heavy metals; free product recovery, soil venting, air sparging, and/or in situ bioremediation for petroleum hydrocarbons; and offsite incineration, ex situ thermal desorption, excavation and disposal, and/or in situ vitrification for

polychlorinated biphenyls. It should be noted that each treatment method associated with its particular contaminate has a known success with remediation.

Further, Cal/OSHA provides regulatory oversight concerning the use of hazardous materials, including requirements for safety training, availability of safety equipment, hazardous materials exposure warnings, and emergency action and fire prevention plan preparation. Cal/OSHA enforces the hazard communication program regulations, which include provisions for identifying and labeling hazardous materials, describing the hazards of chemicals, and documenting employee-training programs. Soil excavation that may result in the contact with contaminated soil must be conducted in accordance with Cal/OSHA standards and the Soil Management Plan. Thus, adherence to existing regulations, which require appropriate testing and abatement actions for hazardous materials, and implementation of mitigation measures **MM HAZ 1** through **MM HAZ 5** ensure impacts resulting from contaminated soils during construction are less than significant.

4.3.3.2 Construction – Groundwater

Groundwater is not expected to be encountered during construction and there is no risk of encountering contaminated groundwater during construction activities.

4.3.4 Operation

The potential uses for the proposed Project will include facilities for logistics centers such as office space, dock doors and trailer parking. Additionally, the non-aviation industrial buildings will allow for development of logistics centers utilized to support wholesale, storage, distribution, manufacturing, or assembly centers. As occupants of the facilities are unknown at this time, it is possible potential occupants may use, store, and dispose of hazardous substances. As with construction activities, it is possible that hazardous materials may be transported to and from the proposed Project site which could result in accidental spills, leaks, toxic releases, fire, or explosion. However, appropriate documentation for all hazardous materials transported in connection with construction activities is required for compliance with existing hazardous materials regulations codified in Titles 8, 22, and 26 of the CCR, and their enabling legislation set forth in Chapter 6.95 of the CHSC. Such activities would also require compliance with all applicable federal, state, and local laws and regulations pertaining to the transport, use, disposal, handling, and storage of hazardous waste and materials, including but not limited to the USDOT Office of Hazardous Materials Safety Title 49 of the CFR, and implemented by Title 13 of the CCR which prescribes strict regulations for the safe transportation of hazardous materials. Compliance with the applicable federal and state laws related to the transportation of hazardous materials, reduces the likelihood and severity of accidents during transit during periodic maintenance activities. By following regulatory requirements, this impact would be less than significant.

4.4 Proposed Mitigation Measures

This section presents mitigation measures that correspond to project impacts described in **Section 4.3**.

4.4.1 Construction Mitigation

MM HAZ 1: Health and Safety Plan

A Health and Safety Plan shall be prepared for work conducted on site. The Health and Safety Plan shall identify steps in case of discovery of any hazardous materials.

MM HAZ 2: Hazardous Materials Monitoring

A geotechnical monitor shall monitor excavations to evaluate whether any hazardous materials are discovered.

MM HAZ 3: Handling Hazardous Material

The contractor(s) will:

- Store reserve fuel supplies in the confines of a designated construction staging area, and regularly inspect for leaks.
- Prepare a Health and Safety Plan in accordance with CHSC, Division 20, Chapter 6.95 which will include measures to be taken in the event of an accidental spill including, but not limited to, corrective actions to immediately stop the release and prevent further impact to the environment, notification to the Riverside County Department of Environmental Health and Cal EMA of release within 24 hours of discovery.

4.4.2 Soils Mitigation

MM HAZ 4: Hazardous Materials Monitoring

If presence of hazardous materials are observed and the results of soil testing identify the presence of constituents in soil above allowable thresholds identified under California Code of Regulations, Title 22, Division 4.5, Section 66261.24, implementation of MM HAZ 5 will be required, requiring preparation of a Soil Management Plan. Should results identify the presence of constituents in soils below the allowable threshold, no further action will be required.

MM HAZ 5: Soils Testing and Soil Management Plan

If hazardous materials are discovered, soils testing for potential VOCs will be performed in accordance to the requirements set forth by the DTSC. Should the results identify the presence of constituents above allowable thresholds established by DTSC/EPA Preliminary Remediation Goals or California Human Health Screening Levels, a Soil Management Plan will be prepared by a registered geotechnical engineer to include at minimum:

- Condition of the soil identifying the constituent of concern and contamination levels present.

- Remediation plan which identifies treatment method for contaminated soils. Known effective treatment methods for the identified potential contaminates of concern for on-site soils that will be considered for implementation in the remediation plan include, but are not limited to:
  - For volatile organic compounds: SVE, thermal desorption, and/or off-site incineration
  - For semi-volatile organic compounds: Biodegradation, bio-venting, bio augmentation, dehalogenation, and/or excavation with off-site disposal
  - For heavy metals: physical/chemical immobilization, thermal extraction, and/or vegetative uptake
  - For petroleum hydrocarbons: Free product recovery, soil venting, air sparging, and/or in situ bioremediation
  - For polychlorinated biphenyls: Off-site incineration, ex situ thermal desorption, excavation and disposal, and/or in situ vitrification
- Should remediation plan involve the removal of contamination, then identification will be made that contaminated material will be excavated, consolidated and transported by a licensed handler/hauler to an off-site licensed hazardous waste disposal facility.

5. Conclusion

This Technical Report describes the hazards and hazardous materials identified at the proposed Project site and hazardous conditions or releases that could potentially occur based on the project description and the mitigations measures to lessen potential impacts. The mitigation measures identified in **Section 4.4** of this report will reduce potential impacts associated with hazards and hazardous materials to a level that is less than significant. No significant impacts relating to hazards and hazardous materials have been identified.

6. References

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Appendix A

Terracon Phase I Environmental Site Assessment Parcel D2

Phase I Environmental Site Assessment

March Inland Port Airport (MIPAA) Parcel D2

Parcel D2 South of the SR-215 off-ramp at Van Buren Boulevard

Unincorporated Riverside County, California

May 18, 2016

(Revised October 11, 2016)

Terracon Project No. 60167109

Prepared for:

Hillwood Investment Properties, Inc.
Ontario, California

Prepared by:

Terracon Consultants, Inc.
Irvine, California

terracon.com

Terracon

Environmental ■ Facilities ■ Geotechnical ■ Materials

May 18, 2016
(Revised October 11, 2016)

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Attn: Ms. Kathy Hoffer
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Re: Phase I Environmental Site Assessment
March Inland Port Airport Authority (MIPAA) Parcel D2
Parcel D2 South of the SR-215 off-ramp at Van Buren Boulevard
Unincorporated Riverside County, California
Terracon Project No. 60167109

Dear Ms. Hoffer:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with Terracon Proposal No. P60197109 date November 19, 2015.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Jennifer S. Van
Senior Staff Scientist

Islam (Sami) R. Noaman, E.I.T.
Environmental Group Manager

Carl A. Parten
Principal / Office Manager II
Attachments

TABLE OF CONTENTS

Page No.

EXECUTIVE SUMMARY i
Findings i
Opinions and Conclusions iii
Significant Data Gaps iii
Recommendations iii
1.0 INTRODUCTION 1
1.1 Site Description 1
1.2 Scope of Services 1
1.3 Standard of Care 1
1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps 2
1.5 Reliance 3
1.6 Client Provided Information 3
2.0 PHYSICAL SETTING 4
3.0 HISTORICAL USE INFORMATION 5
3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps 5
3.2 Site Ownership 6
3.3 Historical City Directories 6
3.4 Title Search 7
3.5 Environmental Liens and Activity and Use Limitations 7
3.6 Interviews Regarding Current and Historical Site Uses 7
3.7 Prior Report Review 8
4.0 RECORDS REVIEW 8
4.1 Federal and State/Tribal Databases 9
4.2 Local Agency Inquiries 13
5.0 SITE RECONNAISSANCE 14
5.1 General Site Information 14
5.2 Overview of Current Site Occupants and Operations 14
5.3 Site Observations 14
6.0 ADJOINING PROPERTY RECONNAISSANCE 17
7.0 ADDITIONAL SERVICES 18
8.0 DECLARATION 18

APPENDICES

APPENDIX A Exhibit 1 - Topographic Map
Exhibit 2 - Site Diagram
APPENDIX B Site Photographs
APPENDIX C Historical Documentation and User Questionnaire
APPENDIX D Environmental Database Information
APPENDIX E Credentials
APPENDIX F Description of Terms and Acronyms

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. P60197109 date November 19, 2015, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Islam (Sami) R. Noaman, Environmental Professional. Islam (Sami) R. Noaman E.I.T. performed the site reconnaissance on March 17, 2016.

Findings

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site is located in western Riverside County within the March Inland Port Airport Authority (MPIAA) redevelopment project, and consists of approximately 155 acres with Assessor Parcel Numbers (APNs) 294-150-009, 294-170-005, 295-300-008, and 294-180038, and identified herein as Parcel D2. The site vicinity is under the jurisdiction of the March Joint Powers Authority (JPA), in an unincorporated Riverside County area, California.

Parcel D2 is located east of SR-215 and south of the March Airfield Museum, and consists of primarily undeveloped land covered with native vegetation, paved service roads, abandoned electrical utilities, monitoring wells and pump stations associated with the Western Municipal Water District (WMWD) 96-inches water line improvement.

Historical Information

Based on a review of the historical information, the site was part of the March AFB established in 1918 and realigned to become a Reserve Base in April 1996. Parcel D2 has primarily consisted of undeveloped land and two underground storage tanks (USTs); one 500-gallon and one 1,000-gallon diesel tanks associated with the Old Aero Club located southeast of the site (refer to Exhibit 2). The two USTs were removed in 1991 and subsequent excavation and disposal of approximately 550 cubic yards (yd^3) of petroleum hydrocarbon-impacted soil were completed in June 1996. A No Further Action Letter (NFA) dated September 12, 1996 was issued by the Santa Ana Regional Water Quality Control Board (SARWQCB) for the two USTs. Therefore, the historical USTs do not represent a recognized environmental condition (REC) to the site.

Records Review

March Air Force Base formerly encompassing the site and surrounding areas was identified in the regulatory databases in the Department of Defense (DOD), national Priority List (NPL), Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Resource Conservation and Recovery Act – Large Quantity Generators (RCRA-LQG), United States Engineering Control (US ENG CONTROLS), United States Institutional Control (US INST CONTROL), Record of Decision (ROD), Potential Responsible PARTY (PRP), facility Index System (FINDS), NY MANIFEST, Enforcement and Compliance History Information (ECHO), The Department of Toxic Substances Control's Site Mitigation and Brownfields Reuse Programs database (ENVIROSTOR), Calsites Database (HIST CAL-Sites), and CA BOND EXP.PLAN databases. Based on a review of information obtained from the United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) online database, March AFB encompasses approximately 7,000-acres in the western portion of Riverside County. Operations at this base included flying and anti-aircraft training base, a tactical bomber and pursuit training base, and as a Strategic Air Command (SAC) bomber and air-to-air refueling operations base. Historical practices including aircraft and building maintenance, fuel storage, fire training exercises, and landfilling and burning of domestic refuse and petroleum hydrocarbon wastes. Waste streams generated at the March AFB included spent degreasers, waste oils and hydraulic fluids, solvents, cleaning compounds, paint strippers and thinners and contaminated jet fuels. Previous Investigations of the March AFB and documentation pertaining to the site are further discussed in Section 3.7 and Section 4.1. Based on the information reviewed, the historical March AFB operations associated with the site do not represent a REC to the site.

Site Reconnaissance

During the site reconnaissance several water pump stations, piezometers, groundwater monitoring wells, approximately 30 yd^3 of stockpiled soil, and approximately 5 yd^3 of construction debris, and abandoned electrical utilities and vaults were observed. The observed water pump stations are reportedly associated with the Western Municipal Water District (WMWD) 96-inches water line project bisecting Parcel D2 in an easterly direction. The onsite groundwater monitoring wells and piezometers are reportedly associated with geotechnical investigation and water quality testing associated with the former March AFB. Indications of RECs were not identified in connection with the site.

Adjoining Properties

The north adjoining properties consist of the March ARB and the March Air Field Museum (22550 Van Buren Blvd.), The east-adjoining property to the site consists of the March ARB runways and undeveloped land. Undeveloped land abuts Parcels D2 to the south followed by Western Way Recycling (6175 Natwar Ln.). The Armed Forces Freeway abuts the site to the west followed by the Riverside National Cemetery (22495 Van Buren Blvd.). RECs were not observed with the adjoining properties.

Opinions and Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 at MIPAA Parcel D2 south of the SR-215 off-ramp at Van Buren Boulevard, Riverside, Riverside County, California, the site. Based on the scope of services, limitations, and conclusions of this assessment RECs were not identified in connection with the site:

Significant Data Gaps

Significant data gaps were not identified in connection with the site.

Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon did not identify RECs associated with the site. As such, no further investigation is warranted at this time.

1.0 INTRODUCTION

1.1 Site Description

Site Name	Hillwood: March Inland Port Airport Authority (MIPAA) Parcel D2
Site Location/Address	The site is located within the MIPAA redevelopment project in unincorporated area of Riverside County, California
Land Area	Approximately 155 acres
Site Improvements	No improvements.

The site location is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A Site Diagram of the site and adjoining properties is included as Exhibits 2 of Appendix A. Acronyms and terms used in this report are described in Appendix F.

1.2 Scope of Services

This Phase I ESA was performed in accordance with Terracon Proposal No. P60197109 date November 19, 2015, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report. ASTM E1527-13 contains a new definition of "migrate/migration," which refers to “the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.” By including this explicit reference to migration in ASTM E1527-13, the standard clarifies that the potential for vapor migration should be addressed as part of a Phase I ESA and was considered by Terracon in evaluation of RECs associated with the site.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the

report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Hillwood Investment Properties, Inc. Use or reliance by any other party is prohibited without the written authorization of Hillwood Investment Properties, Inc. and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and the Professional Services Consulting Agreement dated November 19, 2015. The limitation of liability defined in the agreement is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

1.6 Client Provided Information

Prior to the site visit, Ms. Kathy Hoffer, was asked to provide the following user questionnaire information as described in ASTM E1527-13 Section 6.

Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.	X		
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.	X		
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.	X		

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.	X		
Obvious Indicators of Contamination at the site.	X		

The client did not provide the requested User's information as of the issuance date of the report, which represents a data gap. Terracon assumes the client is evaluating the questionnaire information outside the context of Terracon's Phase I ESA scope of work and report.

2.0 PHYSICAL SETTING

Physical Setting

Physical Setting Information		Source
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 1,500 feet (NGVD)	USGS Topographic Map, Steele Peak Quadrangle, California, Dated 2012
Surface Runoff/ Topographic Gradient	Gently sloping towards the east	
Closest Surface Water	Unnamed creek, located on Parcel 1 east of the site.	
Soil Characteristics		
Soil Type	Exeter sandy loam, Greenfield sandy, Hanford fine sandy loam, Monserate sandy loam, and Ramona sandy loam	Western Riverside County, CA USDA-NRCS Web Soil Survey, Version 2, dated December 9, 2013
Geology/Hydrogeology		
Formation	Quaternary Deposits	Geological Map of California, Dated 2010
Description	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly non-marine, but includes marine deposits near the coast.	
Estimated Depth to First Occurrence of Groundwater	Reported at 33 to 34 feet bgs on Parcel D1 located approximately 1,000 feet east of the site	Fourth Quarter 2001, Long-Term Groundwater Monitoring, prepared by MWH, Inc., dated May 2002.
Hydrogeologic Gradient	Flowing toward the east-southeast	

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify past uses for RECs. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps, selected historical aerial photographs (at approximately 10 to 15 year intervals) and historical fire insurance maps produced by the Sanborn Map Company were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps and aerial photographs are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the site.

- Topographic maps:
  - Riverside, California, published **1901** (1:62,500)
  - Riverside and Perris, California, published **1942** (1:62,500)
  - Steele Peak, Sunnymead, Perris, and Riverside East, California, published **1953** and **1967** (1:24,000)
  - Steele Peak, Sunnymead, and Perris, California, published **1973** (1:24,000)
  - Steele Peak, Sunnymead, and Riverside East, California, published **1979** and **1980** (1:24,000)
  - Steele Peak, Sunnymead, Perris, and Riverside East, California, published **2012** (1:24,000)
- Aerial photographs:
  - USGS, **1938**, **1949**, **1953**, **1961**, **1967**, **1978**, **1985**, and **1994**, 1”=1,000’
  - USDA, **2005**, **2006**, **2009**, **2010**, and **2012**, 1”=500’

Historical Topographic Maps and Aerial Photographs

Direction	Description
Site	Undeveloped land, creek depicted along the northern and eastern portions of the site (1901-1949); the site is depicted within the March Air Force Base (1953); vacant land within the March Air Force Base (1961-2005); apparent mobile building on the northern portion of D2, equipment and container storage along the north, western and southern portions of D2 (2009-2010); equipment and storage containers and mobile building previously located on D2 have been removed (2012).

Direction	Description
North	Undeveloped land (1901-1942); March Air Force Base (1953-1985); developed with the existing March Air Field Museum (1994); additional buildings associated with the museum observed (2002-2012).
East	Undeveloped land (1901-1949); runways, and warehouse-type buildings associated with the March AFB (1953-2012).
South	Undeveloped land (1901-1953); agricultural land south of D2 (1961-1978); grassy vacant land followed by existing commercial buildings (1985-2012).
West	A road (I-215) and railroad followed by undeveloped land west of D2 (1901); developed with Camp Haan (1942); March AFB (1953-1967); March Air Force Base, apparent reservoir to the southwest of D2 (1978-2012).

The historical site and surrounding properties operations associated with the former March AFB is further discussed in Section 3.7.

3.2 Site Ownership

Based on information obtained from historical information interview and title commitment documents provided by the client, the current site owner is March Joint Powers Authority and the United States Air Force.

3.3 Historical City Directories

The Haines Criss-Cross Directory city directories used in this study were made available through EDR (selected years reviewed: 1975 through 2011) and were reviewed at approximate five-year intervals, if readily available. The current street address for the site was identified as Three Parcels South of the SR-215 off-ramp at Van Buren Boulevard.

Historical City Directories

Direction	Description
Site	**895 Baucom Avenue Southeast** – No listings (1975-2011). **3430 Bundy Avenue** – No listings (1975-2011).
North	**895 Baucom Avenue Southeast** – No listings (1975-2011). **3430 Bundy Avenue** – No listings (1975-2011).
East	**24100 Cardinal Avenue** – No listings (1975-2011). **16850 Heacock Street** – No listings (1975-2011).
South	**6175 Natwar Lane** – No listings (1975-2011).
West	**Unaddressed Interstate 215 freeway**

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

Terracon reviewed Title Commitment reports provided by the client. Based on a review of the Republic Title of Texas, Inc. dated December 20, December 23, 2015, the current site owner is March Joint Powers Authority, a California joint powers authority.

3.5 Environmental Liens and Activity and Use Limitations

Environmental lien and activity and use limitation records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.6 Interviews Regarding Current and Historical Site Uses

The following individuals were interviewed regarding the current and historical use of the site.

Interviewees

Interviewer	Interviewee/Phone #	Title	Date/Time
Sami Noaman and Jennifer VAN	Mr. Gary Gosliga / 951-656-7000	Owner Representative	April 21, 2016 / 2:00 PM
Sami Noaman	Philip H. Mook, Jr., P.E. / 919-643-1250 X 100	BRAC Program Management/Western Region	March 17, 2016 / Via email

Subsequent to the site reconnaissance, Terracon interviewed Mr. Gary Gosliga, Airport Director at the MIPAA. According to Mr. Gosliga, the site is identified as Parcel D2, located within the March Joint Powers Authority redevelopment jurisdiction. Mr. Gosliga indicated the site was part of the March AFB which has operated since from 1918 through 1993, when the March AFB was selected to be realigned, and subsequently was converted from an active Base to a Reserve Base in April 1996. The site is part of the March JPA redevelopment project which was created to reuse a surplus of approximately 4,400 acres resulted from the realignment of March AFB. Mr. Gosliga indicated that Parcel D2 was historically equipped with diesel USTs that were reportedly removed in 1991. The historical USTs on Parcel D2 are further discussed in Section 3.7. Mr. Gosliga indicated that he was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site remaining areas.

In addition, Terracon contacted Mr. Philip Mook, Jr. with the United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) by email regarding environmental reports associated with Site FT007. Mr. Mook provided access to online databases with records available to date. These records are further discussed below.

3.7 Prior Report Review

Terracon requested the client provide any previous environmental reports and permits they are aware of for the site. Previous reports were provided by the client to Terracon for review.

Based on a review of on-line information of the United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) database, the March Air Force Base (March AFB) encompasses approximately 7,000-acres. Operations at March AFB included primary flying and anti-aircraft training base, a tactical bomber and pursuit training base, and as a Strategic Air Command (SAC) bomber and air-to-air refueling operations base. Historical practices including aircraft and building maintenance, fuel storage, fire training exercises, and landfilling of domestic refuse and industrial materials potentially contributed to environmental contamination. Hazardous waste streams generated at the March AFB included spent degreasers, waste oils and hydraulic fluids, solvents, cleaning compounds, paint strippers and thinners and contaminated jet fuels.

Final Site Closure Report, Removal of Soil from Tank Cavities at Old Aero Club and Building 1305 Sites, prepared by CKY, Inc., dated December 1996.
According to CKY, Inc. one 500-gallon diesel UST and one 1,000-gallon diesel UST, located on the northeastern portion of the site, were removed from the Old Aero Club Site in 1991. CKY reported soil sampling associated with the tank removal activities showed concentrations of TPH (total petroleum hydrocarbons; 561 ppm) and total recoverable petroleum hydrocarbon (TRPH; 254 ppm). A geophysical survey was completed to locate a tank cavity or cavities. The soil excavation area was approximately 15 feet by 30 feet and between 7 feet (west end) and 17 feet (the east end) deep. A total of approximately 550 yd3; approximately 250 yd3 of soil exhibited a slight chemical odor and approximately 300 yd3 of soil was considered “clean.” Soil samples collected from the excavation did not exhibit concentrations of TPH, VOCs or chlorinated pesticides. The excavation was backfilled and compacted excavated soil, clean import fill and aggregate base.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal and State Databases

Database	Description	Radius (miles)	Listings
Federal			
NPL	Environmental Protection Agency (EPA): National Priority List	1.0	1
NPL (Delisted)	EPA: National Priority List (Delisted)	0.5	0
CERCLIS	EPA: Comprehensive Environmental Response, Compensation, and Liability Information System	0.5	1
CERCLIS/ NFRAP	EPA: CERCLIS/No Further Remedial Action Planned	0.5	0
RCRA CORRACTS/ TSD	EPA: Resource Conservation and Recovery Act (RCRA), Corrective Action Report/Treatment, Storage and Disposal	1.0	0
RCRA Non-CORRACTS/ TSD	EPA: RCRA, Non-Corrective Action Report/Treatment, Storage and Disposal	0.5	0
RCRA Generators	EPA: RCRA – Generator	0.1	4
IC / EC	EPA: Site with Institutional Controls/Engineering Controls Site	Site	1 1
ERNS	United States Coast Guard National Response Center: Emergency Response Notification System	Site	0
State/Tribal			
RESPONSE	Department of Toxic Substances Control (DTSC): State Response Sites	1.0	1
ENVIROSTOR	DTSC: EnviroStor Database	1.0	2
CHMIRS	EPA Office of Emergency Services: California Hazardous Material Incident Report System	Site and adjoining	0
CORTESE	EPA Office of Emergency Services: Hazardous Waste & Substances Sites List	0.1	1

Database	Description	Radius (miles)	Listings
HIST CORTESE	EPA Office of Emergency Services: Historical Hazardous Waste & Substances Sites List	0.1	2
HAZNET	EPA: Facility and Manifest Data	Site and Adjoining	0
SWF / LF (SWIS)	California Department of Resources Recycling and Recovery: Solid Waste Information System	0.5	1
LUST	State Water Resources Control Board (SWRCB): Leaking Underground Storage Tank Database	0.5	36
SWEEPS	SWRCB: Statewide Environmental Evaluation and Planning System	0.25	1
HISTUST	SWRCB: Hazardous Substance Storage Container Database	0.25	50
CA FID UST	EPA: Facility Inventory Database Underground Storage Tank	0.25	1
UST/AST	SWRCB: Active Underground Storage Tank Facilities/EPA Aboveground Petroleum Storage Tank Facilities	0.25 0.25	4 0
SLIC	SWRCB: Spills, Leaks, Investigations and Cleanup Cases	0.25	0
DRYCLEANERS	DTSC: Cleaner Facilities	0.25	0
VCP	DTSC: Voluntary Cleanup Program sites	0.5	0
Brownfields	EPA: Brownfield Sites	0.5	0
SWRCY	California Department of Conservation: Recycler Database	Site	0
NPDES	EPA, National Pollutant Discharge Elimination System	Site	0
FINDS	EPA, Facility Index System/Facility Registry System	Site	0
EDR Hist Auto	EDR Exclusive Historic Gas Stations	0.1	0
EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners	0.1	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities within a 500 foot radius. Facilities are listed in order of proximity to the site. Additional discussion for selected facilities follows the summary table.

Listed Facilities

Facility Name And Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
March Air Force Base	East-Adjoining March AFB sites	DOD, NPL, CERCLIS, RCRA-LQG, US ENG CONTROLS, US INST CONTROL, ROD, PRP, FINDS, NY MANIFEST, ECHO, ENVIROSTOR, HIST CAL-Sites, CA BOND EXP.PLAN	FT007 and OU-1 do not represent a REC to the site, based upon distance and gradient.
Amro Fabricating Corp 17101 Heacock Street	East / Down-gradient	RCRA-LQG	No, discussed below
March AFB Alert Facility Building 1305	4,200 feet / East / Down-gradient	LUST, HISTUST	No, discussed in Section 3.7
US Air Force, March Air Reserve Base – OU-1 – Site 13 Tank Truck Spill	5,000 feet / Northeast/ Down-gradient	LUST	Plume migration from OU1 comingling with OU2 plume originating from various source areas east of the site, do not represent a REC, based upon gradient and distance of the plumes from the site.
US Air Force, March Air Reserve Base – OU-1 – Site 10 Flight	5,400 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1- Site 9 Main Oil/Water Separator	5,400 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – Site 18 Engine Test Cell	3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 – Site 29 Fire P	3,000 feet / Northeast / Down-gradient	LUST	
March Air Reserve Base IRP S34 NW Corner of Fueling Facility	3,400 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1-Site 16, East March Sludge Drying Beds	3,000 feet / Northeast / Down-gradient	LUST	

Facility Name And Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
US Air Force, March Air Reserve Base – OU-1 – Site 14 Liquid	4,000 feet / 3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 – Site 31 Solvent Disposal Area	6,000 feet / 3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 Site 8 Flight	7,000 feet / 3,000 feet / Northeast / Down-gradient	LUST	
US Air Force, March Air Reserve Base – OU-1 – Site 34Pritchard Aircraft Fueling System	7,000 feet / North / Cross-gradient	LUST	
US Air Force, March Air Reserve Base – OU-2-B – Site 36 Building	7,200 feet / Northeast / Down-gradient	LUST	Plume migration from OU1 comingling with OU2 plume originating from various source areas northeast of the site, do not represent a REC, based upon gradient and distance of the plumes from the site.
US Air Force, March Air Reserve Base – OU-2A-Site 11 Bulk Fuel Storage	9,300 feet / Northeast / Down-gradient	LUST	

March Air Force Base

March Air Force Base formerly located on the site and surrounding areas was identified in the regulatory databases as DOD, NPL, CERCLIS, RCRA-LQG, US ENG CONTROLS, US INST CONTROL, ROD, PRP, FINDS, NY MANIFEST, ECHO, ENVIROSTOR, HIST CAL-Sites, CA BOND EXP.PLAN databases. Based on a review of information in the on-line United States Air Force Civil Engineer Center – Base Realignment and Closure (BRAC) database, the March Air Force Base (March AFB) encompasses approximately 7,000-acres. Operations at this base included primary flying and anti-aircraft training base, a tactical bomber and pursuit training base, and as a Strategic Air Command (SAC) bomber and air-to-air refueling operations base. Historical practices including aircraft and building maintenance, fuel storage, fire training exercises, and landfilling of domestic refuse and industrial materials. Hazardous waste streams generated at the March AFB included spent degreasers, waste oils and hydraulic fluids, solvents, cleaning compounds, paint strippers and thinners and contaminated jet fuels. Previous Investigations of the March AFB and pertinent documentation pertaining to the existing site were

previously discussed in Section 3.7. Based on the information reviewed and discussed in Sections 3.7 and below the historical March AFB operations associated with the OU-1 unit, and including sites FT007 (Fire Department Training Area 1) and FT0015 (Fire Protection Training Area No. 3) do not represent a REC to the site, based upon distance, gradient, and depth to groundwater in the site vicinity.

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed eight facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the site or adjacent properties. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Riverside County Department of Environmental Health / By fax 951-358-5017	According to Ms. Suzanne Cauffiel with the Riverside County Department of Environmental Health, records were not found for the site.
Department of Toxic Substances Control (DTSC) / by pubreqact@dtsc.ca.gov	According to Ms. Jone Bario with the DTSC, records were found for the site. Access to these records was provided to Terracon via the BRAC online databases system and were previously discussed in Section 3.7.
County of Riverside / Department of Building and Safety and Planning	At the issuance of this report, a response had not been received from the Building Permit / Inspection Department.
South Coast Air Quality Management District (SCAQMD) / http://www3.aqmd.gov/webappl/fim/prog/searchresults.aspx by fax 909-396-3330	The South Coast Air Quality Management District online database (FACILITY Information Detail/FIND) was accessed for records associated with the site on May 17, 2016. Multiple records for the March AFB were identified. These records included active permits fueling stations bulk load tank trucks, bulk load and unload stations, associated with the MIPAA. Indications of RECs were not identified from the records review.
Santa Ana Regional Water Quality Control Board (RWQCB) / by e-mail	According to Ms. Mary Edwards with the Santa Ana RWQCB, records were found for 895 Baucom Avenue SE and are discussed in Section 3.7.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Exhibits 2, 2A, and 2B in Appendix A are Site Diagram and Site Detail of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

General Site Information

Site Reconnaissance	
Field Personnel	Islam (Sami) R. Noaman E.I.T.
Reconnaissance Date	March 17, 2016
Weather Conditions	Sunny 70ºF
Site Contact/Title	Mr. Gary Gosliga / Airport Directors

5.2 Overview of Current Site Occupants and Operations

The site is located in western Riverside County within the MPIAA redevelopment project, and consists of approximately 155 acres with Assessor Parcel Numbers (APNs) 294-150-009, 294-170-005, 295-300-008, and 294-180038, and identified herein as Parcel D2. The site vicinity is under the jurisdiction of the March Joint Powers Authority (JPA), in an unincorporated Riverside County area, California.

Parcel D2 is located east of SR-215 and south of the March Airfield Museum, and consists of primarily undeveloped land covered with native vegetation, paved service roads, abandoned electrical utilities, monitoring wells and pump stations associated with the Western Municipal Water District (WMWD) 96-inches water line improvement.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an “X”) are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	

Category	Item or Feature	Observed or Identified
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Vehicle repair or maintenance	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
	Oil, gas or mineral production	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS or SDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/ PCBs	Transformers and/or capacitors	
	Other equipment	

Category	Item or Feature	Observed or Identified
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	X
	Water Pump Stations	X
	Abandoned electrical utilities	X

Releases or Potential Releases

Construction/demolition debris and/or dumped fill dirt

Construction/demolition debris (Photograph No. 2) was observed on the northern portion of Parcel D2 during the site reconnaissance. The amount of debris was approximately five yd^3. Based upon visual observation of surface materials only, this area appeared to consist primarily of soil, concrete, plastics sheet, and trees, and did not appear to be hazardous in nature. This area is accessed by service road and unpaved area from the western portion of Parcel D2. Leakage, spills or other releases from these materials were not observed during the visual reconnaissance. The observed demolition and soil debris does not represent a REC to the site.

Dumped fill dirt was observed northern portion of Parcel D2 (Photograph No. 1) during the site reconnaissance. The amount of dirt was approximately 30 yd^3. Based upon visual surface observations, no materials appeared within this dumped dirt. According to Mr. Gosliga, the dumped fill is associated with excavations of the WMWD 96-inches water pipe project extending from west of the I-215 Freeway across Parcel D2. This area is accessed by asphalt-paved service road on the western portion of Parcel D2. Notable odors were not apparent from this area at the time of the site reconnaissance.

Other Notable Site Features

Wells

Three groundwater monitoring wells including one piezometers (Cone Penetrating Testing) used for geotechnical investigation, one groundwater monitoring well associated with WMWD, and the third is associated with 499 monitoring wells located east of SR-215, part of the March AFB groundwater monitoring network, were observed on Parcel D2 (Photographs No. 8 and 13). Based on a review of client-provided information, the observed wells on Parcel D2 do not represent a REC to the site.

Water Pump Stations

During the site reconnaissance, six water pump stations (Photographs 3, 4, and 5) were observed on the northern, southern, and western portions of Parcel D2. According to Mr. Gosliga, these stations are part of the 96-inches water main installed across the site in approximately 2013, part of the Perris valley pipeline, located along the western portion of parcel D2. Based on the site observations, the observed pump stations do not represent a REC to the site.

Abandoned electrical utilities

During the site reconnaissance, abandoned electrical utilities and a utility vault (photographs 9, 10, 11, and 12) were observed on northeastern portion of Parcel D2. According to Mr. Gosliga, these utilities are associated with the Old Aero Club USTs removed in 1991. As discussed in Section 3.7, the former USTs do not represent a REC to the site.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	The north adjoining properties consist of the March ARB and the March Air Field Museum (22550 Van Buren Blvd.).
East	The east-adjoining property to the site consists of the March ARB runways and undeveloped land.
South	Undeveloped land abuts Parcels D2 to the south followed by Western Way Recycling (6175 Natwar Ln.)
West	The Armed Forces Freeway abuts the site to the west followed by the Riverside National Cemetery (22495 Van Buren Blvd.). RECs were or were not observed with the adjoining properties.

RECs *were not* observed with the adjoining properties.

7.0 ADDITIONAL SERVICES

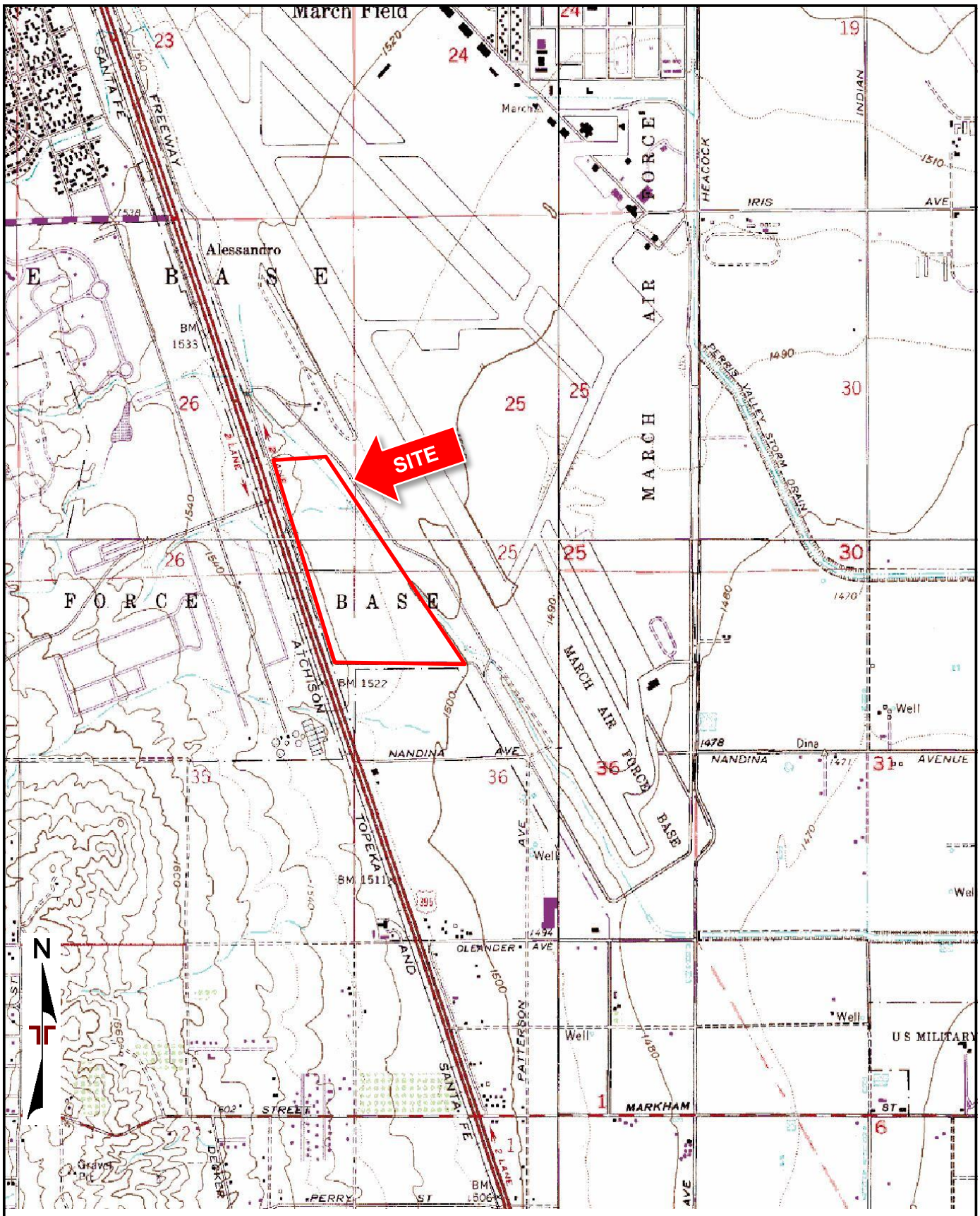
Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

8.0 DECLARATION

I, Islam (Sami) R. Noaman, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Islam (Sami) R. Noaman, E.I.T.
Environmental Group Manager
Environmental Professional

APPENDIX A
EXHIBIT 1 – TOPOGRAPHIC MAP
EXHIBIT 2 – SITE DIAGRAM



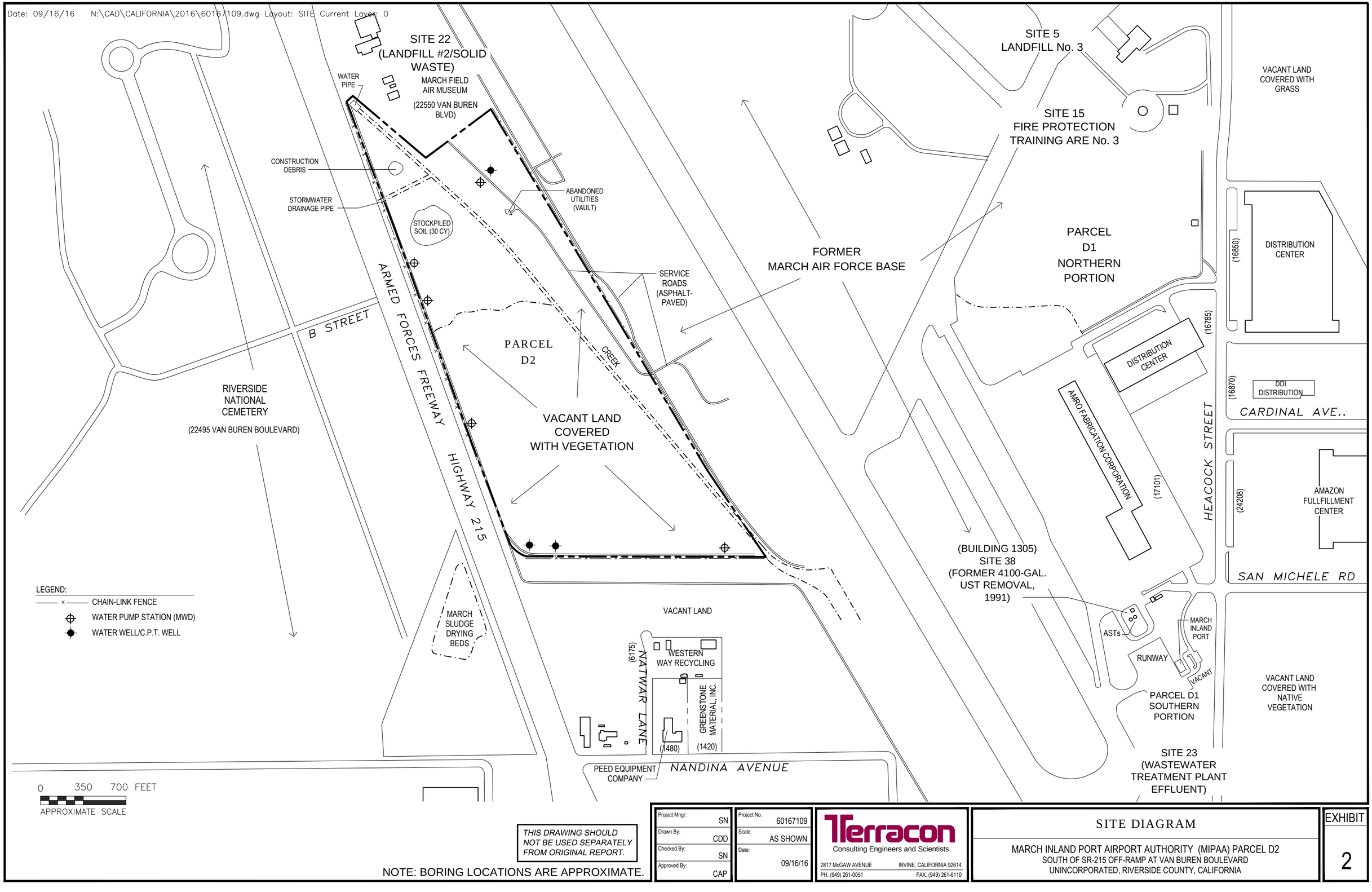
TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
QUADRANGLES INCLUDE: RIVERSIDE EAST, CA (1/1/1980), SUNNYMEAD, CA (1/1/1980), STEELE PEAK, CA (1/1/1978) and PERRIS, CA (1/1/1979).

Project Manager: IRN	Project No. 60167109	Terracon 2817 McGaw Avenue Irvine, CA 92614-5835	TOPOGRAPHIC MAP March Inland Port Airport (MIPAA) Parcel D2 SR-215 AND VAN BUREN BOULEVARD RIVERSIDE, RIVERSIDE COUNTY, CALIFORNIA
Drawn by: CLD	Scale: 1"=2,000'		
Checked by: IRN	File Name: N/A		
Approved by: CAP	Date: SEP 2016		

Exhibit

1

Date: 09/16/16 N:\CAD\CALIFORNIA\2016\60167109.dwg Layout: SITE Current Layer: 0



THIS DRAWING SHOULD NOT BE USED SEPARATELY FROM ORIGINAL REPORT.

NOTE: BORING LOCATIONS ARE APPROXIMATE.

Project Mngr:	SN
Drawn By:	CDD
Checked By:	SN
Approved By:	CAP
Project No.	60167109
Scale:	AS SHOWN
Date:	09/16/16

Terracon
Consulting Engineers and Scientists
2817 McGAW AVENUE IRVINE, CALIFORNIA 92614
PH. (949) 261-0051 FAX. (949) 261-6110

SITE DIAGRAM

MARCH INLAND PORT AIRPORT AUTHORITY (MIPAA) PARCEL D2
SOUTH OF SR-215 OFF-RAMP AT VAN BUREN BOULEVARD
UNINCORPORATED, RIVERSIDE COUNTY, CALIFORNIA

EXHIBIT 2

APPENDIX B
SITE PHOTOGRAPHS

Photo #1 View of stockpiled soils associated with excavations of the WMWD 96" water line extending from west side of the I-215 Freeway across Parcel D2.

Photo #2 View of construction debris located on the northern portion of Parcel D2.

Photo #3 View of stormwater pump station associated Perris Valley Pipeline, located along the western portion of Parcel D2.

Photo #4 Additional view of the pump station system at Parcel D2.

Photo #5 View of Parcel D2 looking west.

Photo #6 View of 96-inches water line WMWD improvement located on the northern portion of parcel D2.

Photo #7 View of stormwater drainage system located on the northeastern portion of Parcel D2.

Photo #8 View of monitoring well located on the northeastern portion of Parcel D2.

Photo #9 View of electrical utilities associated with utilities and electrical

Photo #10 View of abandoned utility vault located on the eastern portion of Parcel D2.

Photo #11 Additional view of abandoned utility pads looking west on Parcel D2.

Photo #12 Additional view of abandoned utilities on the eastern portion of Parcel D2.

Photo #13 View of CPT well located on the southern portion of Parcel D2.

Photo #14 Typical view of the northern portion of Parcel D2 looking west.

Photo #15 View of creek located on the central-north portion of Parcel D2.

Photo #16 Typical view of Parcel D2 looking south.

Photo #17 View of drainage pipes located along the northern boundary of Parcel D2.

Photo #18 View of service road along the western portion of Parcel D2 looking south.

Photo #19 View of service road along the western portion of Parcel D2 looking north.

Photo #20 Typical view of Parcel D2 looking east.

Photo #21 Additional view of Parcel D2 looking east.

Photo #22 View of service road along the eastern portion of Parcel D2 looking north.

Photo #23 View of service road along the eastern portion of Parcel D2 looking south.

Photo #24 View of ravine running across the central-east portion of Parcel D2.

Photo #25 View of Parcel D2 looking southwest.

Photo #26 View of service road extending east of Parcel D2.

Photo #27 Additional view of Parcel D2 looking south.

Photo #28 Additional view of Parcel D2 standing on the southern portion, looking north.

Photo #29 View of the southern portion of Parcel D2 looking east.

Photo #30 View of the southern portion of Parcel D2 looking west.

APPENDIX C
HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE

Van Buren Boulevard/215

Van Buren Boulevard/215

March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.4

March 09, 2016

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/09/16

Site Name:
Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 925
EDR Inquiry # 4559570.4

Client Name:
Terracon
2817 McGraw Ave
Irvine, CA 92606
Contact: Jennifer Van

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Site Name:	Van Buren Boulevard/215
Address:	Van Buren Boulevard/215
City,State,Zip:	March Air Reserve Ba, CA 925
P.O.#	NA
Project:	60167109

Coordinates:

Latitude:	33.874288 33° 52' 27" North
Longitude:	-117.255402 -117° 15' 19" West
UTM Zone:	Zone 11 North
UTM X Meters:	476379.46
UTM Y Meters:	3748246.77
Elevation:	1502.31' above sea level

Maps Provided:

2012
1979, 1980
1973
1967
1953
1942
1901

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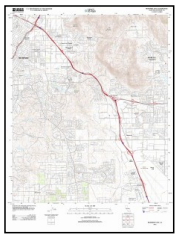
Topo Sheet Thumbnails

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Riverside East
2012
7.5-minute, 24000

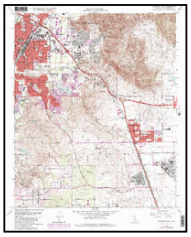
Perris
2012
7.5-minute, 24000

Steele Peak
2012
7.5-minute, 24000

Sunnymead
2012
7.5-minute, 24000

1979, 1980 Source Sheets

Perris
1979
7.5-minute, 24000
Photo Revised 1979
Aerial Photo Revised 1978



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1980
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Photo Revised 1980
Aerial Photo Revised 1978

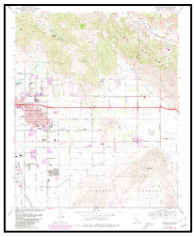

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Photo Revised 1980
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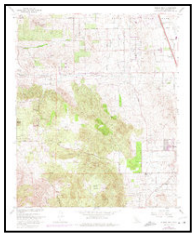
1973 Source Sheets



Steele Peak
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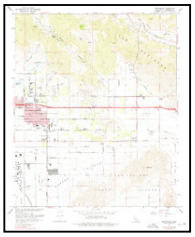
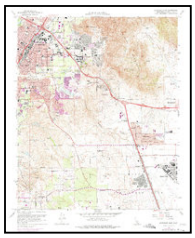
Photo Revised 1973
Aerial Photo Revised 1973

Perris
1973
7.5-minute, 24000
Photo Revised 1973
Aerial Photo Revised 1973

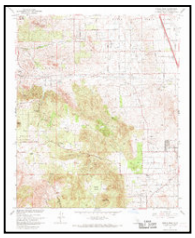


Sunnymead
1973
7.5-minute, 24000
Photo Inspected 1973
Aerial Photo Revised 1973

1967 Source Sheets



Riverside East
1967
7.5-minute, 24000
Aerial Photo Revised 1966



Steele Peak
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Sunnymead
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Perris
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Thumbnails

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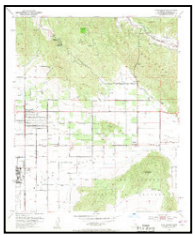
7.5-minute, 24000
Aerial Photo Revised 1951



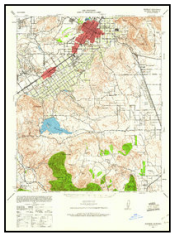
Sunnymead
1953
7.5-minute, 24000
Aerial Photo Revised 1951

Steele Peak
1953
7.5-minute, 24000
Aerial Photo Revised 1951

Riverside East
1953
7.5-minute, 24000
Aerial Photo Revised 1951

1942 Source Sheets

Perris
1942
15-minute, 62500
Aerial Photo Revised 1939



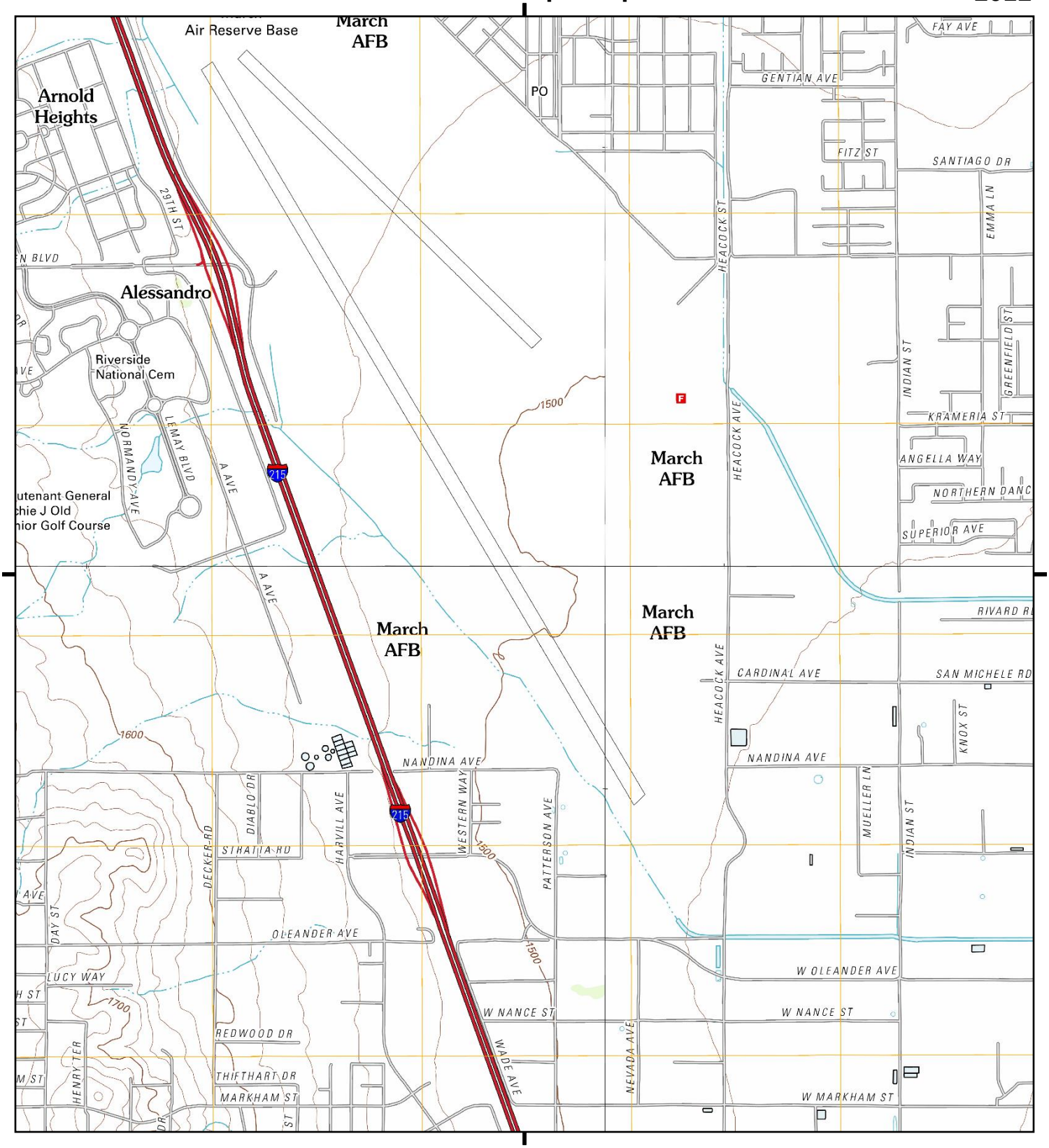
Riverside
1942
15-minute, 62500
Aerial Photo Revised 1939

1901 Source Sheets

Riverside
1901
15-minute, 62500

Historical Topo Map

2012



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NW N NE
W E
SW S SE

TP, Steele Peak, 2012, 7.5-minute

NE, Sunnymead, 2012, 7.5-minute

SE, Perris, 2012, 7.5-minute

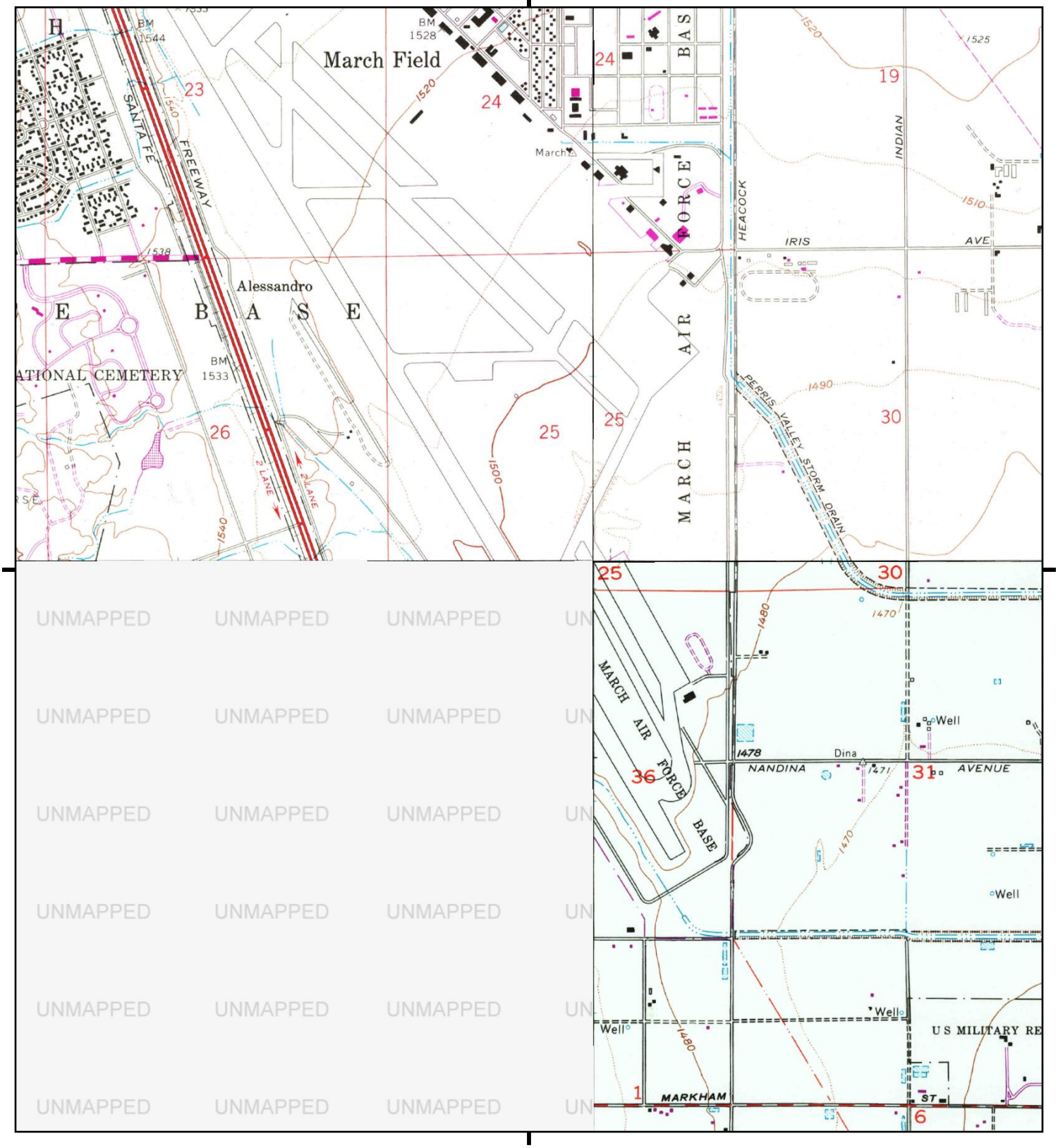
NW, Riverside East, 2012, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1979, 1980



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W E
SW S SE

NE, Sunnymead, 1980, 7.5-minute

SE, Perris, 1979, 7.5-minute

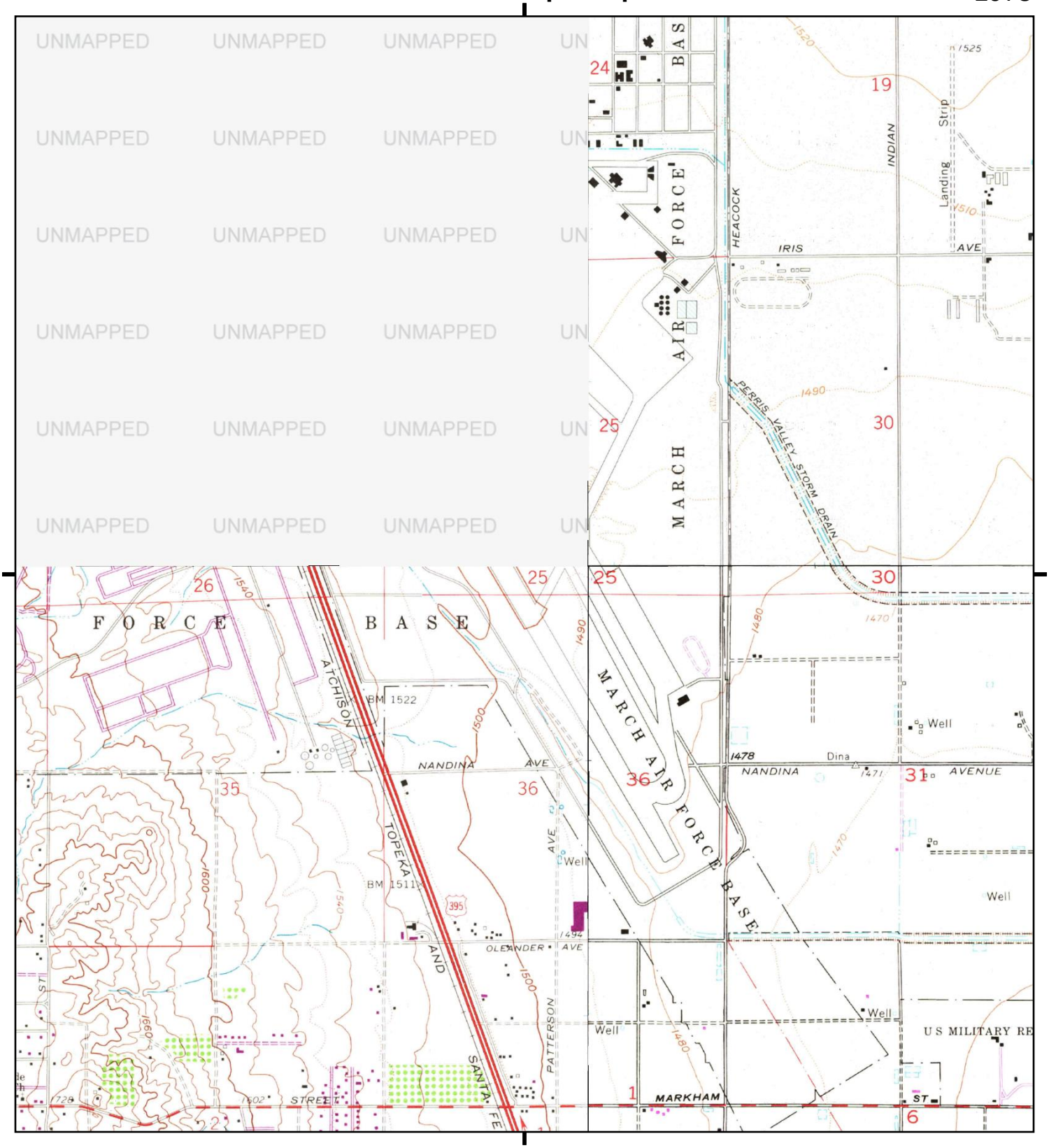
NW, Riverside East, 1980, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1973



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W E
SW S SE

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NE, Sunnymead, 1973, 7.5-minute

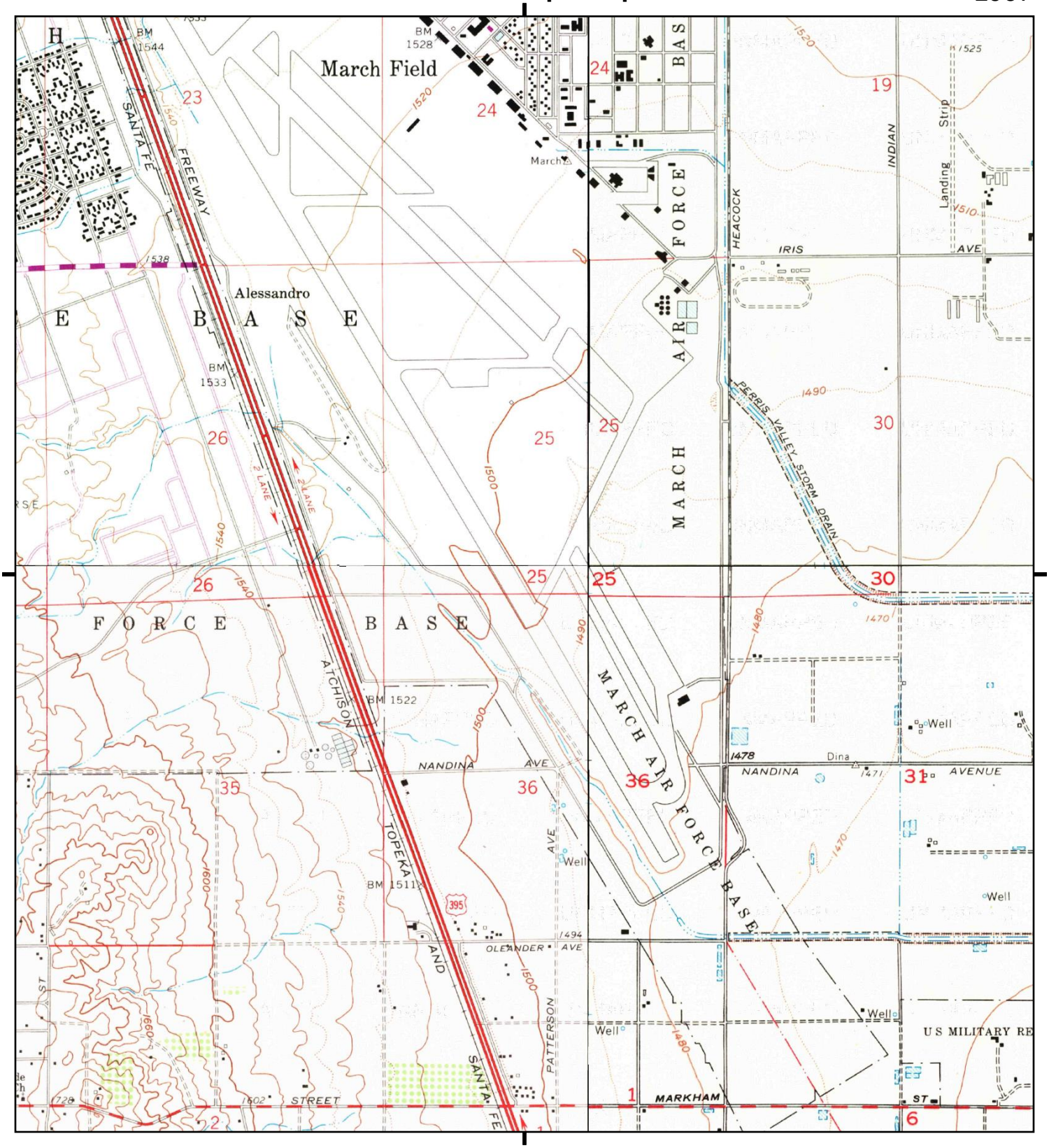
SE, Perris, 1973, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1967



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SW S SE

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NE, Sunnymead, 1967, 7.5-minute

SE, Perris, 1967, 7.5-minute

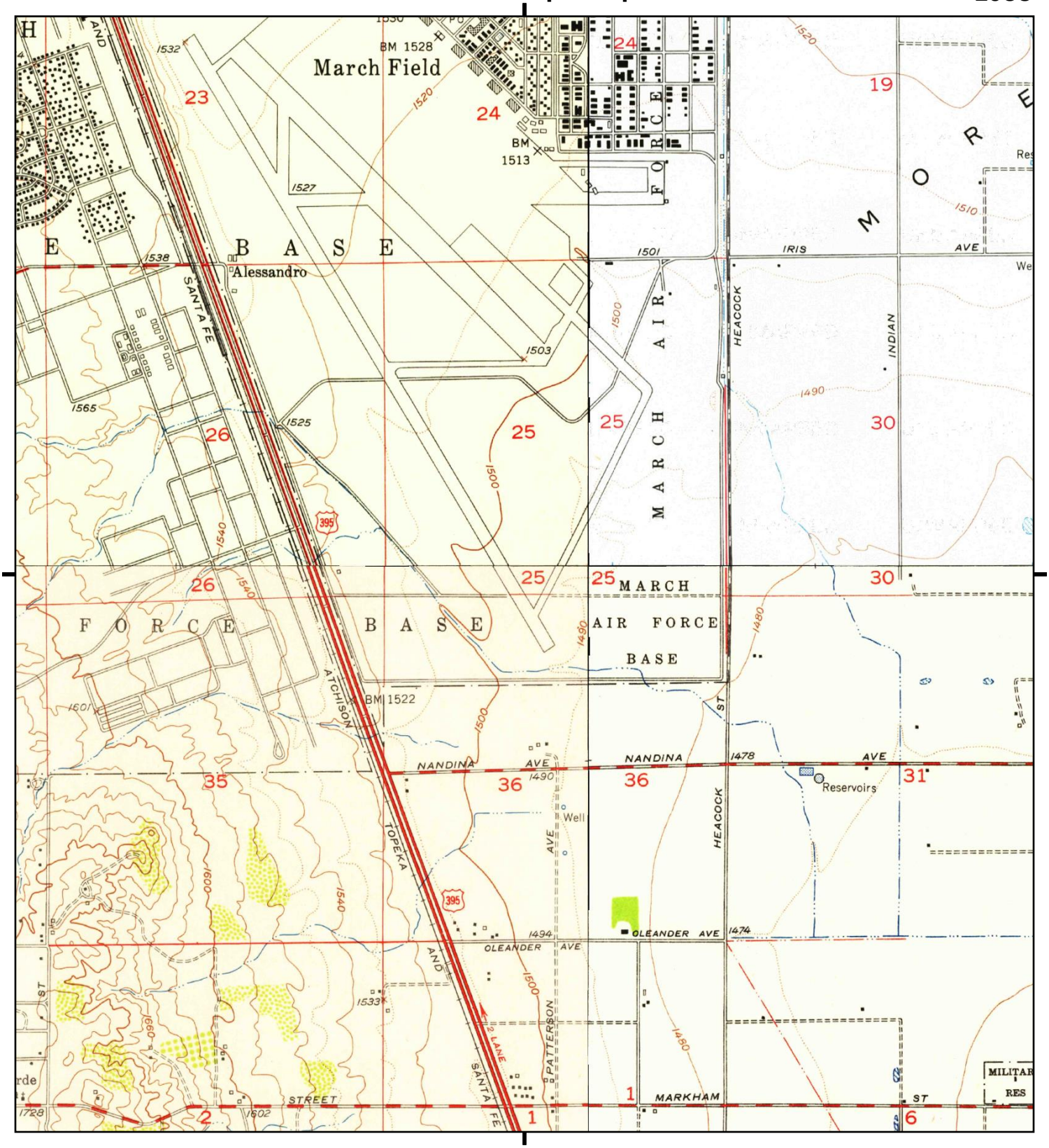
NW, Riverside East, 1967, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1953



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W E
SW S SE

TP, Steele Peak, 1953, 7.5-minute

NE, Sunnymead, 1953, 7.5-minute

SE, Perris, 1953, 7.5-minute

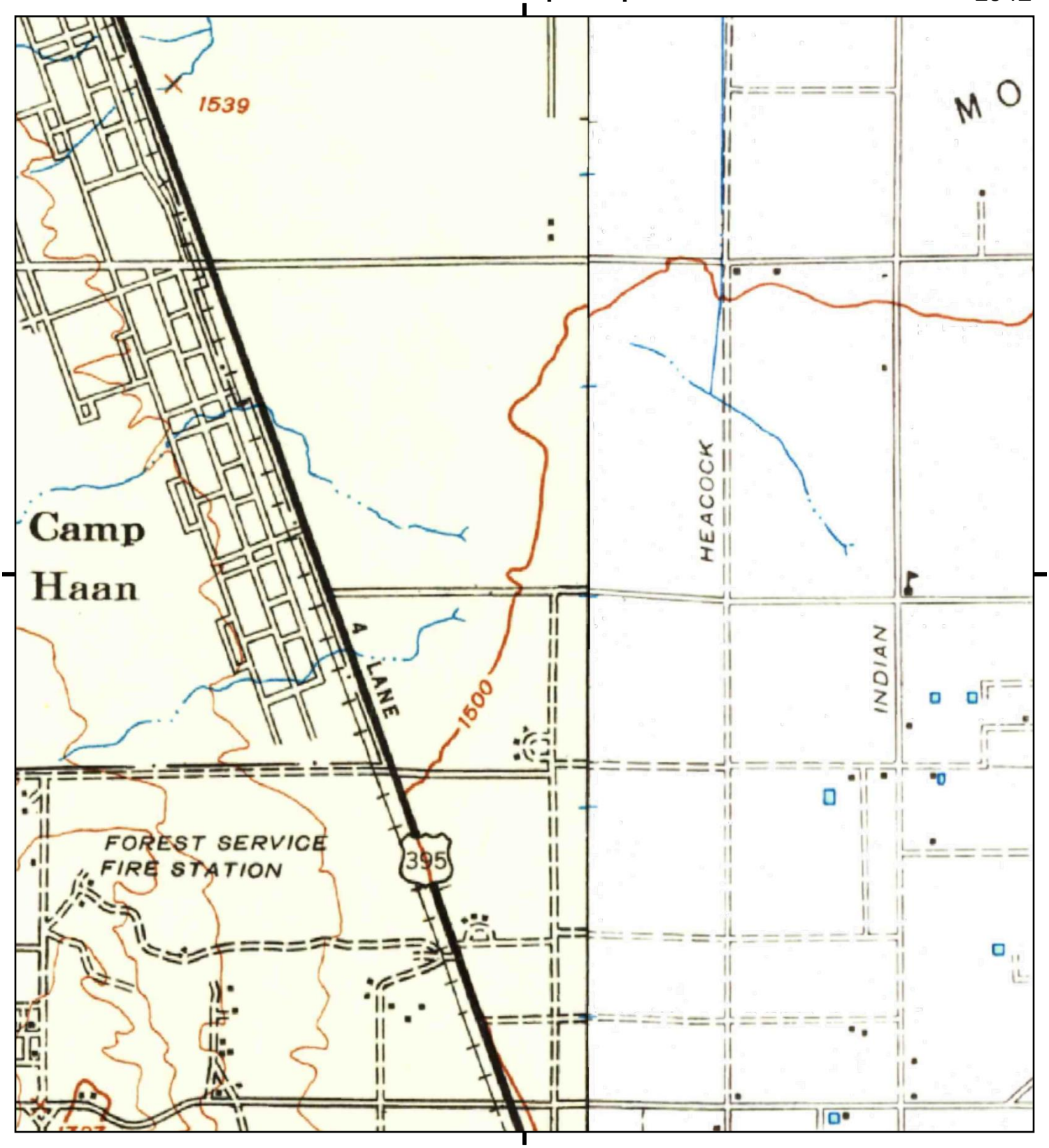
NW, Riverside East, 1953, 7.5-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1942



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Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Riverside, 1942, 15-minute

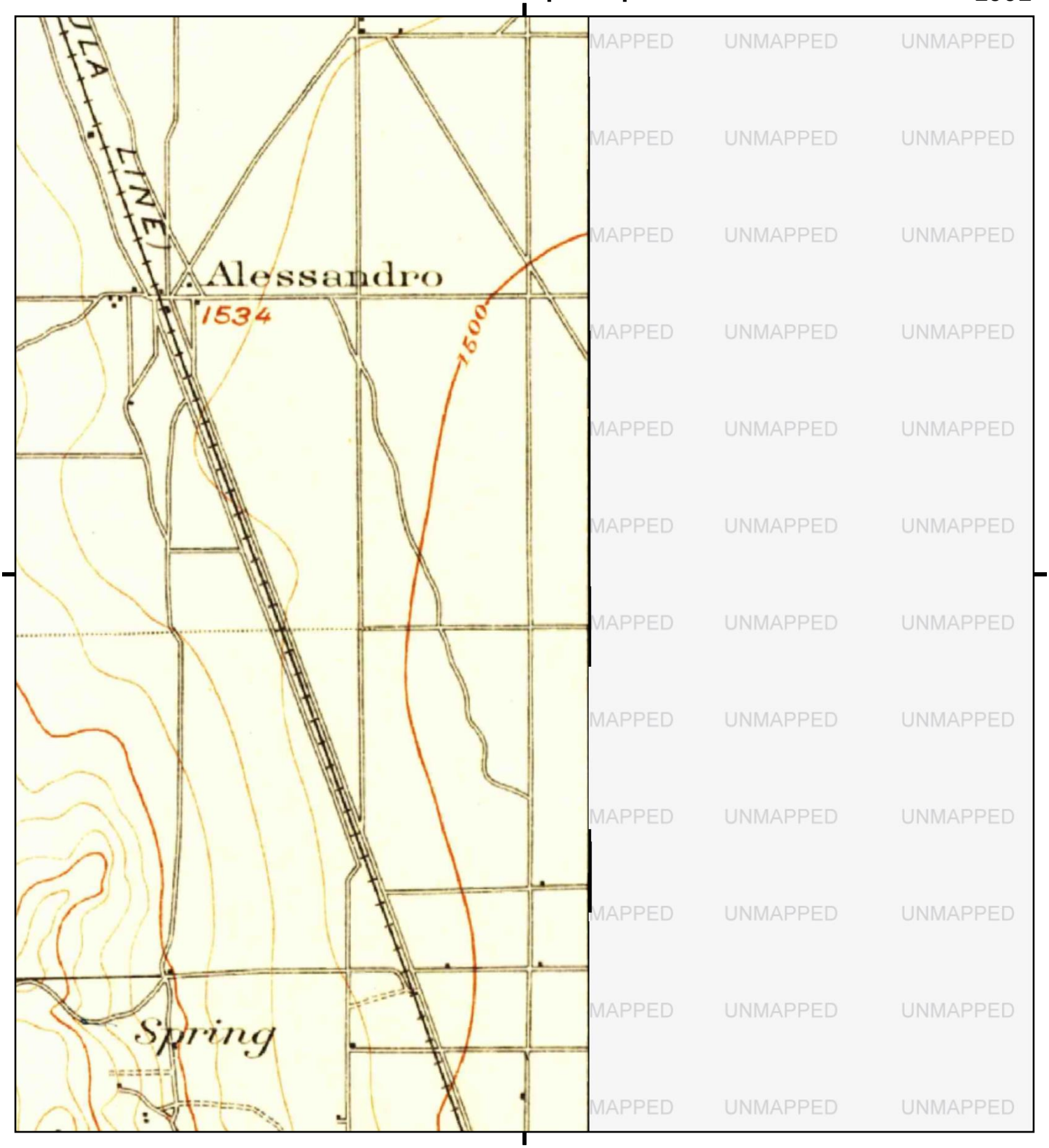
E, Perris, 1942, 15-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Historical Topo Map

1901



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Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Riverside, 1901, 15-minute

SITE NAME: Van Buren Boulevard/215
ADDRESS: Van Buren Boulevard/215
March Air Reserve Ba, CA 92518
CLIENT: Terracon

N

Van Buren Boulevard/215

Van Buren Boulevard/215

March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.9

March 15, 2016

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

03/15/16

Site Name:

Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 925
EDR Inquiry # 4559570.9

Client Name:

Terracon
2817 McGraw Ave
Irvine, CA 92606
Contact: Jennifer Van

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Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June, 01 1994	USGS/DOQQ
1985	1"=1000'	Flight Date: January, 01 1985	USGS
1978	1"=1000'	Flight Date: January, 01 1978	USGS
1967	1"=1000'	Flight Date: January, 01 1967	USGS
1961	1"=1000'	Flight Date: January, 01 1961	USGS
1953	1"=1000'	Flight Date: January, 01 1953	USGS
1949	1"=1000'	Flight Date: January, 01 1949	USGS
1938	1"=1000'	Flight Date: January, 01 1938	USGS

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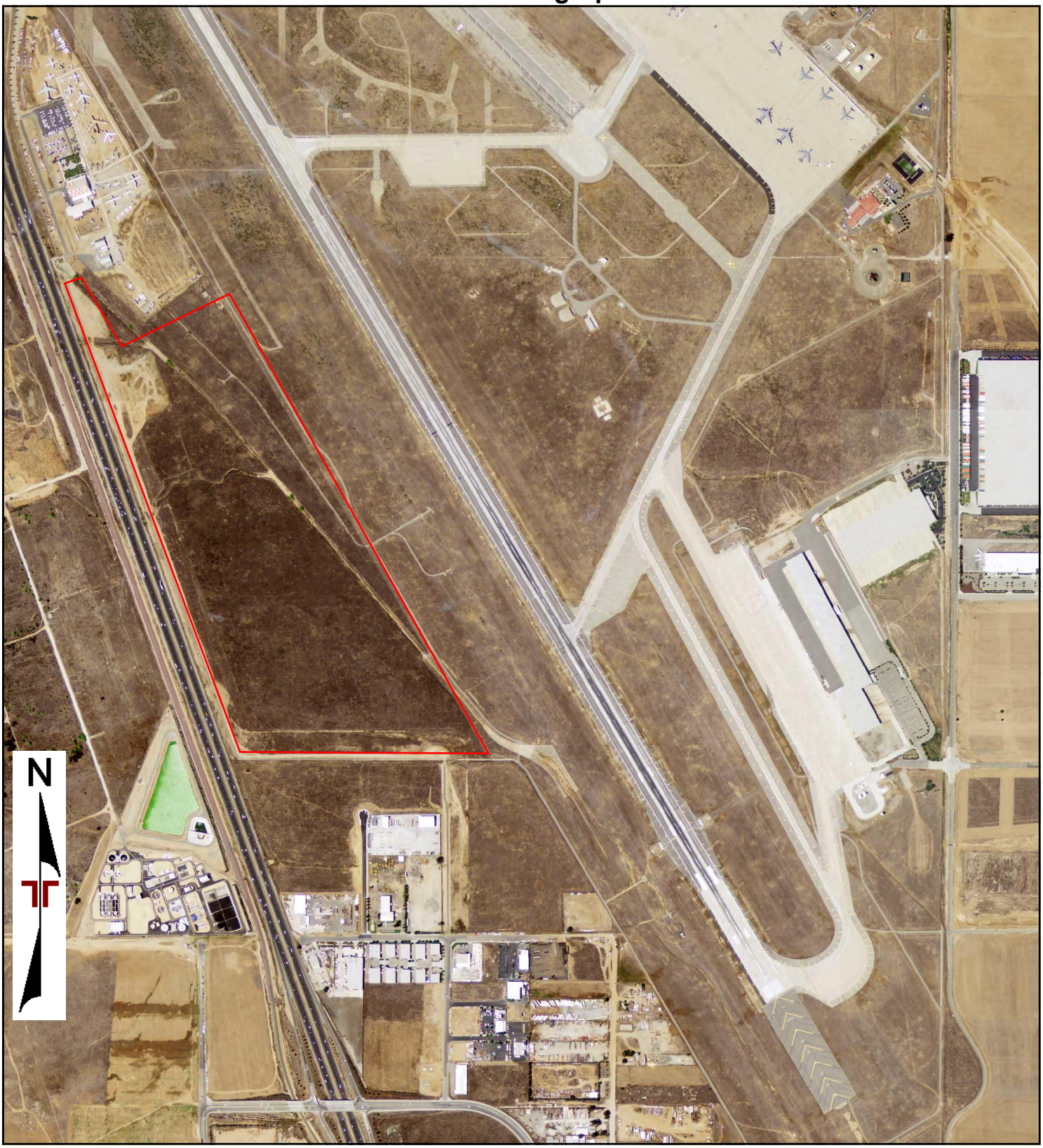

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Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2012

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2012 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2010

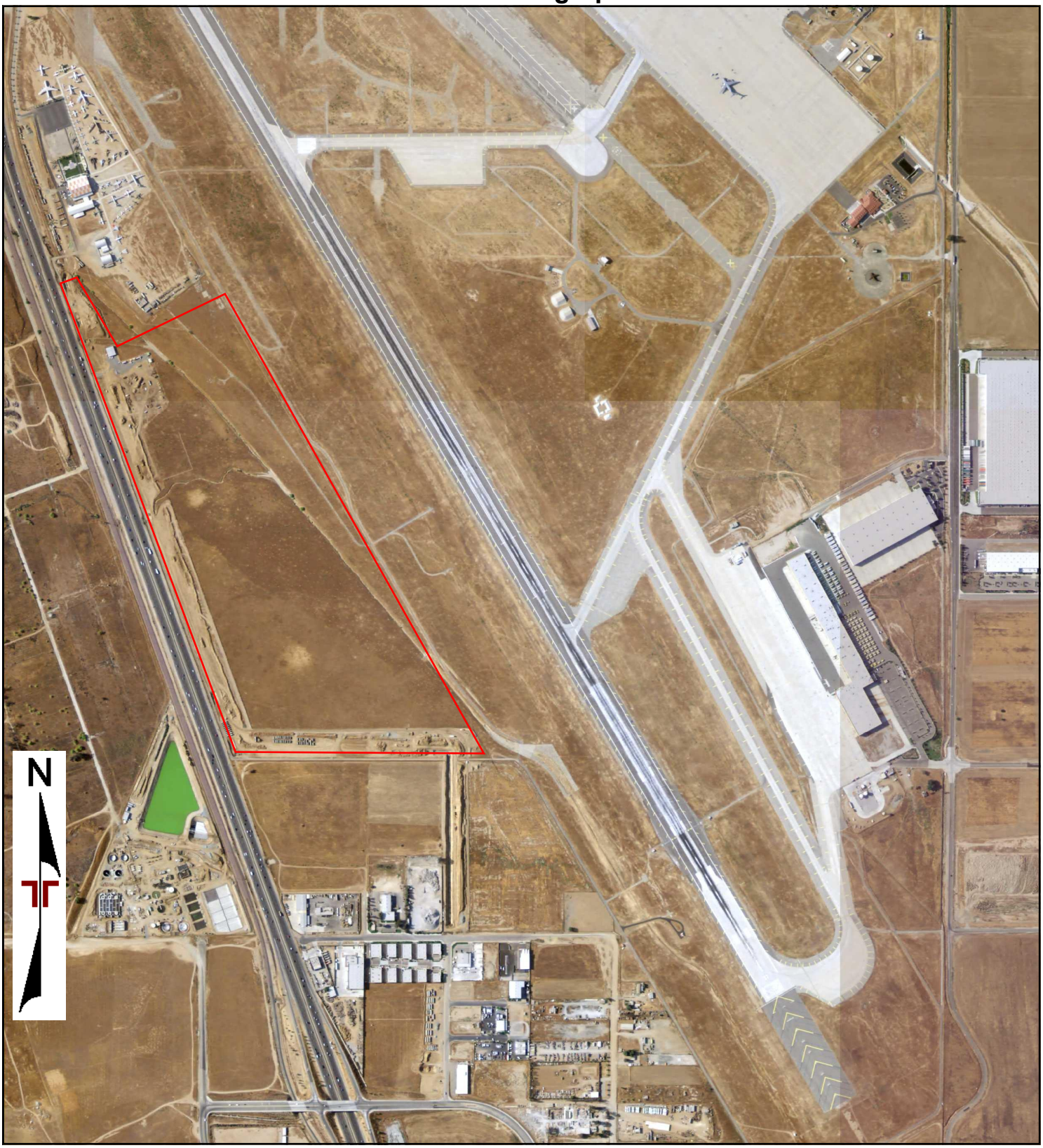
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2010 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=500'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 2009

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2009 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2005

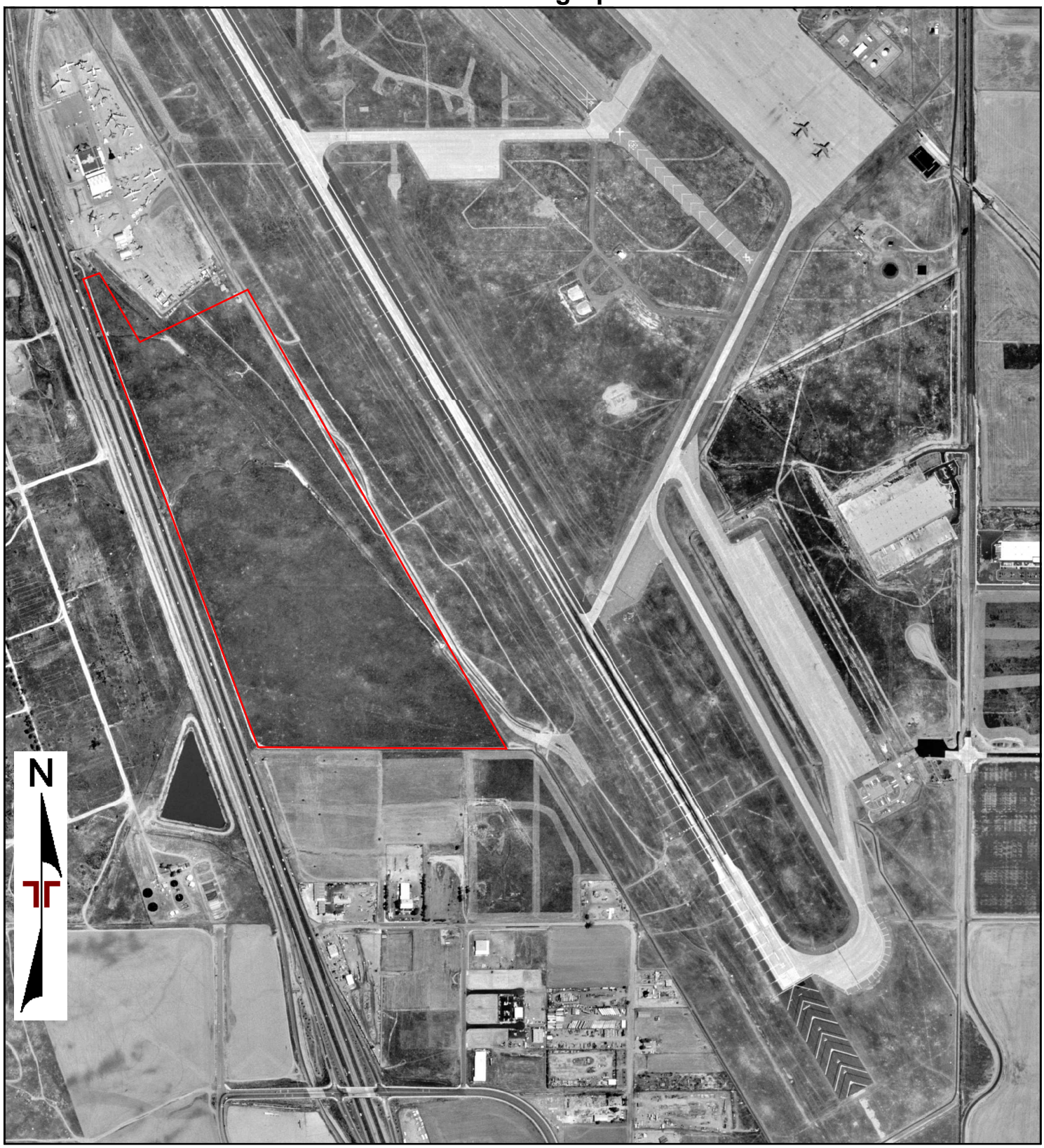
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2005 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=500'
File Name:	N/A
Date:	2002

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

2002 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=500'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 1994

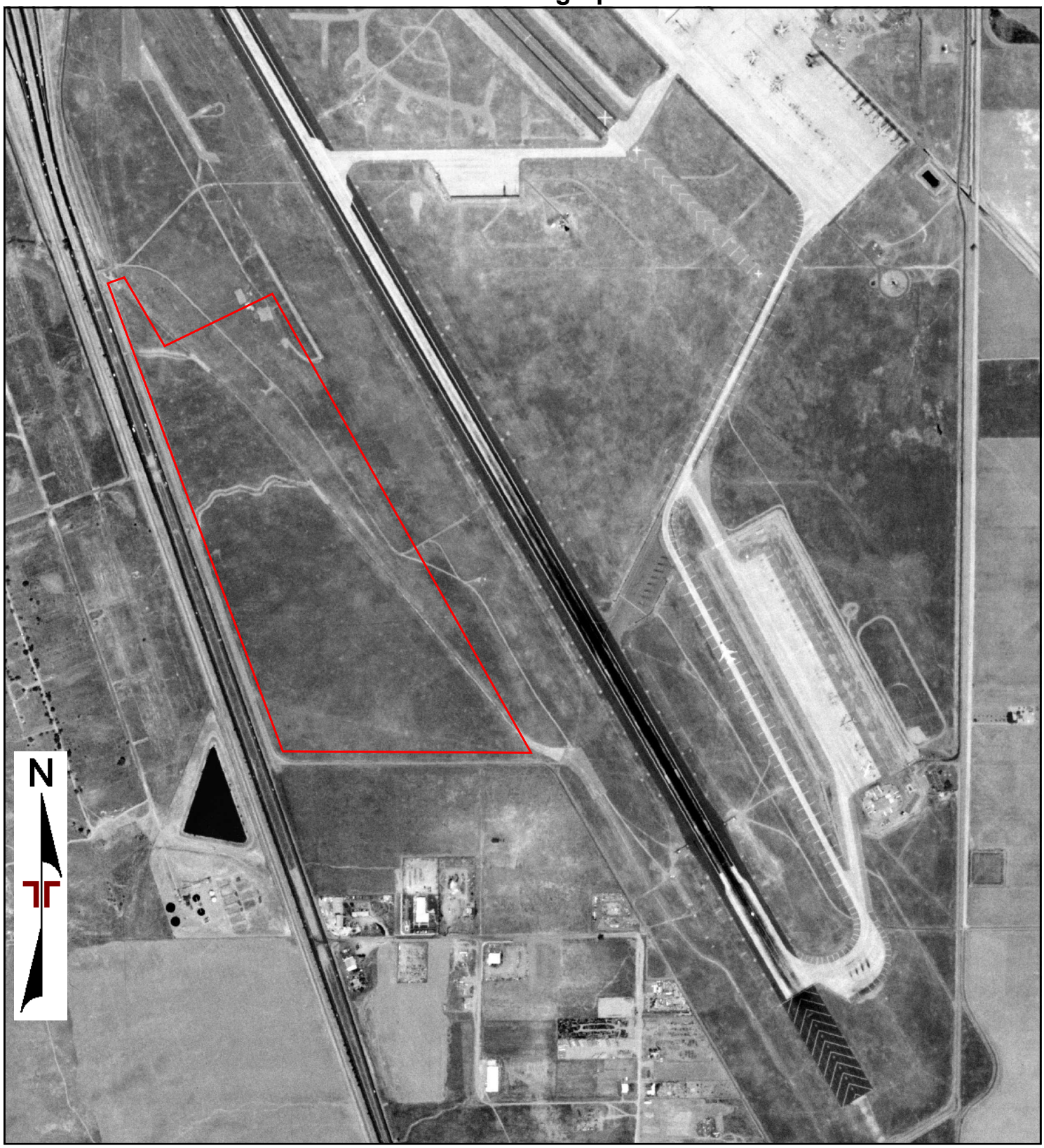
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1994 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



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Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1985

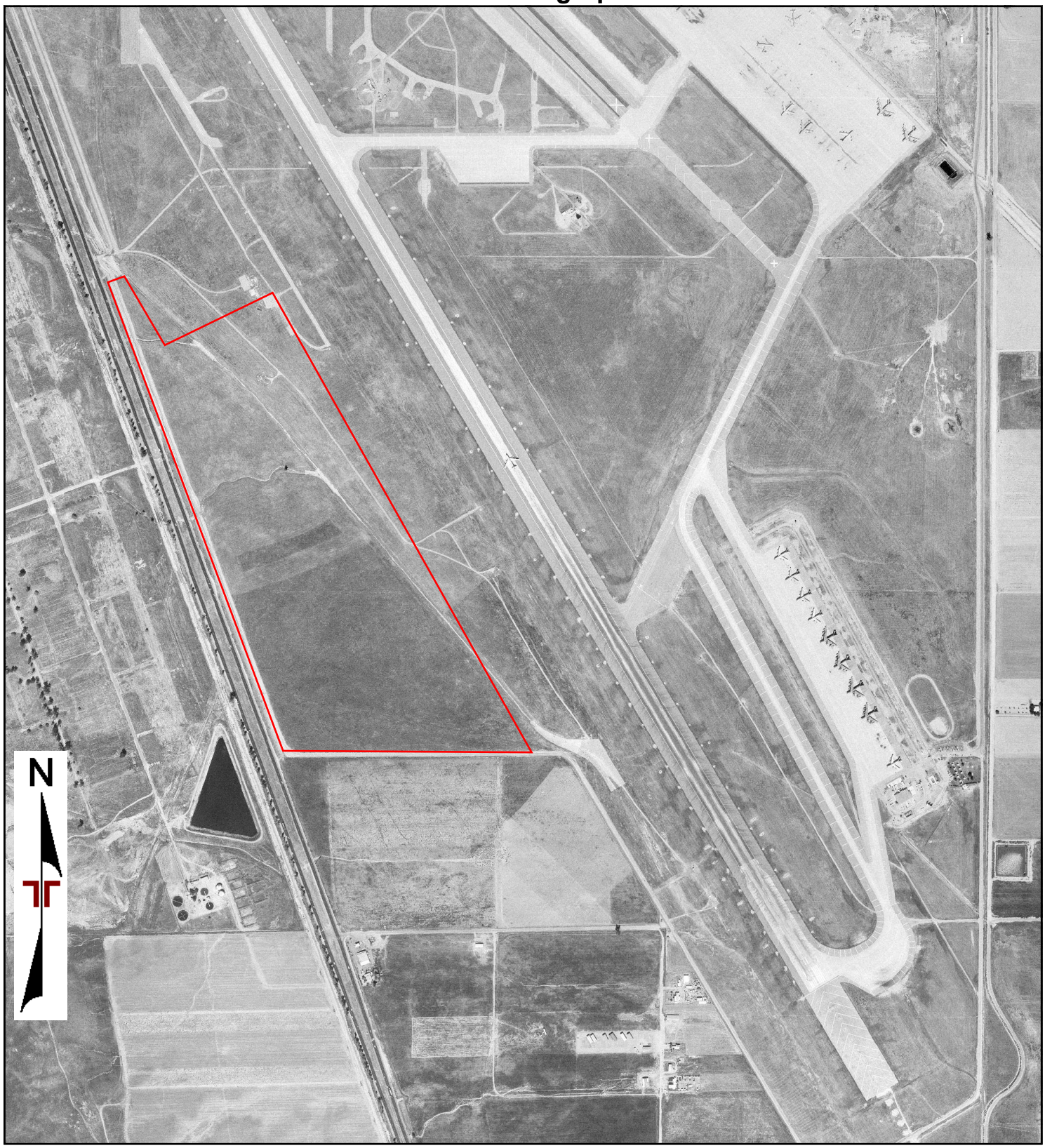
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1985 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1978

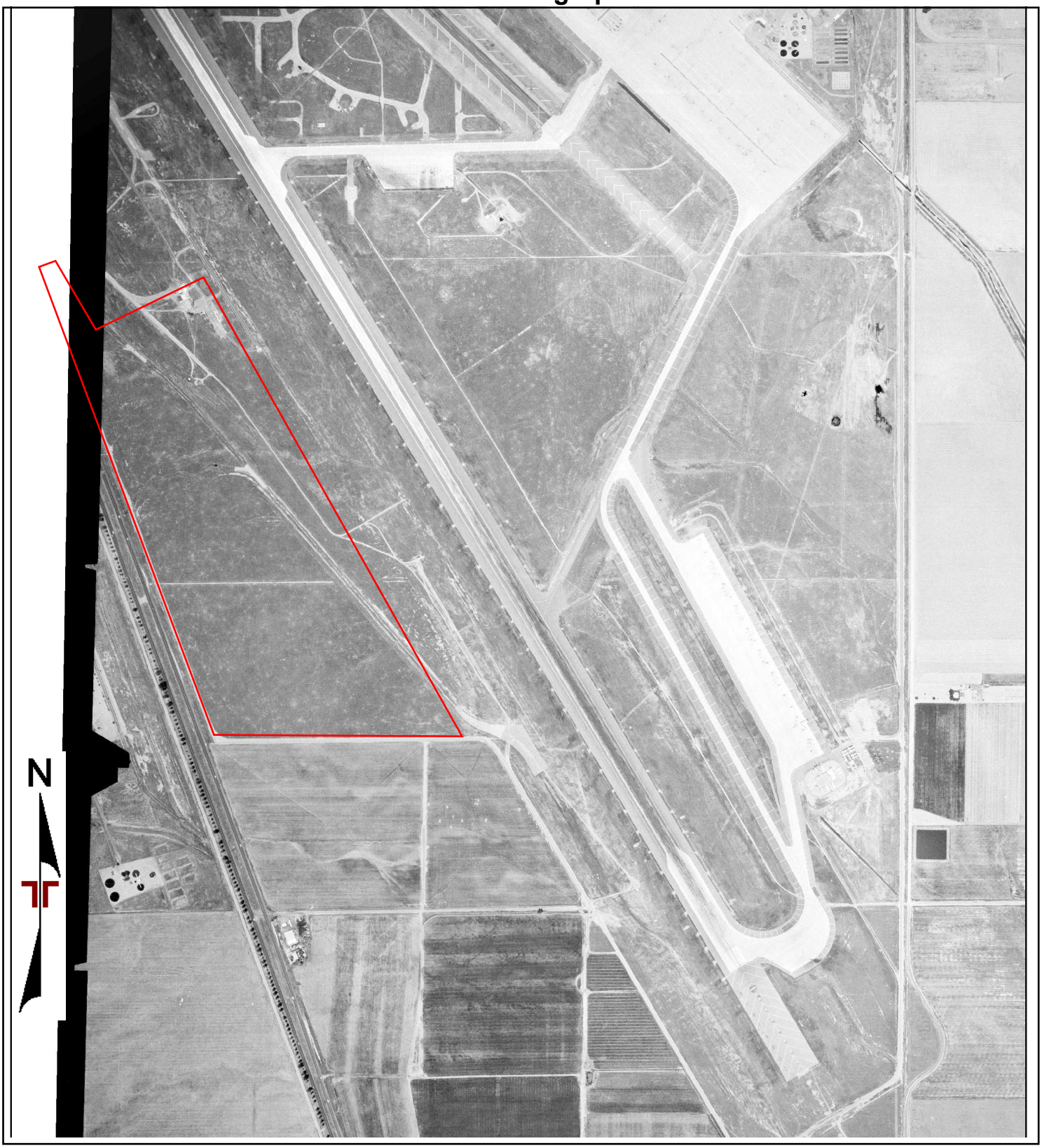
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1978 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=1000'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 1967

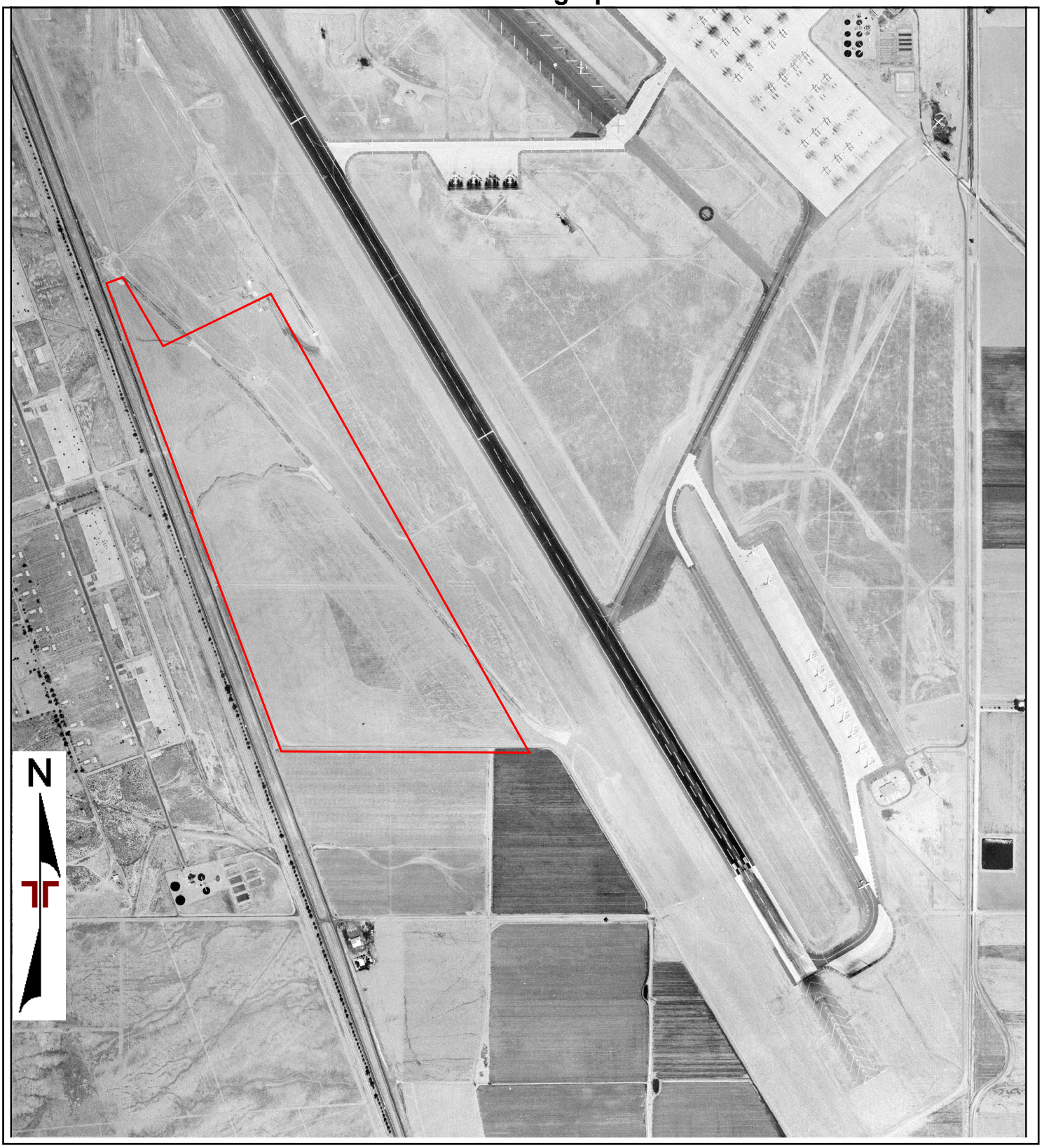
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1967 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

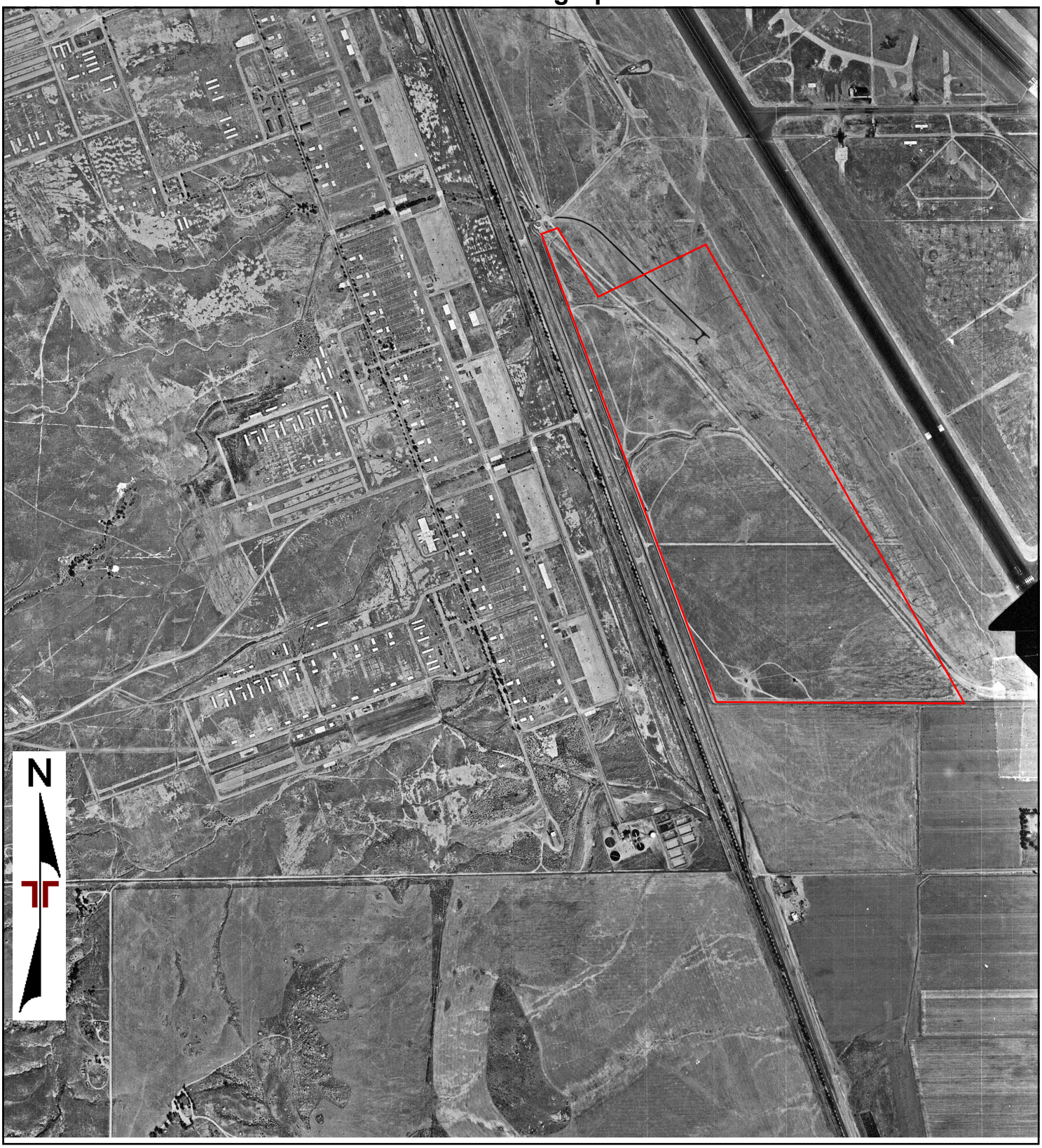
Project Manager: IRN	Project No. 60167109
Drawn by: IRN	Scale: 1"=1000'
Checked by: CAP	File Name: N/A
Approved by: CAP	Date: 1961

Terracon
2817 MCGAW AVENUE
IRVINE, CA 92614

1961 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1953

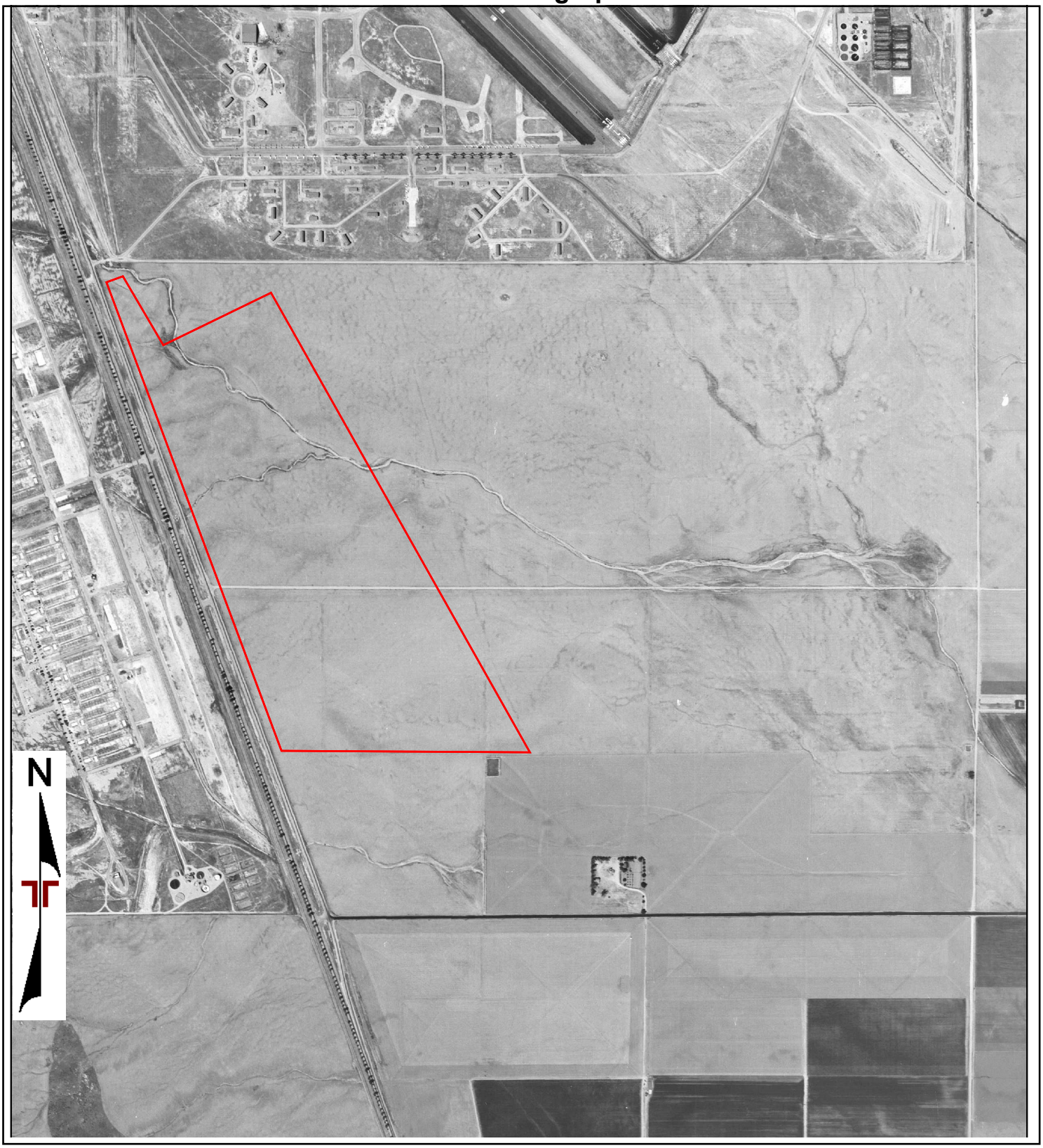
Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1953 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518



0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1949

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1949 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

0 Feet 1000 2000 4000 8000

Project Manager:	IRN
Drawn by:	IRN
Checked by:	CAP
Approved by:	CAP

Project No.	60167109
Scale:	1"=1000'
File Name:	N/A
Date:	1938

Terracon

2817 MCGAW AVENUE
IRVINE, CA 92614

1938 AERIAL PHOTOGRAPH

Van Buren Boulevard/215

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.3
March 09, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/09/16

Site Name:
Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA

Client Name:
Terracon
2817 McGraw Ave
Irvine, CA 92606

EDR Inquiry # 4559570.3

Contact: Jennifer Van

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Van Buren Boulevard/215
Address: Van Buren Boulevard/215
City, State, Zip: March Air Reserve Ba, CA 92518
Cross Street:
P.O. # NA
Project: 60167109
Certification # 2C8F-4CEC-8157

UNMAPPED PROPERTY

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

Sanborn® Library search results
Certification # 2C8F-4CEC-8157

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.5
March 14, 2016

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2011	Haines Criss-Cross Directory	X	X	X	-
2005	Haines Criss-Cross Directory	X	X	X	-
2000	Haines Criss-Cross Directory	X	-	X	-
1995	Haines Criss-Cross Directory	X	-	X	-
1990	Haines Criss-Cross Directory	X	-	X	-
1985	Haines Criss-Cross Directory	X	-	X	-
1980	Haines Criss-Cross Directory	X	-	X	-
1975	Haines Criss-Cross Directory	X	-	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
24100 Cardinal Avenue	Client Entered	
16850 Heacock Street	Client Entered	
16875 Heacock Street	Client Entered	X
17101 Heacock Street	Client Entered	
24208 San Michele Road	Client Entered	
895 Southeast Baucom Avenue	Client Entered	
22495 Van Buren Boulevard	Client Entered	X
22550 Van Buren Boulevard	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

FINDINGS DETAIL

Target Property research detail.

Van Buren Boulevard

Van Buren Boulevard

Year	*Uses*	*Source*
2011	NA	Haines Criss-Cross Directory
2005	NA	Haines Criss-Cross Directory
2000	NA	Haines Criss-Cross Directory
1995	NA	Haines Criss-Cross Directory
1990	NA	Haines Criss-Cross Directory
1985	NA	Haines Criss-Cross Directory
1980	NA	Haines Criss-Cross Directory
1975	NA	Haines Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Heacock Street

16875 Heacock Street

Year	*Uses*	*Source*
2011	Ryder Truck Rental	Haines Criss-Cross Directory

Van Buren Boulevard

22495 Van Buren Boulevard

Year	*Uses*	*Source*
2011	US Riverside National Cemetery	Haines Criss-Cross Directory
2005	US VA Affairs	Haines Criss-Cross Directory
	US VA Cemetery	Haines Criss-Cross Directory

22550 Van Buren Boulevard

Year	*Uses*	*Source*
2011	No Return	Haines Criss-Cross Directory
2005	No Return	Haines Criss-Cross Directory

FINDINGS

STREET NOT IDENTIFIED IN RESEARCH SOURCE

The following Streets were researched for this report, and the Streets were not identified in the research source.

Street Researched	Street Not Identified in Research Source
Cardinal Avenue	2011, 2005, 2000, 1995, 1990, 1985, 1980, 1975
Heacock Street	2005, 2000, 1995, 1990, 1985, 1980, 1975
San Michele Road	2011, 2005, 2000, 1995, 1990, 1985, 1980, 1975
Southeast Baucom Avenue	1990, 1985, 1980, 1975
Van Buren Boulevard	2000, 1995, 1990, 1985, 1980, 1975

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
16850 Heacock Street	2011
16875 Heacock Street	No Years Found
17101 Heacock Street	2011
22495 Van Buren Boulevard	No Years Found
22550 Van Buren Boulevard	No Years Found
24100 Cardinal Avenue	No Years Found
24208 San Michele Road	No Years Found
895 Southeast Baucom Avenue	2011, 2005, 2000, 1995

Amended 12/04/2015; Amended 01/22/2016; Amended 02/01/2016; Amended 02/11/2016

REPUBLIC TITLE®

Republic Title of Texas, Inc.

2626 Howell Street, 10th Floor
Dallas, TX 75204

February 01, 2016

Hillwood
3090 Olive St Ste 300
Dallas, TX 75219
Phone: (214)777-4335
Fax: (214)303-5570

Title Officer:	Becky Etter	Title Assistant:	Andi Schaer
Phone:		Phone:	
Email:	better@republictitle.com	Email:	aschaer@republictitle.com

Order Number: 1002-162342-RTT

Escrow Officer: Becky Etter
Phone:
Email: better@republictitle.com

Property: Vacant, County of Riverside, CA

Attached please find the following item(s):

Commitment

Thank You for your confidence and support. We at First American Title Insurance Company maintain the fundamental principle:

Customer First!

First American Title Insurance Company

INFORMATION

The Title Insurance Commitment is a legal contract between you and the company. It is issued to show the basis on which we will issue a Title Insurance Policy to you. The Policy will insure you against certain risks to the land title, subject to the limitations shown in the policy.

The Company will give you a sample of the Policy form, if you ask.

The Commitment is based on the land title as of the Commitment Date. Any changes in the land title or the transaction may affect the Commitment and the Policy.

The Commitment is subject to its Requirements, Exceptions and Conditions.

This information is not part of the title insurance commitment.

TABLE OF CONTENTS

		Page
Agreement to Issue Policy		3
Schedule A		
1.	Commitment Date	4
2.	Policies to be Issued, Amounts and Proposed Insured	4
3.	Interest in the Land and Owner	4
4.	Description of the Land	4
Schedule B-1 - Requirements		
Schedule B-2 - Exceptions		
Conditions		

YOU SHOULD READ THE COMMITMENT VERY CAREFULLY.
If you have any questions about the Commitment,
please contact the issuing office.

COMMITMENT FOR TITLE INSURANCE

Issued by

First American Title Insurance Company

Agreement to Issue Policy

We agree to issue a policy to you according to the terms of this Commitment.

When we show the policy amount and your name as the proposed insured in Schedule A, this Commitment becomes effective as of the Commitment Date shown in Schedule A.

If the Requirements shown in this Commitment have not been met within six months after the Commitment Date, our obligation under this Commitment will end. Also, our obligation under this Commitment will end when the Policy is issued and then our obligation to you will be under the Policy.

Our obligation under this Commitment is limited by the following:

The Provisions in Schedule A.

The Requirements in Schedule B-1.

The Exceptions in Schedule B-2.

The Conditions.

This Commitment is not valid without Schedule A and Sections 1 and 2 of Schedule B.

SCHEDULE A

1. Commitment Date: November 30, 2015 at 7:30 A.M.

2. Policy or Policies to be issued: Amount

   (A) ALTA Extended Owner's Policy $TBD

   Proposed Insured:

   To Be Determined

   (B) ALTA Extended Loan Policy $TBD

   Proposed Insured:

   To Be Determined

3. (A) The estate or interest in the land described in this Commitment is:

   Fee Simple

   (B) Title to said estate or interest at the date hereof is vested in:

   The March Joint Powers Authority, a joint powers authority created, operating, and existing under the laws of the State of California

4. The land referred to in this Commitment is situated in the Unincorporated Area of the County of Riverside, State of California, and is described as follows:

   THAT PORTION SECTIONS 25, 26, 35 AND 36, TOWNSHIP 3 SOUTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, SHOWN AS PARCEL 11 ON MAP FILED IN BOOK 110, PAGES 30 TO 40 INCLUSIVE, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER, OF SAID COUNTY, DESCRIBED AS FOLLOWS:

   BEGINNING AT THE SOUTHERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30° 06' 59" WEST 670.29 FEET IN THE EASTERLY BOUNDARY OF SAID PARCEL 11, SAID SOUTHERLY TERMINUS ALSO BEING A POINT ON THE NORTHERLY LINE OF PARCEL MAP NO. 8698, AS PER MAP FILED IN BOOK 37, PAGE 90, OF PARCEL MAPS IN THE OFFICE OF SAID RECORDER;

   THENCE ALONG SAID NORTHERLY LINE SOUTH 89° 53' 52" WEST 117.66 FEET;

   THENCE LEAVING SAID NORTHERLY LINE NORTH 30° 09' 25" WEST 124.78 FEET TO A LINE PARALLEL WITH 108.00 FEET NORTHERLY, MEASURED AT RIGHT ANGLES, FROM SAID NORTHERLY LINE;

   THENCE ALONG SAID PARALLEL LINE SOUTH 89° 53' 52" WEST 1955.75 FEET TO THE EASTERLY BOUNDARY OF CALIFORNIA STATE ROUTE 215, AS SHOWN ON CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTATION MAP 45680 ON FILE IN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION;

THENCE ALONG SAID EASTERLY BOUNDARY NORTH 19° 22' 23" WEST 4259.32 FEET;

THENCE LEAVING SAID EASTERLY BOUNDARY NORTH 77° 53' 09" EAST 120.23 FEET;

THENCE SOUTH 17° 20' 22" EAST 24.72 FEET; THENCE NORTH 75° 40' 21" EAST 81.83 FEET;

THENCE SOUTH 45° 37' 50" EAST 766.67 FEET;

THENCE NORTH 52° 14' 06" EAST 614.61 FEET TO THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30° 07' 27" WEST 3507.80 FEET IN THE BOUNDARY OF THE "MARCH AIR RESERVE BASE" AS SHOWN ON MAP FILED IN BOOK 124, PAGES 69 TO 81 INCLUSIVE OF SAID RECORDS OF SURVEY;

THENCE ALONG SAID LAST MENTIONED BOUNDARY AS FOLLOWS: SOUTH 30° 07' 25" EAST 3507.87 FEET;

THENCE SOUTH 49° 46' 59" WEST 73.50 FEET;

THENCE SOUTH 39° 57' 49" EAST 421.43 FEET;

THENCE SOUTH 30° 06' 29" EAST 670.22 FEET TO THE POINT OF BEGINNING.

APN(s): 295-300-008, 294-170-005, 294-150-008 (now 294-150-009), 294-180-038 AND 294-140-012 (now 294-140-013)

SCHEDULE B

SECTION ONE

REQUIREMENTS

The following requirements must be met:

(A) Pay the agreed amounts for the interest in the land and/or the mortgage to be insured.

(B) Pay us the premiums, fees and charges for the policy.

(C) Documents satisfactory to us creating the interest in the land and/or the mortgage to be insured must be signed, delivered and recorded.

(D) You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions.

(E) Releases(s) or Reconveyance(s) of Item(s): None

(F) Other: None

(G) You must give us the following information:
1. Any off record leases, surveys, etc.
2. Statement(s) of Identity, all parties.
3. Other: None

The following additional requirements, as indicated by "X", must be met:

[X] (H) Provide information regarding any off-record matters, which may include, but are not limited to: leases, recent works of improvement, or commitment statements in effect under the Environmental Responsibility Acceptance Act, Civil Code Section 850, et seq.

The Company's Owner's Affidavit form (as provided by company) must be completed and submitted prior to close in order to satisfy this requirement. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[X] (I) An ALTA/ACSM survey of recent date, which complies with the current minimum standard detail requirements for ALTA/ACSM land title surveys, must be submitted to the Company for review. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] (J) The following LLC documentation is required:
(i) a copy of the Articles of Organization
(ii) a copy of the Operating Agreement, if applicable
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Company Consent to the current transaction

[] (K) The following partnership documentation is required **:**
(i) a copy of the partnership agreement, including all applicable amendments thereto
(ii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iii) express Partnership Consent to the current transaction

[] (L) The following corporation documentation is required:
(i) a copy of the Articles of Incorporation
(ii) a copy of the Bylaws, including all applicable Amendments thereto
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Corporate Resolution consenting to the current transaction

[] (M) Based upon the Company's review of that certain partnership/operating agreement dated **Not disclosed** for the proposed insured herein, the following requirements must be met:

Any further amendments to said agreement must be submitted to the Company, together with an affidavit from one of the general partners or members stating that it is a true copy, that said partnership or limited liability company is in full force and effect, and that there have been no further amendments to the agreement. This Commitment will then be subject to such further requirements as may be deemed necessary.

[] (N) A copy of the complete lease, as referenced in Schedule A, #3 herein, together with any amendments and/or assignments thereto, must be submitted to the Company for review, along with an affidavit executed by the present lessee stating that it is a true copy, that the lease is in full force and effect, and that there have been no further amendments to the lease. This Commitment will then be subject to such further requirements as may be deemed necessary.

[X] (O) Approval from the Company's Underwriting Department must be obtained for issuance of the policy contemplated herein and any endorsements requested thereunder. This Commitment will then be subject to such further requirements as may be required to obtain such approval.

[] (P) Potential additional requirements, if ALTA Extended coverage is contemplated hereunder, and work on the land has commenced prior to close, some or all of the following requirements, and any other requirements which may be deemed necessary, may need to be met:

[] (Q) The Company's "Indemnity Agreement I" must be executed by the appropriate parties.

[] (R) Financial statements from the appropriate parties must be submitted to the Company for review.

[] (S) A copy of the construction contract must be submitted to the Company for review.

[] (T) An inspection of the land must be performed by the Company for verification of the phase of construction.

[] (U) The Company's "Mechanic's Lien Risk Addendum" form must be completed by a Company employee, based upon information furnished by the appropriate parties involved.

SCHEDULE B

SECTION TWO

EXCEPTIONS

Any policy we issue will have the following exceptions unless they are taken care of to our satisfaction. The printed exceptions and exclusions from the coverage of the policy or policies are set forth in Exhibit A attached. Copies of the policy forms should be read. They are available from the office which issued this Commitment.

1. General and special taxes and assessments for the fiscal year 2016-2017, a lien not yet due or payable.

1a. General and special taxes and assessments for the fiscal year 2015-2016 are exempt. If the exempt status is terminated an additional tax may be levied. A.P. No.s: 295-300-008, 294-170-005, 294-150-008 (now 294-150-009), 294-180-038 AND 294-140-012 (now 294-140-013).

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. Rights of the public in and to that portion of the land lying within any road, street or highway.

4. The effect of a map purporting to show the land and other property, filed February 15, 2001 in Book 110, Pages 30-40 of Record of Surveys.

5. The terms and provisions contained in the document entitled "Quitclaim Deed and Reservations of Rights and Cercla Section 120(h) Notice" recorded December 10, 2001 as Instrument No. 2001-611917 of Official Records.

6. The terms and provisions contained in the document entitled "Department of the Air Force Utility Bill of Sale" recorded September 27, 2002 as Instrument No. 2002-538526 of Official Records.

   The effect of a document entitled "Department of the Air Force Assignment of Rights", recorded September 27, 2002 as Instrument No. 2002-538528 of Official Records.

   The effect of a document entitled "Bill of Sale", recorded September 30, 2002 as Instrument No. 2002-543341 of Official Records.

   The effect of a document entitled "Assignment of Rights", recorded September 30, 2002 as Instrument No. 2002-543342 of Official Records.

   The effect of a document entitled "Blanket Easement", recorded September 30, 2002 as Instrument No. 2002-543343 of Official Records.

   The effect of a document entitled "Department of the Air Force License on Portions of the Former March Air Force Base", recorded October 23, 2002 as Instrument No. 2002-594952 of Official Records.

   The effect of a document entitled "Assignment of License", recorded October 24, 2002 as Instrument No. 2002-600755 of Official Records.

7. Intentionally Deleted

8. The fact that the land lies within the boundaries of the March Air Force Base Redevelopment Project Area, as disclosed by the document recorded February 06, 2004 as Instrument No. 2004-0086467 of Official Records.

9. The terms and provisions contained in the document entitled "Quitclaim Deed" recorded October 28, 2004 as Instrument No. 2004-0852535 of Official Records.

10. Abutter's rights of ingress and egress to or from the freeway have been relinquished in the document recorded October 28, 2004 as Instrument No. 2004-0852536 of Official Records.

11. The terms and provisions contained in the document entitled "Development Agreement" recorded July 27, 2005 as Instrument No. 2005-0598731 of Official Records.

12. The fact that the land lies within the boundaries of the March Air Force Base Redevelopment Project Area, as disclosed by the document recorded June 11, 2007 as Instrument No. 2007-0380610 of Official Records.

13. The terms, provisions and easement(s) contained in the document entitled "Infrastructure Easement Agreement" recorded October 27, 2006 as Instrument No. 2006-0791241 of Official Records.

14. The terms, provisions and easement(s) contained in the document entitled "Infrastructure Easement Agreement" recorded January 23, 2008 as Instrument No. 2008-0035923 of Official Records.

15. An easement for pipeline and incidental purposes, recorded June 26, 2009 as Instrument No. 2009-0326343 of Official Records.

In Favor of:	The Metropolitan Water District of Southern California
Affects:	As described therein

16. Terms and provisions of an unrecorded lease dated July 21, 2010, by and between March Field Museum Foundation as lessor and Royal Street Communications California LLC as lessee, as disclosed by a Memorandum of Lease Agreement recorded October 21, 2010 as Instrument No. 2010-0505003 of Official Records.

    Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

17. An easement for public road and utility and incidental purposes, recorded August 10, 2011 as Instrument No. 2011-0350313, and re-recorded August 28, 2012 as Instrument No. 2012-0408345, both of Official Records.

In Favor of:	The County of Riverside
Affects:	As described therein

18. Intentionally Deleted.

19. An easement for public road and utility and incidental purposes, recorded August 10, 2011 as Instrument No. 2011-0350315 of Official Records.

In Favor of:	The State of California
Affects:	As described therein

20. The effect of a map purporting to show the land and other property, filed February 04, 2013 in Book 140, Page 4 of Record of Surveys.

21. An easement for pipeline and incidental purposes, recorded June 27, 2013 as Instrument No. 2013-0307993 of Official Records.
In Favor of: Southern California Gas Company
Affects: As described therein

22. The effect of a document entitled "Quitclaim Deed", recorded October 10, 2013 as Instrument No. 2013-0488870 of Official Records.

23. Intentionally Deleted.

24. Intentionally Deleted

25. Intentionally Deleted

26. Intentionally Deleted.

27. Water rights, claims or title to water, whether or not shown by the public records.

28. Any facts, rights, interests or claims which would be disclosed by a correct ALTA/ACSM survey.

29. Rights of parties in possession.

30. Intentionally Deleted.

31. Intentionally Deleted.

32. Matters shown on the survey prepared by Robert B. Stanford Jr., LS 4457 of Huitt - Zollars, Job No. R304163.01, dated 12/18/2015, last revised __/__/2016:

a. Rights of third parties in and to the use of the paved access roads located along the eastern, western and southern portions of the subject land.

INFORMATIONAL NOTES

1. This report is preparatory to the issuance of an ALTA Loan Policy. The property covered by this report is vacant land.

2. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

3. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

*****To obtain wire instructions for deposit of funds to your escrow file please contact your Escrow Officer.******

CONDITIONS

1. **DEFINITIONS**
(a)"Mortgage" means mortgage, deed of trust or other security instrument.
(b)"Public Records" means title records that give constructive notice of matters affecting the title according to the state law where the land is located.

2. **LATER DEFECTS**
The Exceptions in Schedule B - Section Two may be amended to show any defects, liens or encumbrances that appear for the first time in the public records or are created or attached between the Commitment Date and the date on which all of the Requirements (a) and (c) of Schedule B - Section One are met. We shall have no liability to you because of this amendment.

3. **EXISTING DEFECTS**
If any defects, liens or encumbrances existing at Commitment Date are not shown in Schedule B, we may amend Schedule B to show them. If we do amend Schedule B to show these defects, liens or encumbrances, we shall be liable to you according to Paragraph 4 below unless you knew of this information and did not tell us about it in writing.

4. **LIMITATION OF OUR LIABILITY**
Our only obligation is to issue to you the Policy referred to in this Commitment, when you have met its Requirements. If we have any liability to you for any loss you incur because of an error in this Commitment, our liability will be limited to your actual loss caused by your relying on this Commitment when you acted in good faith to:

comply with the Requirements shown in Schedule B - Section One
or
eliminate with our written consent any Exceptions shown in Schedule B - Section Two.

We shall not be liable for more than the Policy Amount shown in Schedule A of this Commitment and our liability is subject to the terms of the Policy form to be issued to you.

5. **CLAIMS MUST BE BASED ON THIS COMMITMENT**
Any claim, whether or not based on negligence, which you may have against us concerning the title to the land must be based on this commitment and is subject to its terms.

First American Title

Privacy Information

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.

In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.

There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values

Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

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EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

3. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant, (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder, (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy;
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy; or

(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
Part One:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection

   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
   (a) that are created, allowed, or agreed to by you
   (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
   (c) that result in no loss to you
   (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

11. EAGLE PROTECTION OWNER'S POLICY

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998

Covered Risks 14 (Subdivision Law Violation). 15 (Building Permit). 16 (Zoning) and 18 (Encroachment of boundary walls or fences) are subject to Deductible Amounts and Maximum Dollar Limits of Liability

EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
   a. building
   b. zoning
   c. land use
   d. improvements on the land
   e. land division
   f. environmental protection

   This exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
   This exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
   a. a notice of exercising the right appears in the Public Records at the Policy Date; or
   b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This exclusion does not limit the coverage described in Covered Risk 11 or 18.

12. THIRD GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (1/01/08)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions, or location of any improvement erected on the Land; (iii) the subdivision of land; or(iv) environmental protection; or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b)Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.

13. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters

(a) created, suffered, assumed, or agreed to by the Insured Claimant;

(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;

(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or

(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.

5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.

6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is

(a) a fraudulent conveyance or fraudulent transfer, or

(b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

14. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 13 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

15. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

3. Defects, liens, encumbrances, adverse claims, or other matters

(a) created, suffered, assumed, or agreed to by the Insured Claimant;

(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;

(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risks 9 and 10); or

(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.

4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors rights laws, that the transaction vesting the Title as shown in Schedule A, is

(a) a fraudulent conveyance or fraudulent transfer; or

(b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.

5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

16. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 15 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION

Van Buren Boulevard/215
Van Buren Boulevard/215
March Air Reserve Ba, CA 92518

Inquiry Number: 4559570.2s
March 09, 2016

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	211
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR).
The results of this search follow:

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

TARGET PROPERTY

SEARCH RESULTS

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

SURROUNDING SITES

SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH AIR FORCE BASE (CLOSED) , CA CUSA143538	Region < 1/8 1 ft.																													
MARCH AIR FORCE BASE 22 CSG/CC RIVERSIDE, CA 92518 1000169261	Region < 1/8 1 ft.	X					X				X				X	X														
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL RIVERSIDE, CA 92518 S106784700	A1 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS
MARCH AIR FORCE BASE (CLOSED)	Region																											X							
MARCH AIR FORCE BASE	Region																																		
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL	A1																																		

Site	Map ID	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH AIR FORCE BASE (CLOSED)	Region																																					
MARCH AIR FORCE BASE	Region	X			X																		X															
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL	A1																																					

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 36 BLDG RIVERSIDE, CA 92518 S106784694	A2 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 14 LIQUID RIVERSIDE, CA 92518 S106784704	A3 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE 3,545 ACRES; EAST OF RIVERSIDE RIVERSIDE, CA 92518 S104241831	A4 < 1/8 1 ft. 1483 ft. Lower																		X											
US AIR FORCE, MARCH AIR RESERVE BASE - * BW RIVERSIDE, CA 92518 S106784714	A5 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE IRP S34 NW CORNOR OF FUELING FACILITY MARCH AIR RESERVE BASE, CA 92518 S105624619	A6 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A2																																																																								
A3																																																																							
A4									X																																																	X													
A5																																																																							
A6																																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

STANDARD ENVIRONMENTAL RECORDS

SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - SITE 18 ENGINE TEST C RIVERSIDE, CA 92518 S106784646	A7 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR FORCE BASE (FORMER) BLDG 550 GRAHAM (RIVERSIDE DR) MORENO VALLEY, CA 92518 S105624618	A8 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 8 FLIGHT RIVERSIDE, CA 92518 S106784692	A9 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 480 PANERO S-33 AIRCRAFT PARKING APRON MARCH ARB, CA 92518 S105624603	A10 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - NEW SOURCE AR RIVERSIDE, CA 92518 S106784622	A11 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A7																																																																							
A8																																																																							
A9																																																																							
A10																																																																							
A11																																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID / Direction / Distance / Distance ft. / Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 10 FLIGHT RIVERSIDE, CA 92518 S106784642	A12 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 15 FIRE P RIVERSIDE, CA 92518 S106784643	A13 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 11 BULK RIVERSIDE, CA 92518 S106784691	A14 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 16 EAST M RIVERSIDE, CA 92518 S106784690	A15 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 2406 SITE 39 GRABER STREET MARCH ARB, CA 92518 S105624528	A16 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Site	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A12																																																																							
A13																																																																							
A14																																																																							
A15																																																																							
A16																																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH AIR FORCE BASE (FORMER) SITE 43 35TH STREET RIVERSIDE, CA 92518 S105624558	A17 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE 3 545 ACRES OF RIVERSIDE RIVERSIDE, CA 92518 S105025888	A18 < 1/8 1 ft. 1483 ft. Lower																													
MARCH AIR FORCE BASE MORENO VALLEY, CA 92518 S105960470	A19 < 1/8 1 ft. 1483 ft. Lower																													
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI RIVERSIDE, CA 92518 S106784644	A20 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE RIVERSIDE, CA 92518 S106784660	A21 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH AIR FORCE BASE (FORMER)	A17																																																																							
MARCH AIR RESERVE BASE	A18																																																																	X					
MARCH AIR FORCE BASE	A19																																																								X														
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI	A20																																																																							
MARCH AIR RESERVE BASE	A21																																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - OU-1 SITES GRO RIVERSIDE, CA 92518 S106784769	A22 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 29 FIRE P RIVERSIDE, CA 92518 S106784759	A23 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BASE EXCHANGE STATION BLDG 550(4) MARCH ARB, CA 92518 U003948946	A24 < 1/8 1 ft. 1483 ft. Lower																								X					
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 13 TANK T RIVERSIDE, CA 92518 S106784685	A25 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 31 SOLVEN RIVERSIDE, CA 92518 S106784725	A26 < 1/8 1 ft. 1483 ft. Lower																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
A22																																																																								
A23																																																																								
A24																																																																								
A25																																																																								
A26																																																																								

EXECUTIVE SUMMARY

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VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

STANDARD ENVIRONMENTAL RECORDS

SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 1 AIRCRA RIVERSIDE, CA 92518 S106784761	A27 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 605 MARCH ARB, CA 92518 U003802796	A28 < 1/8 1 ft. 1483 ft. Lower																								X					
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 34 PRITCH RIVERSIDE, CA 92518 S106784750	A29 < 1/8 1 ft. 1483 ft. Lower																				X									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 37 BLDG RIVERSIDE, CA 92518 S106784732	A30 < 1/8 1 ft. 1483 ft. Lower																				X									
MARCH AIR RESERVE BASE BLDG 602 MARCH ARB, CA 92518 U003659460	A31 < 1/8 1 ft. 1483 ft. Lower																								X					

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 1 AIRCRA	A27																																																																									
MARCH AIR RESERVE BASE BLDG 605	A28																																																																									
US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 34 PRITCH	A29																																																																									
US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 37 BLDG	A30																																																																									
MARCH AIR RESERVE BASE BLDG 602	A31																																																																									

EXECUTIVE SUMMARY

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VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
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SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH AIR RESERVE BASE FLIGHTLINE-MAIN BLDGS 1215 1250 1270 437 485 2320 MARCH ARB, CA 92518 U003713120	A32 < 1/8 1 ft. 1483 ft. Lower																								X					
AMRO FABRICATING CORP 17101 HEACOCK ST MORENO VALLEY, CA 92551 1016954669	33 East < 1/8 56 ft. 1484 ft. Lower										X																			
MARCH AIR FORCE BASE - SITE 24 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE, CA 92518 S101272803	B34 NE < 1/8 139 ft. 1494 ft. Lower																	X	X											
MARCH A F B REFUELING SYSTEM BLDG 1269 MARCH A F B, CA 92518 S101300482	B35 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH AIR FORCE BASE - SITE 40 7,123 ACRES; EAST OF RIVERSIDE, CA RIVERSIDE, CA 92518 S102008377	B36 NE < 1/8 139 ft. 1494 ft. Lower																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH AIR RESERVE BASE FLIGHTLINE-MAIN	A32																																																																							
AMRO FABRICATING CORP	33																																																																							
MARCH AIR FORCE BASE - SITE 24	B34									X																																																														
MARCH A F B REFUELING SYSTEM	B35																																																																							
MARCH AIR FORCE BASE - SITE 40	B36									X																																																														

EXECUTIVE SUMMARY

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VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
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SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
BUILDING 962 MARCH AFB MORENO VALLEY, CA 90062 S100179024	B37 NE < 1/8 139 ft. 1494 ft. Lower																													
PANERO AIRCRAFT FUELING SYST. MARCH AFB MORENO VALLEY, CA 90062 S100179101	B38 NE < 1/8 139 ft. 1494 ft. Lower																													
MARCH A F B FLITE LINE BLDG 1244 MARCH A F B, CA 92518 S101300481	B39 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH A F B BLDG 3409 BLDGS 3409 MARCH A F B, CA 92518 S102770000	B40 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH AIR FORCE BASE - SI 7 123 ACRES OF RIVERSIDE CA RIVERSIDE, CA 92518 S103066212	B41 NE < 1/8 139 ft. 1494 ft. Lower																													

ADDITIONAL ENVIRONMENTAL RECORDS

Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD
B37																					X														
B38																																			
B39																																			
B40																																			
B41																																			

Map ID	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
B37																																				
B38																																				
B39																																				
B40																																				
B41																														X						

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MARCH AIR RESERVE BA, CA 92518
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Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH A F B BLDG 3406 BLDG 3406 MARCH A F B, CA 92518 S103249162	B42 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH A F B BLDG 550 BLDG 3407 MARCH A F B, CA 92518 S102361786	B43 NE < 1/8 139 ft. 1494 ft. Lower																				X									
MARCH A F B ALERT FACILITY BLDG 1305 MARCH A F B, CA 92518 S101300483	B44 NE < 1/8 139 ft. 1494 ft. Lower																				X									
FACILITY 3417 MARCH AFB RIVERSIDE, CA 92518 U001576659	C45 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 422 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576661	C46 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH A F B BLDG 3406 BLDG 3406 MARCH A F B, CA 92518 S103249162	B42 NE < 1/8 139 ft. 1494 ft. Lower																																																																								
MARCH A F B BLDG 550 BLDG 3407 MARCH A F B, CA 92518 S102361786	B43 NE < 1/8 139 ft. 1494 ft. Lower																																																																							
MARCH A F B ALERT FACILITY BLDG 1305 MARCH A F B, CA 92518 S101300483	B44 NE < 1/8 139 ft. 1494 ft. Lower																																																																								
FACILITY 3417 MARCH AFB RIVERSIDE, CA 92518 U001576659	C45 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
FACILITY 422 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576661	C46 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

STANDARD ENVIRONMENTAL RECORDS

SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 3414 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576658	C47 NW < 1/8 157 ft. 1512 ft. Higher																													
REGIONAL HOSPITAL FACILITY 299 MARCH AFB RIVERSIDE, CA 92518 U001576685	C48 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 452 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576664	C49 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 429 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576662	C50 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 5039 MARCH AFB RIVERSIDE, CA 92518 U001576668	C51 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 3414	C47															X																																																							
REGIONAL HOSPITAL FACILITY 299	C48															X																																																							
FACILITY 452	C49															X																																																							
FACILITY 429	C50															X																																																							
FACILITY 5039	C51															X																																																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 373 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576660	C52 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 3406 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576656	C53 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 3404 MARCH AFB RIVERSIDE, CA 92518 U001576655	C54 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2518 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576649	C55 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2314 MARCH AFB RIVERSIDE, CA 92518 U001576648	C56 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR
FACILITY 373 U001576660															X										
FACILITY 3406 U001576656															X										
FACILITY 3404 U001576655															X										
FACILITY 2518 U001576649															X										
FACILITY 2314 U001576648															X										

Site	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 373 U001576660																																														
FACILITY 3406 U001576656																																														
FACILITY 3404 U001576655																																														
FACILITY 2518 U001576649																																														
FACILITY 2314 U001576648																																														

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
U S CUSTOMS SERVICE MAFB BLDG 605 RIVERSIDE, CA 92518 S101590313	C57 NW < 1/8 157 ft. 1512 ft. Higher																													
CALIFORNIA AIR NATIONAL GUARD, MARCH AFB RIVERSIDE, CA 92518 U001576669	C58 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 3401 MARCH AFB RIVERSIDE, CA 92518 U001576654	C59 NW < 1/8 157 ft. 1512 ft. Higher																													
FUEL CELL MAINTENANCE BLDG 2 TRANSPORTTION BLDG COMPOSITE/ MARCH AFB, CA 92518 U001576678	C60 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 440 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576663	C61 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP
U S CUSTOMS SERVICE	C57														X		X																				
CALIFORNIA AIR NATIONAL GUARD,	C58															X																					
FACILITY 3401	C59															X																					
FUEL CELL MAINTENANCE BLDG 2	C60															X																					
FACILITY 440	C61															X																					

Site	Map ID	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
U S CUSTOMS SERVICE	C57																																			
CALIFORNIA AIR NATIONAL GUARD,	C58																									X										
FACILITY 3401	C59																																			
FUEL CELL MAINTENANCE BLDG 2	C60																																			
FACILITY 440	C61																																			

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 5042 MARCH AFB RIVERSIDE, CA 92518 U001576670	C62 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 5044 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576671	C63 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 602 MARCH AFB RIVERSIDE, CA 92518 U001576673	C64 NW < 1/8 157 ft. 1512 ft. Higher																													
PRITCHARD REFUELING SYSTEM FAC MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576684	C65 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1210 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576634	C66 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 5042 MARCH AFB RIVERSIDE, CA 92518 U001576670	C62 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								
FACILITY 5044 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576671	C63 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
FACILITY 602 MARCH AFB RIVERSIDE, CA 92518 U001576673	C64 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
PRITCHARD REFUELING SYSTEM FAC MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576684	C65 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
FACILITY 1210 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576634	C66 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

STANDARD ENVIRONMENTAL RECORDS

SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 1211 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576635	C67 NW < 1/8 157 ft. 1512 ft. Higher																													
AIR FORCE BASE CONV AGENCY AFBCA/OL-DBF AREA MARCH AFB, CA 92518 1001115472	C68 NW < 1/8 157 ft. 1512 ft. Higher											X																		
FACILITY 1203 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576633	C69 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 3409 MARCH AFB RIVERSIDE, CA 92518 U001576657	C70 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 941 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576676	C71 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90
FACILITY 1211 (C67)															X									
AIR FORCE BASE CONV AGENCY (C68)																								
FACILITY 1203 (C69)															X									
FACILITY 3409 (C70)															X									
FACILITY 941 (C71)															X									

Site	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS
FACILITY 1211 (C67)																								
AIR FORCE BASE CONV AGENCY (C68)																								
FACILITY 1203 (C69)																								
FACILITY 3409 (C70)																								
FACILITY 941 (C71)																								

Site	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 1211 (C67)																							
AIR FORCE BASE CONV AGENCY (C68)																							
FACILITY 1203 (C69)																							
FACILITY 3409 (C70)																							
FACILITY 941 (C71)																							

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 470 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576667	C72 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 458 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576666	C73 NW < 1/8 157 ft. 1512 ft. Higher																													
PANERO REFUELING SYSTEM FACILI MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576683	C74 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 453 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576665	C75 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 6603 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576674	C76 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 470 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576667															X																																																								
FACILITY 458 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576666															X																																																								
PANERO REFUELING SYSTEM FACILI MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576683															X																																																								
FACILITY 453 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576665															X																																																								
FACILITY 6603 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576674															X																																																								

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 5901 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576672	C77 NW < 1/8 157 ft. 1512 ft. Higher																													
HOSPITAL POWER PLANT FACIALIER MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576680	C78 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1246 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576638	C79 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1305 MARCH AFB RIVERSIDE, CA 92518 U001576641	C80 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1241 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576636	C81 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 5901 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576672	C77 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								
HOSPITAL POWER PLANT FACIALIER MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576680	C78 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
FACILITY 1246 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576638	C79 NW < 1/8 157 ft. 1512 ft. Higher															X																																																										
FACILITY 1305 MARCH AFB RIVERSIDE, CA 92518 U001576641	C80 NW < 1/8 157 ft. 1512 ft. Higher															X																																																										
FACILITY 1241 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576636	C81 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

		STANDARD ENVIRONMENTAL RECORDS																													ADDITIONAL ENVIRONMENTAL RECORDS																																																																											
SURROUNDING PROPERTY SEARCH RESULTS Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 1244 MARCH AFB RIVERSIDE, CA 92518 U001576637	C82 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																											
FACILITY 2313 MARCH AFB RIVERSIDE, CA 92518 U001576647	C83 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																											
FACILITY 1311 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576642	C84 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																											
FACILITY 1800 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576644	C85 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																												
FACILITY 962 MARCH AFB RIVERSIDE, CA 92518 U001576677	C86 NW < 1/8 157 ft. 1512 ft. Higher																																												X																																																												

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 2307 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576646	C87 NW < 1/8 157 ft. 1512 ft. Higher																													
LB/128 DNBYCAIA 25 MILES EAST OF AMBOY HWY 66 DANBY, CA 92532 U001576697	C88 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 260 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576651	C89 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2622 RIVERSIDE RIVERSIDE, CA 92518 U001576653	C90 NW < 1/8 157 ft. 1512 ft. Higher																													
INTEX CORPORATION MARCH AFB FLIGHTLING RIVERSIDE, CA 92518 U001576682	C91 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 2307 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576646	C87 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								
LB/128 DNBYCAIA 25 MILES EAST OF AMBOY HWY 66 DANBY, CA 92532 U001576697	C88 NW < 1/8 157 ft. 1512 ft. Higher															X																																																										
FACILITY 260 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576651	C89 NW < 1/8 157 ft. 1512 ft. Higher															X																																																										
FACILITY 2622 RIVERSIDE RIVERSIDE, CA 92518 U001576653	C90 NW < 1/8 157 ft. 1512 ft. Higher															X																																																										
INTEX CORPORATION MARCH AFB FLIGHTLING RIVERSIDE, CA 92518 U001576682	C91 NW < 1/8 157 ft. 1512 ft. Higher															X																																																										

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
FACILITY 2519 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576650	C92 NW < 1/8 157 ft. 1512 ft. Higher																													
GLIDE SLOPE FACILITY 1300 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576679	C93 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1250 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576639	C94 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 1272 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576640	C95 NW < 1/8 157 ft. 1512 ft. Higher																													
FACILITY 2606 MARCH AFB RIVERSIDE, CA 92518 U001576652	C96 NW < 1/8 157 ft. 1512 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
FACILITY 2519 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576650	C92 NW < 1/8 157 ft. 1512 ft. Higher															X																																																								
GLIDE SLOPE FACILITY 1300 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576679	C93 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
FACILITY 1250 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576639	C94 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
FACILITY 1272 MARCH AFB FLIGHTLINE RIVERSIDE, CA 92518 U001576640	C95 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									
FACILITY 2606 MARCH AFB RIVERSIDE, CA 92518 U001576652	C96 NW < 1/8 157 ft. 1512 ft. Higher															X																																																									

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
AIR FORCE BASE CONV AGENCY AFBCA/OL-DBF AREA MARCH AFB, CA 92518 1001115471	C97 NW < 1/8 157 ft. 1512 ft. Higher											X																		
EMPIRE TRACTOR 1480 NANDINA AVE PERRIS, CA 92571 S104164590	D98 SSW 1/8-1/4 1306 ft. 1508 ft. Higher																				X									
EMPIRE TRACTOR CO 1480 NANDINA AVE PERRIS, CA 92571 1000886294	D99 SSW 1/8-1/4 1306 ft. 1508 ft. Higher											X																		
EMPIRE TRACTOR 1480 NANDINA AVE PERRIS, CA 92571 S104753651	D100 SSW 1/8-1/4 1306 ft. 1508 ft. Higher																				X									
NANDINA LIQUOR 1569 PERRIS, CA 92571 S101631120	E101 SSW 1/4-1/2 1354 ft. 1516 ft. Higher																				X									

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
AIR FORCE BASE CONV AGENCY AFBCA/OL-DBF AREA MARCH AFB, CA 92518 1001115471	C97																																																																	X							
EMPIRE TRACTOR 1480 NANDINA AVE PERRIS, CA 92571 S104164590	D98																																																																							
EMPIRE TRACTOR CO 1480 NANDINA AVE PERRIS, CA 92571 1000886294	D99																																																							X															
EMPIRE TRACTOR 1480 NANDINA AVE PERRIS, CA 92571 S104753651	D100																																																																	X						
NANDINA LIQUOR 1569 PERRIS, CA 92571 S101631120	E101														X		X																																																	X						

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
PULLIAM FAMILY TRUST 1569 NANDINA AVE PERRIS, CA 92571 S105850475	E102 SSW 1/4-1/2 1354 ft. 1516 ft. Higher																				X									
SITE Y -CAMP HAAN NORTH END DECKER ROAD / WEST OF I- 215 MARCH AIR FORCE BASE, CA S106900233	103 SW 1/4-1/2 1769 ft. 1542 ft. Higher																			X										
RIVERSIDE NATIONAL CEMETE 123 ACRES OF REVERSIDE CA RIVERSIDE, CA 92518 S105025886	104 West 1/4-1/2 2002 ft. 1557 ft. Higher																													
BELL GRAIN AND MILLING 17971 HIGHWAY 215 PERRIS, CA 92570 S105025544	105 SSW 1/4-1/2 2584 ft. 1520 ft. Higher																				X									
CAMP HAAN RIVERSIDE, CA 1007372675	106 WSW 1/4-1/2 2640 ft. 1570 ft. Higher																													

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
PULLIAM FAMILY TRUST	E102																																																																							
SITE Y -CAMP HAAN	103																																																																							
RIVERSIDE NATIONAL CEMETE	104																																																																	X						
BELL GRAIN AND MILLING	105																																																																	X						
CAMP HAAN	106																										X																																													

EXECUTIVE SUMMARY

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518
Elevation: 1503 ft.
EDR Inquiry Number: 4559570.2s

SURROUNDING PROPERTY SEARCH RESULTS

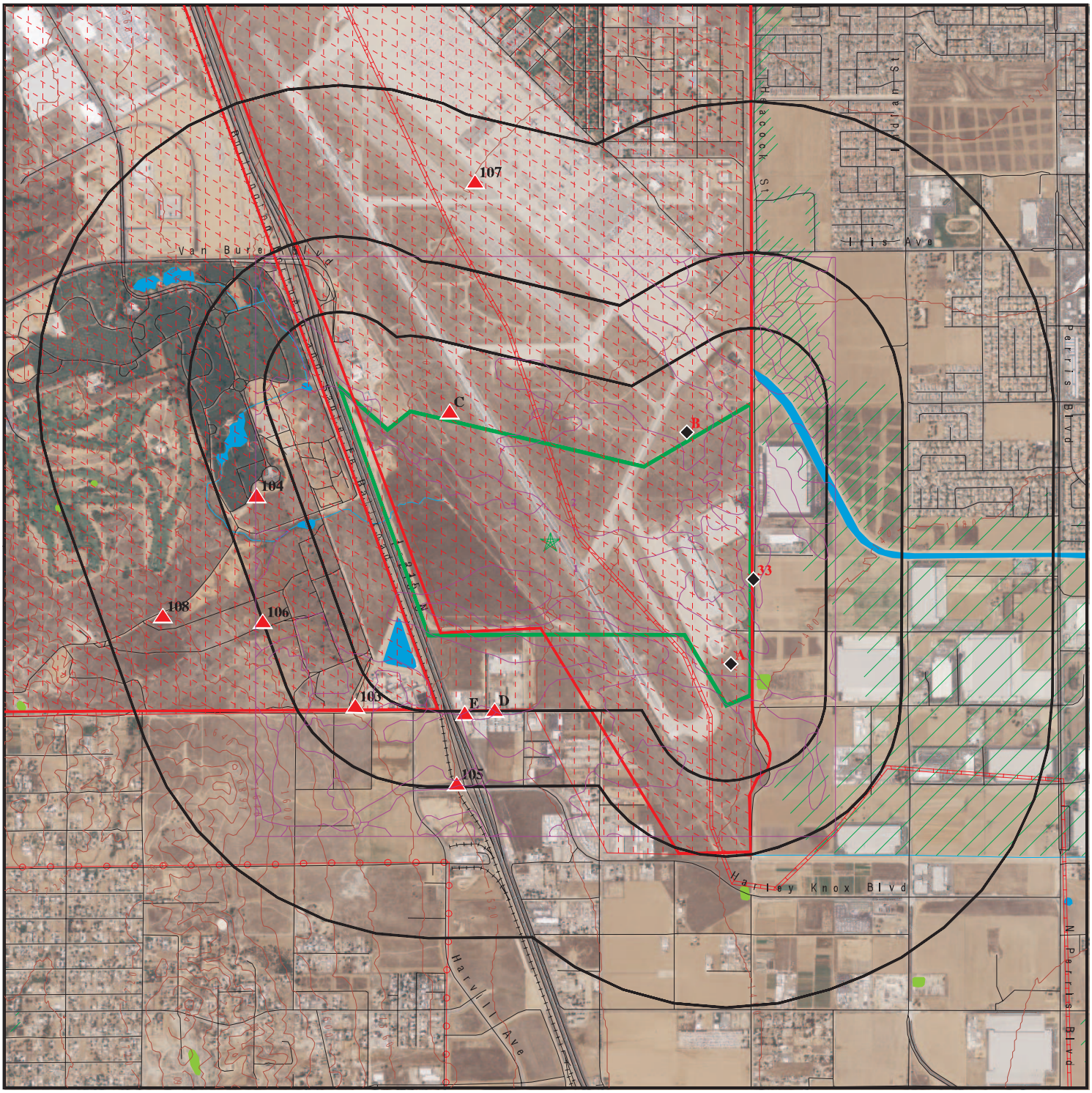
STANDARD ENVIRONMENTAL RECORDS

Site	Map ID Direction Distance Distance ft. Elevation ft.	NPL	Proposed NPL	NPL LIENS	Delisted NPL	FEDERAL FACILITY	CERCLIS	CERCLIS-NFRAP	CORRACTS	RCRA-TSDF	RCRA-LQG	RCRA-SQG	RCRA-CESQG	LUCIS	US ENG CONTROLS	US INST CONTROL	ERNS	RESPONSE	ENVIROSTOR	SWF/LF	LUST	INDIAN LUST	SLIC	FEMA UST	UST	AST	INDIAN UST	VCP	INDIAN VCP	BROWNFIELDS
MARCH FIELD OTHER, CA 1007212253	107 NNW 1/2-1 4169 ft. 1520 ft. Higher																													
MARCH AFB (1.25 MILES SOUTH OF) ALESSANDRO, CA S107736668	108 West 1/2-1 4251 ft. 1606 ft. Higher																		X											

ADDITIONAL ENVIRONMENTAL RECORDS

Site	Map ID	US BROWNFIELDS	WMUDS/SWAT	SWRCY	HAULERS	INDIAN ODI	ODI	DEBRIS REGION 9	US HIST CDL	HIST Cal-Sites	SCH	CDL	Toxic Pits	US CDL	SWEEPS UST	HIST UST	CA FID UST	LIENS	LIENS 2	DEED	HMIRS	CHMIRS	LDS	MCS	SPILLS 90	RCRA NonGen / NLR	FUDS	DOD	SCRD DRYCLEANERS	US FIN ASSUR	EPA WATCH LIST	2020 COR ACTION	TSCA	TRIS	SSTS	ROD	RMP	RAATS	PRP	PADS	ICIS	FTTS	MLTS	COAL ASH DOE	COAL ASH EPA	PCB TRANSFORMER	RADINFO	HIST FTTS	DOT OPS	CONSENT	INDIAN RESERV	FUSRAP	UMTRA	LEAD SMELTERS	US AIRS	US MINES	FINDS	CA BOND EXP. PLAN	Cortese	CUPA Listings	DRYCLEANERS	EMI	ENF	Financial Assurance	HAZNET	HIST CORTESE	HWP	HWT	MINES	MWMP	NPDES	PEST LIC
MARCH FIELD	107																										X																																														
MARCH AFB	108																																																																								

OVERVIEW MAP - 4559570.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME: Van Buren Boulevard/215	CLIENT: Terracon
ADDRESS: Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT: Jennifer Van INQUIRY #: 4559570.2s
LAT/LONG: 33.874288 / 117.255402	DATE: March 09, 2016 3:22 pm

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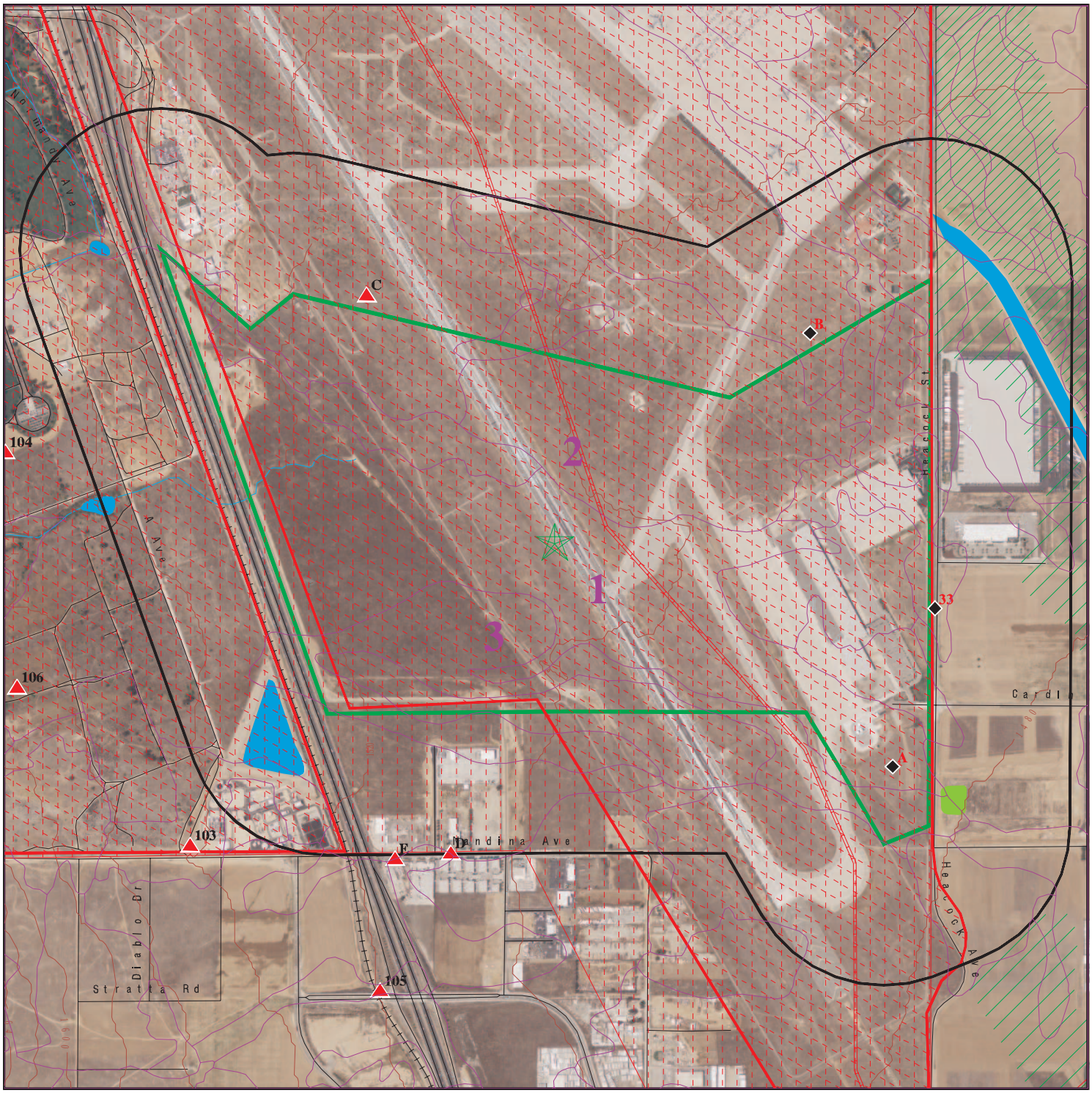
DETAIL MAP - 4559570.2S



0 1/8 1/4 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME:	Van Buren Boulevard/215	CLIENT:	Terracon
ADDRESS:	Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT:	Jennifer Van
		INQUIRY #:	4559570.2s
LAT/LONG:	33.874288 / 117.255402	DATE:	March 09, 2016 3:24 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		1	0	0	NR	NR	1
Federal CERCLIS NFRAP site List								
CERCLIS-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		2	0	NR	NR	NR	2
RCRA-SQG	0.250		2	1	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		1	0	0	NR	NR	1
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		1	0	0	0	NR	1
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		2	0	0	1	NR	3
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
CA LUST	0.500		31	2	3	NR	NR	36

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		4	0	NR	NR	NR	4
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		3	0	0	0	NR	3
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		1	0	NR	NR	NR	1
CA HIST UST	0.250		50	0	NR	NR	NR	50
CA FID UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	1	1	NR	2
DOD	1.000		1	0	0	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		1	0	0	0	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		1	0	0	0	NR	1
CA Cortese	0.500		1	0	0	NR	NR	1
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		2	1	3	NR	NR	6
CA HWP	1.000		0	0	0	0	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		1	0	NR	NR	NR	1
CA MINES	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		2	0	0	0	NR	2
CA UIC	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	110	4	8	2	0	124

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

DOD **MARCH AIR FORCE BASE (CLOSED)** **DOD** **CUSA143538**
Region **N/A**

MARCH AIR FORCE BASE (CLO (County), CA

< 1/8
1 ft.

DOD:
- Feature 1: Air Force DOD
- Feature 2: Not reported
- Feature 3: Not reported
- URL: Not reported
- Name 1: March Air Force Base (Closed)
- Name 2: Not reported
- Name 3: Not reported
- State: CA
- DOD Site: Yes
- Tile name: CARIVERSIDE

NPL **MARCH AIR FORCE BASE** **NPL** **1000169261**
Region **22 CSG/CC** **CERCLIS** **CA4570024527**
RIVERSIDE, CA 92518 **RCRA-LQG**
US ENG CONTROLS
< 1/8 **US INST CONTROL**
1 ft. **ROD**
PRP
FINDS
NY MANIFEST
ECHO

NPL:
- EPA ID: CA4570024527
- Cerclis ID: 0902761
- EPA Region: 09
- Federal: Y
- Final Date: 1989-11-21 00:00:00
- Site Score: 31.940000000000001
- Latitude: +33.906380
- Longitude: -117.2557

Category Details:
- NPL Status: Currently on the Final NPL
- Category Description: Depth To Aquifer-> 50 And <= 100 Feet
- Category Value: 65

- 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: MARCH AIR FORCE BASE
- Site Status: Final
- Site Zip: 92518
- Site City: RIVERSIDE
- Site State: CA
- Federal Site: Yes
- Site County: RIVERSIDE
- EPA Region: 09
- Date Proposed: 07/14/89
- Date Deleted: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Date Finalized: 11/21/89

Substance Details:

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

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal July 14, 1989): March Air Force Base MAFB) covers approximately 7,000 acres near Riverside in the Moreno Valley in Riverside County, California. MAFB is adjacent to light industrial, agricultural, and residential areas. Established in 1918 as the Alessandro Aviation Field, MAFB has served as a training base and refueling operations base. Industrial operations including aircraft maintenance and repair) involved use of solvents and disposal of solvent wastes. MAFB 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 ha ardous materials. As part ofIRP, the Air Force investigated 28 potentially contaminated disposal areas. MAFB Well No. 1 on-base was found to be contaminated with trichloroethylene, tetrachloroethylene, and cis-1,2-dichloroethylene at levels that exceed State drinking water standards. It was taken out of service. Soils on the base are contaminated with toluene and ben ene. An estimated 11,600 people obtain drinking water from municipal wells within 3 miles of ha ardous substances on MAFB. The Air Forceis conducting a remedial investigation/ feasibility study RI/FS) to determine the type and extent of contamination at the base and identify alternatives for remedial action. Status November 21, 1989): Field work continues on the RI/FS.

Site Status Details:

NPL Status: Final
Proposed Date: 07/14/1989
Final Date: 11/21/1989

MARCH AIR FORCE BASE (Continued) **1000169261**

Deleted Date: Not reported

Narratives Details:
NPL Name: MARCH AIR FORCE BASE
City: RIVERSIDE
State: CA

CERCLIS:
Site ID: 0902761
EPA ID: CA4570024527
Facility County: RIVERSIDE
Short Name: MARCH AIR FORCE BASE
Congressional District: 41
IFMS ID: 09N6
SMSA Number: 6780
USGC Hydro Unit: 18070202
Federal Facility: Federal Facility
DMNSN Number: 7000.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Federal Facility
Site Settings Code: SU
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: / /
Site Fips Code: 06065
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
Contact ID: 9000102.00000
Contact Name: John Lucey
Contact Tel: (415) 972-3145
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray

MARCH AIR FORCE BASE (Continued) **1000169261**

Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

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

CERCLIS Site Alias Name(s):
Alias ID: 101
Alias Name: MARCH AFB
Alias Address: Not reported
CA
Alias ID: 102
Alias Name: MARCH AIR FORCE BASE
Alias Address: 22 CSG/CC
MARCH AFB, CA 92518
Alias ID: 103
Alias Name: MARCH AIR FORCE BASE
Alias Address: 22 CSG/CC
RIVERSIDE, CA 92518
Alias ID: 9270150
Alias Name: MARCH USAF BASE
Alias Address: OLDB MARCH 3430 BUNDY AVENUE
MARCH AFB, CA 92311
Alias ID: 101
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977
Site Description: March Air Force Base originally a 640 acres site called Alessandro Aviation Field, was officially opened March 1, 1918. The base was initially used to train "Jenny" pilots during World War I. The base was closed for about four years after the war and was then reopened in 1927. By 1938, the base was considered to be the central location for west coast bombing and gunnery training. In 1949, the Strategic Air Command took control of the base. Since that time, the base has hosted bombers, refuelers, and cargo aircraft. In June 1992, the base became an Air Mobility Command installation. Its primary mission is refueling, but reserve and guard units have cargo and fighter missions as well. In September 1993, March AFB was designated by Congress to realign its forces. The Base will be redesignated "March Air Reserve Base" and is xpected to decrease to about 1/3 of its present size. After realignment, property that is not retained by the base will be available for transfer.
The U.S. Air Force, due to its primary mission in national defense, has long been engaged in a wide variety of operations that involve the use, storage, and disposal of hazardous waste. In 1980, the Installation Restoration Program (IRP) was developed by the Department of Defense (DOD) to locate and cleanup hazardous waste sites. At March AFB, aircraft maintenance, fuel storage operations, fire-training exercises, and base operations have generated a variety of hazardous wastes. Consequently, several areas of soil and groundwater on-base have been contaminated. In September 1983 the IRP process began. The results were records indicating 30 potentially contaminated sites which required further investigation. A second study, completed in March 1987, indicated that 5 of the 30 sites required even further investigation to determine the type and extent of contamination in the soil and groundwater. In June 1987, further investigation was done, indicating that additional work was required to better define the extent of contamination and to research possible off-base migration of TCE in groundwater. In November

MARCH AIR FORCE BASE (Continued) **1000169261**

1989, March AFB was add to the National Priorities List (NPL) primarily due to the contamination of groundwater on-base. In September 1990, a Federal Facilities Agreement (FFA) was signed by the Air Force, U.S. Environmental Protection Agency (EPA), and the State of California. Three separate OUs were created based on geographic location of sites, similarity of contaminants, and location of groundwater contaminant plumes. The subject of this ROD (6/20/96) is OU-1, OU-1 includes Sites 4,5,7,9,10,13,14,15,16,18,29,31,34, and 38. Groundwater at Sites 4, 18,31,and the OU-1 Groundwater Plume, and soil at Sites 4,10,15,18,31, and 34 require remedial action. Sites 5,7,9,13,14,6,29, and 38 are considered no further action. Sites 21 and 23 are covered in OU-2 ROD. Site 33, the Panero Aircraft Fueling System is detailed in OU-3. The following are Sites that require Groundwater remediation: OU 1-Groundwater Plume - The OU-1 Groundwater Plume is the most widespread plume at the base, extending from Site 31 south and east through the area of Sites 34, 9, and 5, and extending to a maximum of approximately 1300 feet beyond the eastern boundary and 1500 feet south of Site 5 off-base. Numerous contaminants, including TCE, were detected. Site 4 Groundwater Plume - This plume is localized in the vicinity of Site 4 with the apparent source area near the southern end of Site 4. The contaminants with the highest concentration are TCE and PCE. Site 18 - Groundwater Plume - This plume is localized in the vicinity of Site 18 with the apparent source area west of the engine test cell in the center of Site 18. Fuel has been detected in four of the ten monitoring wells to date. Site 31 - Groundwater Plume - Concentrations of contaminants at Site 31, primarily TCE, are much higher than those in the rest of the OU-1 Plume, and these high concentrations are confined to a relatively small area. These conditions coupled with the history of Site 31 (reported solvent disposal) indicate that Site 31 is a likely source for much of the TCE found in OU-1 groundwater. Therefore, even though the Site 31 plume has the same contaminants and is continuous with the OU-1 plume, it is appropriate to treat Site 31 separately from the remainder of the OU-1 plume, in order to eliminate the source of contamination. Sites That Require Soil Remediation Include: Site 4 - Landfill No.6 - a landfill operating from 1955 to 1969, covering 8.5 acres, and located along the eastern boundary of the base, south of the East Gate. The landfill is up to 25 feet deep, containing primarily sanitary waste, construction rubble, and debris. Small amounts of medical wastes and empty fuel containers are also present. There are low levels of chlorinated solvents in the soil and soil gas, as well as elevated concentrations of trichloroethylene (TCE) and tetrachloroethylene (PCE) in the groundwater. Both TCE and PCE are found in solvents used to clean and degrease military equipment. Vinyl chloride, a breakdown product of TCE and PCE, has also been detected in Site 4 groundwater. The landfill is considered the source of contaminants detected in groundwater downgradient of the Site. Site 10 - Flightline Drainage Channel - This site, installed prior to 1940, is located southeast of the flightline aircraft maintenance areas. The channel is concrete lined (since the 1960s) up to the eastern boundary of the base where it discharges to the Perris Valley Storm Drain (PVSD). The PVSD flows east approximately 2 miles, where it joins another drainage and flows south approximately 6 miles to the San Jacinto River. The channel has reportedly received various waste oils, hydraulic fluids, diesel fuel, jet fuel, waste paints, paint strippers, paint thinners, battery acids and solvents, including TCE. Prior to 1974, wastes may have been discharged directly to the PVSD. Since 1974, the main oil/water separator has pretreated the runoff before its discharge off-base. Site 15 - Fire Protection Training Area No.3- This site is located southeast of the end of runway 12-30 and between Sites 5 and 7. The area was developed in 1978 and was reportedly constructed by placing an underdrain system and gravel over a clay liner. Firefighting water, solutions of Aqueous Film Forming Foam (AFFF), and residual

MARCH AIR FORCE BASE (Continued) **1000169261**

fuel used during training exercises were drained to a formerly unlined water holding pond located adjacent to Site 15. Approximately 6,000 gallons per year of contaminated JP-4 have been burned in training exercises since the facility was constructed in 1978. This Site is no longer being used as a fire training area. Site 18 - Engine Test Cell - This site is located on the flightline, south of Taxiway No.2, and has been inactive for several years. The test cell was constructed in 1957 for the purpose of testing aircraft engines. An oil/water separator was installed in 1976, water from the seperator was discharged to the base wastewater treatment plant. The oil was collected by a contractor for off-base disposal. Prior to 1976, spills of oil, fuel, and solvents were drained to a nearby ditch. Potential sources of fuel include overflow of tanker trucks and fuel tanks on aircraft that have been parked nearby. Site 31 - Unconfirmed Solvent Disposal - Site 31 is located off Graeber Street on the east side of Building 1211. The practice of discharging solvents on the ground reportedly occurred from about the mid-1950s to the mid-1970s. In addition, floor drains from maintenance shops may have leaked solvents to the subsurface. Groundwater sampling at the site has indicated TCE concentrations which exceed State and Federal drinking water standards. Site 34 - Pritchard Aircraft Fueling System - Site 34 is located next to Building 1245, at the southeast end of Taxiway No, 1. In 1962, six 50,000 gallon tanks were moved to this site from the Pabero Fueling System. In 1990, this system was discontinued, and in 1991, the tanks and system were removed. During a geological investigation stained soils and fuel odors were observed. Sites With No Further Action Planned: Site 5 - Landfill No.3 - This Site covers approximately 5 acres and is located southeast of the present flightline. The landfill was reportedly operated from the late 1940s to approximately 1960. Landfill wastes consist primarily of sanitary waste and construction rubble. Site 7 - Fire Training Area No.2 - This Site is located on the eastern part of the base, north of the Alert Facility. Between 1954 and 1978, fire training exercises were conducted in unlined training pits. Three distinct burn pits were identified in historic aerial photographs of the base. A portion of this Site may have been used for crash rescue training. Wastes used in those exercises reportedly included contaminated fuel, waste solids, and spent solvents. Site 9 - Main Oil/Water Separator - Site 9 is located north of the Site 5 at the southeast end of the flightline apron. The facility was constructed in 1974 and serves the main storm, drainage system for the flightline apron and the flightline shops. The storm drains have reportedly received waste oils, hydraulic fluids, diesel fuel, waste paints, spent solvents, paint strippers, paint thinners, and battery acids. The oil/water separator is of earthen construction with a large baffle that divides the separator into two compartments. The separated oil is picked up by a skimmer and pumped to a holding tank for Off-base disposal. This facility drains into the flightline Drainage Channel (Site 10) and then to the Perris Valley Storm Drain Lateral A. Site 13 - Tank Truck Spill Site - Site 13 is located along the eastern perimeter road of the base, within the northern portion of Site 5. In 1973, approximately 5,000 gallons of JP-4 jet fuel spilled from a tank truck to the ground at this location. The accidental discharge resulted from a mechanical malfunction. There was no reported containment or cleanup activities. Site 14 - Liquid Fuel Pump Station Overflow - Site 14 is located southeast of the flightline apron and about 50 to100 feet west of the East March Sludge Drying Beds (Site 16). In 1973, approximately 1,000 gallons of JP-4 jet fuel spilled onto the ground. The spill occurred due to an overflow of the liquid fuel pump station at Building 1245. The spill was contained in the unpaved area south of the pump station and allowed to percolate into the ground. Site 16 - East March Sludge Drying Beds - Site 16 is located on the eastern part of the base, at the south end of the flight line parking apron, and near the former East March Wastewater Treatment Plant. The treatment plant

MARCH AIR FORCE BASE (Continued) **1000169261**

was constructed in 1938 and provided secondary treatment for sanitary and industrial wasterwater. Primary and secondary sludges were digested anaerobically, dewatered on unlined sludge drying beds, and disposed of in an on-base landfill. The sludge may have contained heavy metals and organics resulting from discharges of industrial wastes to the sanitary sewer system. These drying beds ope3rated from 1938 to 1977, when the plant was destroyed in place. Site 29 - Fire Training Area No.1 - Site 29 is located at the eastern part of the base, north of Site 9. The area was used as a fire training pit prior to 1951. Suspected contaminants at the site include contaminated fuel, waste oil, and spent solvents Site 38 (PCB Contamination, Building 1311), Building 1311 is located at the southeast end of the taxiway, northwest of IRP Site 23. In 1984, soils from four areas contaminated with transformer oils were sampled. Soils from two of the areas (Buildings 317 and 1305) were determined to be PCB-contaminated. The soils were excavated and removed from the Base. Records to verify the cleanup have not been located. The RI/FS report and Proposed Plan for OU-1 were released to the public on April 28, 1994. These two documents were made available via the Administrative Record, the information repositories at the Moreno Valley and March AFB libraries, and at the Moreno Valley Chamber of Commerce. A fact sheet, condensed from the Proposed Plan, was sent to everyone on the March AFB mailing list, which includes Restoration Advisory Board (RAB) members. An OU-1 RI/FS subcommittee, formed by the RAB, provided oral comments to the RAB at its April 26, 1994 meeting. The Final RI/FS Report was published in July 1994. A public comment period was held from April 28 to May 28, 1994. In addition, a public meeting was held on May 12, 1994 at 7 p.m. at Best Western Image Suites in Moreno Valley. Representatives of the U.S. Air Force, EPA, Department of Toxic Substances Control, and California Regional Water Quality Control Board, Santa Ana, attended the public meeting to address any questions about the RI/FS and Proposed Plan. March Air Force Base (AFB) is located on 7,123 Acres in the northern end of the Perris Valley, east of the city of Riverside, in Riverside County, California, approximately 60 miles east of Los Angeles and 90 miles north of San Diego. The base lies in sections of Township 3 South, Range 4 West. The population of Riverside County is 1,700,413 and consists primarily of English and Spanish speaking citizens. The climate of the March AFB area is characterized as Mediterranean to semi-arid, varying according to elevation and distance from the Pacific Ocean. The weather generally consists of warm to hot, dry summers and mild winters. Current land use on March AFB is classified as residential and light industrial. Maintenance facilities, warehouses, and administrative centers support the mission. The land surrounding March AFB area includes areas of residences in all directions around the Site, light industry to the north, and agriculture to the east and south. With the exception of small surface water ponds that are used for agricultural purposes, there are two permanent surface water bodies within 3.5 miles of March AFB. Lake Perris, located 4 miles southeast of the base, provides approximately 130,000 acre feet of storage for State Project Water brought in by the California Aqueduct which runs north and east of the base. An east-west portion of the Colorado River Aqueduct is located approximately 3.5 miles south of the base. This aqueduct flows in to Lake Matthews, which is located about 10 miles west of March AFB. A very small recreation lake is located approximately 2 miles east of the base. It is maintained by the Moreno Valley Ranch homeowners association and is located just south of Iris Street and west of Lasselle Street in the City of Moreno Valley. A number of wetlands and riparian areas have been identified on and in the immediate area of the base, most are located on West March, outside OU-1. The U.S. Army Corps of Engineers determined that approximately 2.17 acres of jurisdictional wetlands exist in the Heacock Drain Channel, with .8 acres of wetlands adjacent to the Site 4 landfill. The wetlands are not continuous but are localized

MARCH AIR FORCE BASE (Continued) **1000169261**

patches of wetland vegetation that change position each year due to high volume, high velocity storm water flow from the spring rains through these channels which causes scouring of the earthen bottom and sides. Manyindustrial, agricultural and domestic wells exist in the Perris Valley. Four on-base wells and two off-site wells southeast of the base were formerly used for the base water supply. One of these wells was shut down in February 1984 due to trichloroethylene (TCE) contamination, the other 3 on-base wells were shut down due to low yields. The two off-site wells are located southeast of the base in the center of Perris Valley. Although both of these wells are operable only one is occasionally used for emergency service, while the other is dormant. All base water is currently supplied by the Eastern Municipal Water District. OU-1 is made up of Sites 4,5,7,9,10,13,14,15,16,18,29,31,34, and 38. Sites 21 and 23 are included in the OU-2 ROD. Site 10 (Flightline Drainage Channel). This site is located southeast of the flightline aircraft maintenance areas. The drainage channel, which was installed prior to 1940, has reportedly received various waste oils, hydraulic fluids, diesel fuel, jet fuel, waste paints, paint strippers, paint thinners, battery acids and solvents (including TCE). The drainage channel is concrete lined (since the 1960s) up to the eastern boundary of the base where it discharges to the Penis Valley Storm Drain. The Penis Valley Storm Drain flows east approximately 2 miles, where joins another drainage and flows south approximately 6 miles to the San Jacinto River. Prior to 1974, waste disposed of in the drainage channel may have been discharged directly to the Penis Valley Storm Drain. Since 1974, the main oil/water separator (Site 9) has pretreated the runoff before its discharge off base. Primary contaminants of concern are polycyclic aromatic hydrocarbons (PAHs), which were detected in drainage ditch sediments. PAHs are a series of petroleum derivatives found in many fuel and asphalt compounds. Site 15 (Fire Protection Training Area Number 3). This site is located southeast of runway 12-30 and between Sites 5 and 7. The area was developed in 1978 and was reportedly constructed by placing an underdrain system and gravel over a clay liner. Firefighting water, solutions of Aqueous Film Forming Foam (AFFF), and residual fuel used during training exercises were drained to a formerly unlined water holding pond located adjacent to Site 15. Approximately 6,000 gallons per year of contaminated JP-4 have been burned in framing exercises since the facility was constructed in 1978. The site is no longer being used as a fire training area. The primary contaminant of concern is phenanthrene, a PAH. Selected Remedy (as described in the OU 1 ROD): For both Sites 10 and 15, the preferred method of cleanup of these soils is excavation and low-temperature thermal desorption. Need for Explanation of Significant Differences (ESD): The Record of Decision (ROD) selected remedy for soils at Sites 10 and 15 was excavation and low temperature thermal desorption. The soils were excavated and treated by bio-remediation and properly recycled to approved regulatory standards. This ESD will be entered in the Administrative Record maintained at March AFB. An Explanation of Significant Differences for Operable Unit 01 for the March Air Force Base Site was completed in August 2000. Sites that require soil remediation include Sites 4, 10, 15, 18, 31, 34. Sites that require groundwater remediation include OU1 and Sites 4,18, and 31 groundwater plumes. Sites with No Further Action Planned: Site 5,7,9,13,14,16,29,38.
OU 2: In 1980, the Installation Restoration Program (IRP) was developed by the Department of Defense as the mechanism for the CERCLA process, incorporating applicable Resource Conservation Recovery Act (RCRA) regulations as well as meeting requirements of the National Oil and Hazardous Substance Pollution Contingency Plan (NCP) (40 CFR. Part 300). The Air Force conducted a Phase I records search of 30 potentially contaminated IRP sites on the Base. There are now a total of 44 IRP sites at the former March AFB and current March ARB. The primary contaminants identified in the IRP include chlorinated

MARCH AIR FORCE BASE (Continued) **1000169261**

solvents, fuels, polychlorinated biphenyls (PCBs), and polynuclear aromatic hydrocarbons (PAHs). Contamination by PAHs and PCBs appears to be restricted to surface and near-surface soils whereas fuel hydrocarbons and solvents tend to be predominant contaminants in subsurface soils and groundwater. The lead agency for cleanup of the closed portions of March AFB is the Air Force. The EPA, the California Department of Toxic Substances Control (DTSC), and the Santa Ana Regional Water Quality Control Board (RWQCB) are all support agencies for cleanup activities at the Base. The current land use and adjacent land use for most of the OU 2 Air Force Real Property Agency (AFRPA) sites is vacant land/open space with limited commercial and residential land use adjacent to some of the sites. Site 3 and the adjacent areas are undeveloped land. Site 6 contains an engineered waste cell. There is a residential area to the south and a golf course is to the east of Site 6. Site 12 was the former civil engineering yard with numerous structures. Site 12 is not currently utilized. Residential land use occurs to the east of Site 17. Air Force commercial facilities such as offices are located to the north and west of the Site 17. Site 19 is currently a part of the operating wastewater treatment plant. Structures relating to plant operations are located on-site and to the west and north. Site 20 and 26 and the adjacent areas are undeveloped land. A former water treatment plant is south of Site 26 and west of Site 20. This facility is no longer used. Site 23 is an active agricultural area, surrounded by currently vacant land to the north, south and east. Air Force land consisting of open space is west of Site 23. Site 25 and the adjacent areas is undeveloped land, with nearby residential development to the south. The three Site 35 subareas and Site 42 are former UST locations within landscaped areas adjacent to structures. The areas near Site 35a, 35b and Site 42 are still actively used as office and dormitory areas, but the Site 35c area is no longer used. Sites 30 and 40 are open space with some riparian vegetation. A residential area is located to the north and west of Site 40. The OU 2 sites are located on that portion of March AFB that may be converted to non-Air Force use. Site 23 is on private land. The anticipated land use for most of the OU 2 Air Force Real Property Agency (AFRPA) sites is commercial or industrial use. Alternative land uses have also been assessed and areas of West March could remain open space such as the Stephens' Kangaroo Rat (SKR) Conservation Area. March AFB is located in the North Perris Groundwater Basin. Currently, there are no potable groundwater resources extracted at the OU 2 AFRPA sites. The relatively thin water-bearing zone on West March is not anticipated to yield substantial quantities of water. Therefore, the potential for extraction and use of groundwater from the West March AFRPA sites is limited, both now and in the foreseeable future. Water-bearing zones producing sufficient groundwater for use may be present at AFRPA sites on the Main Base and Site 23, and should be considered a potential potable water source. Surface water is not currently used at the OU 2 AFRPA sites. Surface water areas such as at Site 6, 30 and 40 may remain as wetlands depending on future site development. OU2 consists of a number of sites. Each site is described below. Site 3 is a former 23-acre landfill located south of Cactus Avenue and west of Plummer Road. Riparian vegetation is found in the drainage areas. Site 3 is located in the 1,300-acre Stephens' Kangaroo Rat (SKR) reserve. The Site 3 landfill was used from 1954 through 1974. The landfill received household and dumpster waste, construction debris, and military waste from the Base. The military wastes included empty tanks, spent munitions, and miscellaneous wastes such as parachutes, medical waste, and fire hoses. Some of the contaminants found in the wastes included volatile organic compounds, pesticides, PCBs, PAHs, and munitions residues. The Air Force was concerned that the waste in the landfill might contaminate the soil and groundwater. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the landfilled waste. An interim removal action was completed in late 1995 and early 1996.

MARCH AIR FORCE BASE (Continued) **1000169261**

Approximately 223,200 cubic yards of landfilled materials and soil were removed. Excavated materials from Site 3 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 6 is located on West March, north of the Air Force Village West residential development, south of Van Buren Boulevard, east of Plummer Road, and west of Air Force Village West Drive. The landfill comprised three discrete areas: Site 6a (approximately 15 acres) the location of the main former landfill area; Site 6b Quarry (approximately 0.6 acre) the location of a former quarry; and Site 6b Pond (approximately 2.6 acres) the location of a pond. Site 6 was used by March AFB from the early 1950s to the early 1 980s for disposal of household waste and construction debris. Polynuclear aromatic hydrocarbons (PAHs), PCBs, pesticides, herbicides, and dioxins were found in samples of soil and water collected during the OU2 RI. An interim, removal action was conducted in 1995; approximately 63,000 cubic yards of waste were removed from Site 6a and temporarily stockpiled. Waste at Site 6a was removed from the vadose zone and beneath groundwater including soil contaminated with petroleum hydrocarbons. Waste was also removed from the pond, including debris and tar. Two engineered waste cells, over 12 acres in size, were constructed in the Site 6a area. No confirmation samples were taken of soils and bedrock under Site 6a because the bottom of the excavation was below the water table and sample results would not be meaningful. This site was treated as a closure in place rather than a clean closure. Stockpiled waste from Site 6a was landfilled back into the engineered waste cells over Site 6a. Excavated materials from Site 6a to be disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 12, the 20-acre Base Civil Engineering Yard, is located north of MacDill Street, between Lackland Avenue and Travis Avenue. The area is developed with numerous structures and is partially paved with asphalt. From the l950's to 1996, Site 12 was the civil engineering yard for general maintenance operations for March AFB. It included a carpentry shop, electrical shop, paint shop, pesticide shop, and storage areas for heavy equipment. These shops used and stored a variety of hazardous materials including paints and paint-related products, pesticides, solvents, acids, and drums labeled hazardous waste. During the OU2 RI, PAHs and hexavalent chromium were found in soil samples. The contaminant 1,1-dichloroethene (1, 1-DCE) was found in soil vapor samples in a small area in deeper soils near Building 2507. Groundwater beneath Site 12 has become impacted by trichloroethene (TCE) and tetrachloroethene (PCE). The groundwater contamination is in a small area and is only slightly above maximum contaminant levels (MCLs). Periodic monitoring of the groundwater to observe changes in contaminant concentrations is being conducted. After discussions with the regulatory agencies and the public, a limited interim removal action was taken in 1996 to ensure that the site could be used for industrial purposes by removing soils contaminated with PAHs and hexavalent chromium at the northwest portion of Site 12. Approximately 2,000 cubic yards of non-hazardous contaminated soil was excavated from a small area in the northwest portion of the site and placed in the engineered waste cells at Site 6. Excavated materials from Site 12 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and prior to excavation activities for the removal action according to approved work plans. Site 17 is a former Base swimming pool located on the Main Base on U Street between DeKay and K Streets. The area is vacant land, adjoining Base housing to the east and south. The former swimming pool at Site 17 was closed in the 1 970s. After it was closed, the pool was used as a disposal site and the wastes were covered with soil. After

MARCH AIR FORCE BASE (Continued) **1000169261**

discussions with the regulatory agencies and the public, a decision was made to clean the site by removing the waste. The pool and its contents were removed during a 1994 interim removal action. The wastes were taken off the Base for disposal. After the interim removal action, low levels of PCBs were still detected in soils at least 8 feet beneath the ground surface. The pool excavation was filled with clean soil, leaving the PCBs in place. No PCB contamination has been found in the groundwater and the PCBs are not expected to migrate to groundwater. Confirmation sampling conducted after the interim removal action demonstrated that PCBs remain at the site at levels of concern to human health Site 19 is about 7 acres in size, located at the southern end of West March, east of the active wastewater treatment plant. The site is generally vacant land with four concrete lined drying beds in the western portion of the site. Site 19 contains the four active lined sludge-drying beds and three inactive, unlined sludge-drying beds associated with the wastewater treatment plant. The plant was constructed in 1941 and used to process the wastewater from Camp Haan and March AFB. A total of 10 sludge-drying beds have historically been used at the site. Three of these beds have been backfilled. In 1990 when the plant was upgraded, four lined drying beds were constructed at the location of previously unlined beds. In the past, wastewater treatment sludge was spread out in the unlined drying beds to dry. When dry, the sludge was removed from the drying beds. Recently, the dried sludge has been removed from the Base for disposal. Past disposal practices are unknown. PAHs, PCBs, hexavalent chromium, and thallium were found in soil samples in the area of the unlined sludge beds at levels above residential PRGs. Site 20 is located adjacent to the southwest portion of March AFB, on the property acquired by the Department of Veterans Affairs from the Air Force in the 1970s. Site 20 is a former landfill about 7 acres in size used between 1958 and 1965 as a disposal site for household waste and construction debris. Some of the chemicals found in the soils at Site 20 included PAHs, dieldrin, PCBs, and 1 ,4-dichlorobenzene. The Air Force was concerned the waste in the landfill could contaminate soil and groundwater. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the landfilled waste. The interim removal action at Site 20 was conducted in conjunction with the removal of dried sludge at Site 26a and 26b Dried sludge of Site 26b covered a portion of Site 20. Approximately 116,000 cubic yards of non-hazardous soil, debris, and dried sludge were removed from Sites 20 and 26 in 1996 and placed in the engineered waste cells at Site. Excavated materials from Site 20 to be transported to and disposed of in he engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans According to the As-Built Construction Report OU2, Site 6a, all materials from Site 20 placed in the Site 6 engineered waste cells met the requirements of CCR Title 23, Section 2523 (currently CCR Title 27, Section 20220) for a non-hazardous solid waste landfill. After the waste was removed from Site 20, confirmation samples from beneath the former landfill were tested. The results confirmed that the site had been cleaned to levels protective of human health and the environment. No restriction on future use of the land is required. Site 22 is a suspected former landfill east of and adjacent to Interstate 215. The original 7-acre area of Site 22 was expanded to 15 acres by extending the northern site boundary to ensure all potential areas of concern were investigated. The location of the landfill was based on limited evidence. Investigations could not locate any landfllled materials or debris. Geophysical surveys were used to fmd buried metal or disturbed soils. Soil gas sampling was also conducted at this site. Finally, soil and groundwater were sampled. No contaminants were found in any of the samples and the geophysical surveys found no buried waste. This evidence showed that a landfill did not exist in this area. This site was investigated during the OU2 remedial

MARCH AIR FORCE BASE (Continued) **1000169261**

investigation and levels of contamination requiring remedial action were not identified. There was no risk assessment completed on Site 22 because no contaminants were found and the site poses no risk to human health or the environment. No restriction on future use of the land is required. Site 23 is located off-Base to the east, near the intersection of Nandina Avenue andHeacock Street in the City of Moreno Valley. Between 1938 and 1977, Site 23 was a 1-acre holding pond for wastewater that had been treated and used for irrigation of agricultural crops. In 1991, the pond was filled in, and it and the surrounding areas were leveled. The land is now used as a commercial sod farm and irrigated with reclaimed water from the Moreno Valley wastewater treatment plant. This site was investigated during the OU1 remedial investigation and no contamination requiring remedial action was identified. There was no risk assessment completed on Site 23 because no contaminants were found and the site poses no risk to human health or the environment. No restriction on future use of the land is required. Site 24 is a former 3-acre landfill, west of Site 19. Site 24 was reportedly used between 1941 and 1965 to dispose of household waste and military waste. A small amount of soil from bullet backstop berms may have been placed in the landfill as well as some ash from an incinerator. Some of the contaminants found in the waste included PAHs, PCBs, antimony, barium, and cadmium. The Air Force was concerned that the waste in the landfill could contaminate groundwater. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the landfilled waste. In December 1996, approximately 19,300 cubic yards of non-hazardous, landfilled waste was removed and placed in the engineered waste cells at Site 6. Excavated materials from Site 24 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 25 covers approximately 33 acres and is located south of Cactus Avenue. Site 25 was used in the past for open air detonation and burning of munitions. Three areas with shallow trenches were used to bury munitions residue after destruction. Some of the contaminants found in the soils at this site included nickel, l,3,5-trinitrobenzene, nitroglycerin, benzo(a)pyrene, and RDX, all of which are munition residues. Additionally, 1,1 -dichloroethene was also found. The Air Force was concerned that the contaminants in soil would cause groundwater contamination. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the debris and contaminated soils. Approximately 3,000 cubic yards of non-hazardous waste from the trenches and contaminated soils were removed and disposed of in the engineered waste cells at Site 6. Excavated materials from Site 25 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents at a rate of about 1 sample for every 200 cubic yards of excavated materials during the removal action. Testing was also performed as part of the remedial investigation. Site 26 covers approximately 3 acres and is located in the southwest portion of March AFB. Site 26 is subdivided into two areas, Site 26a and 26b. Site 26b is located over a portion of the Site 20 landfill. Site 26a is located on property controlled by the AFRPA and Site 26b is on the property of the Department of Veterans Affairs. Site 26 was used for disposal of lime sludge that was a waste from the treatment of drinking water for March AFB. From 1941 to 1984, the water treatment plant treated Colorado River water used to supplement the drinking water supply for the Base. Arsenic from the treated Colorado River water was found in the lime sludge at low levels. After discussions with the regulatory agencies and the public, a decision was made to clean up the site by removing the sludge. As mentioned in the description of the landfill at Site 20, approximately 116,000 cubic yards of non-hazardous soil and dried sludge were removed from Sites 20 and 26 in 1996 and disposed of in the engineered

MARCH AIR FORCE BASE (Continued) **1000169261**

waste cells at Site 6. Excavated materials from Site 26 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents during the remedial investigation and monitored during the removal action according to approved work plans. Site 30 covered approximately 40 acres, south of Alessandro Boulevard and west of Interstate 215. Site 30 is located in the 1,300 acre SKR reserve. There is no evidence that Site 30 ever operated as a March AFB-controlled landfill, but illegal dumping of domestic waste from the surrounding community has occurred and some minor amounts of construction debris were found. Soil and groundwater samples taken at the site did not detect contaminants at levels not protective of human health. After discussions with the regulators and the public, a decision was made to clean up the site by removing the domestic and construction debris. Domestic and construction debris was, removed from the site in April 1997 and disposed of off the Base. The Air Force has installed gates on access roads to prevent vehicular traffic to the site. Warning signs were placed in several areas, and gates remain padlocked to help prevent access by unauthorized persons. Site 35 consisted of three subareas (Sites 35a, 35b, and 35c) located in the former 15th Air Force Headquarter complex on West March. The subareas were locations of former underground storage tanks (USTs) associated with. Buildings 3409 (Site 35a), 3417/34 18 (Site 35b), and 3406 (Site 35c). Site 35a, a former 8,000-gallon fuel oil tank, was located west of Allen Avenue and south of 11th street, east of Building 3409. Site 35b, two former diesel tanks of 6,650-gallon and 3,500-gallon, was located between Building 3417 and 3418, west of Allen Avenue and Bundy Avenue. Site 35c, a former 1,000-gallon diesel tank, was located north of 5th Street and west of Dalla Avenue, east of Building 3406. All tanks have been removed and the locations closed without restrictions in accordance with state and county regulations. Fuel leaks have been associated with the tanks at Site 35. Sites 35a and 35b were investigated during the OU2 remedial investigation and other studies and levels of contamination requiring remedial action were not identified. After discussions with the regulatory agencies, the Air Force decided to clean up the soil by bioventing at Site 35c where fuel had leaked. Bioventing has reduced diesel fuel contamination to levels protective of human health and the environment at Site 35c. No restriction on future use of the land is required.
Site 40 covers approximately 49 acres on West March, north of Van Buren Boulevard and west of Plummer Road. The most prominent feature at the site is the abandoned quarry, containing a pond with riparian vegetation. The pond is replenished by groundwater and by surface flow from an intermittent stream channel entering the pond from the west. Site 40 is located in the 1,300 acre SKR reserve. Site 40 was used as a disposal location for drums, construction debris, battery casings, and motor vehicle parts. After discussions with the regulatory agencies, a decision was made to complete an expedited cleanup of the area exposed by the erosion and other debris at the site. The time-critical removal action completed in 1994 included removal of the drums, miscellaneous waste, and contaminated soil. Hazardous waste from the site was taken off the Base for proper disposal. Approximately 6,800 cubic, yards of non-hazardous materials were disposed of at the Site 6 engineered waste cells. Excavated materials from Site 40 to be transported to and disposed of in the engineered waste cells at Site 6 were tested for organic and inorganic constituents at a rate of about one sample for every 100 cubic yards of excavated materials during the removal action. Testing was also performed as part of the remedial investigation. Building 3404 is located on less than one acre near the intersections of 1 1th Street and Davis Avenue on West March. Transformers located in Building 3404 reportedly leaked oils containing PCBs onto the floor of the transformer room. These oils were also spilled onto the soil surrounding the building. After discussions with the regulatory agencies and the public, a decision was made to clean up the area outside of Building 3404 by removing the

MARCH AIR FORCE BASE (Continued) **1000169261**

contaminated soil. In the interim removal action, the contaminated soils were excavated and taken offsite for proper disposal. A total of 330 tons of contaminated soils were removed from the site. The PCB concentrations were low enough to allow disposal of 292 tons of contaminated soils as non-hazardous waste. An additional 38 tons was disposed of off the Base as hazardous waste. Clean fill was placed in the excavation to grade and a gravel cover was placed on top of the previously excavated area. Confirmation sampling conducted after the interim removal action confirmed that the site had been cleaned to levels protective of human health and the environment. No restriction on future use of the land is required. Transformer oils may be present in the concrete floor of Building 3404. The Air Force attempted to remove the PCBs from the concrete. Minimal levels of PCBs were left and have been encapsulated. The concrete is not addressed in this AFRPA OU2 ROD because building interiors are not regulated under CERCLA. The current landowner, the County of Riverside, has entered into a land use covenant with the State that restricts use of the building to industrial activities and contains other measures to prevent exposure to residual contamination. The current land use and adjacent land use for most of the OU2 AFRPA sites is vacant land/open space with limited commercial and residential land use adjacent to some of the sites as discussed below. Site 3 and the adjacent areas are undeveloped land. Site 6 contains an engineered waste cell. There is a residential area to the south and a golf course is to the east of Site 6. Site 12 was the former civil engineering yard with numerous structures. Site 12 is not currently utilized. Residential land use occurs to the east of Site 17. Air Force commercial facilities such as offices are located to the north and west of the Site 17. Site 19 is currently a part of the operating wastewater treatment plant. Structures relating to plant operations are located on-site and to the west and north. Site 20 and 26 and the adjacent areas are undeveloped land. A former water treatment plant is south of Site 26 and west of Site 20. This facility is no longer used. Site 23 is an active agricultural area, surrounded by currently vacant land to the north, south and east. Air Force land consisting of open space is west of Site 23. Site 25 and the adjacent areas is undeveloped land, with nearby residential development to the south. The three Site 35 subareas and Site 42 are former UST locations within landscaped areas adjacent to structures. The areas near Site 35a, 35b and Site 42 are still actively used as office and dormitory areas, but the Site 35c area is no longer used. Sites 30 and 40 are open space with some riparian vegetation. A residential area is located to the north and west of Site 40. The OU2 sites other than site 23 discussed in this AFRPA OU2 ROD are located on that portion of March AFB that may be converted to non-Air Force use. Site 23 is on private land. The anticipated land use for most of the OU2 AFRPA sites is commercial or industrial use. Alternative land uses have also been assessed and areas of West March could remain open space such as the SKR Conservation Area. March AFB is located in the North Perris Groundwater Basin. Currently, there are no potable groundwater resources extracted at the OU2 AFRPA sites. The relatively thin water-bearing zone on West March is not anticipated to yield substantial quantities of water. Therefore, the potential for extraction and use of groundwater from the West March AFRPA sites is limited, both now and in the foreseeable future. Water-bearing zones producing sufficient groundwater for use may be present at AFRPA sites on the Main Base and Site 23, and should be considered a potential potable water source. Surface water is not currently used at the OU2 AFRPA sites. Surface water areas such as at Site 6, 30 and 40 may remain as wetlands depending on future site development. A Record of Decision (ROD) for OU2 was completed May 11, 2004. A ROD addressing OU2 was completed in September 2005. Operable Unit (OU) 4: A total of three IRP sites (IRP Sites 21, 41, and 44), three AOCs (Water Tower 3410, Water Tank 6601, and the former Base Hospital and Dental Clinic), and one RFA site (Site L) are addressed in this OU4. Site 21 is off

MARCH AIR FORCE BASE (Continued) **1000169261**

base approximately 1.5 miles south of the southern extension of the active March ARB runway. Although never physically part of March AFB, the site is considered to be part of the former base for purposes of the IRP because treated wastewater produced on base was held in this off-base pond. John Cordures, property owner until his death, used the water for irrigation of surrounding agricultural land from 1941 to 1946 and again from 1955 to 1984. The estate was sold to Ross Department Stores in 2001. The site is near the intersection of Morgan Street and Webster Avenue, in the City of Perris. Site 21 encompasses 1.5 acres and is part of a landscaped berm and below-grade parking area for warehouse trucks associated with a Ross warehouse distribution facility. The general surface-water drainage in the area is to the east following the gently sloping terrain (surface gradient at the site is approximately 20 to 40 feet per mile). Bedrock was not encountered during the investigation phases at Site 21. Groundwater at Site 21 is at a depth of more than 150 feet below ground surface (bgs) and the general groundwater flow direction is to the south and southeast. Site 21 was used from 1941 to 1946, and again from 1955 to 1984, to hold treated wastewater from the base. Sanitary and industrial wastewater received primary and secondary treatment on the base prior to discharge into this holding pond. The treated effluent was held in the pond and used for irrigation of the surrounding agricultural land. The boundaries of the effluent pond were physically well defined by the pond's berm during the 1993 OU1 Remedial Investigation/Feasibility Study (RI/FS). At that time the site covered an area of approximately 2.2 acres and was being used by private parties as an illegal dump. In approximately 1998, the berm was removed, and the site was incorporated into the surrounding sod farm. In 2001, the land was sold and the former pond area now consists of a landscaped berm on the west side of the site and a truck parking area that lies approximately 8 feet below grade on the east side. Based on historic use, the primary contaminants of concern at Site 21 include metals, volatile organic compounds (VOCs), and pesticides. Site 21 is part of a Ross warehouse distribution facility in the city of Perris. Adjacent and surrounding land uses consist of commercial/industrial development, and some land is in agricultural production. Although much of the surrounding property is currently agriculture, other properties are zoned for light industrial/commercial. As development occurs, agriculture zoning will likely change to general industrial. Site 41 is approximately 1 mile south of State Highway 58 and 11 miles east of Kramer Junction (the intersection of U.S. Highway 395 and State Highway 58) in San Bernardino County, California. Structures currently remaining at the site include a concrete bunker no longer in use. The general surface water drainage is to the northeast following the very gently sloping terrain (surface gradient at the site is approximately 20 to 40 feet per mile). Depth to beneficial groundwater is approximately 300 feet bgs. However, perched zone water is found between 100 and 150 feet bgs at nearby sites. A regional hardpan soil, approximately 3 to 4 feet thick at a depth of approximately 34 feet bgs, is reported in the area. The Air Force obtained right of entry for an approximate 315-acre parcel from the Bureau of Land Management (BLM) in the late 1950s for construction and operation of a radio relay station for use by George AFB. The parcel was transferred to Edwards AFB in 1963 and to March AFB in February 1968. The Radio Relay Annex was declared excess and was scheduled for deactivation in October 1968. The station facilities included a septic system, storage tanks for water and petroleum products, 4 miles of runway, a radio tower, a water well, an aboveground bunker, and several support buildings. The Air Force closed the station in the mid-1980s. Investigations and cleanup actions were conducted between February 1995 and May 1996 and included identification and removal of asbestos-containing material and lead-based paint, destruction of the water-supply well, removal of underground storage tanks (USTs) (oil, water, and septic) and contaminated soil, and

MARCH AIR FORCE BASE (Continued) **1000169261**

confirmation sampling. Small amounts of diesel fuel leaked from the USTs. Based on historic use, the primary contaminant of concern at the site is total petroleum hydrocarbons (TPH) diesel fuel. Site 41 is in a remote area of the Mojave Desert. The Hawes site extends across 315 acres of desert land. The site is in the process of being transferred from the DOD back to the BLM, and the site will likely remain vacant due to its remote location and reversion to BLM control. Site 44 is in the central portion of the March ARB, east of the intersection of Graeber Street and Meyer Drive. Site 44 includes a 110-foot-tall, 200,000-gallon water tower, two large water storage tanks, and several buildings used by March ARB water system maintenance personnel. The area is characterized by relatively flat topography. A concrete-lined drainage ditch, just north of the site, flows eastward to the Heacock Storm Drain that drains south along the eastern perimeter of the former base. Groundwater at Site 44 is estimated to be approximately 30 feet bgs. Groundwater flow direction in this area is generally to the south and southeast. The water tower at Site 44 utilized a valve controller with a 6-inch mercury pot for water flow control. Past spills from the mercury pot caused mercury contamination of soils beneath and surrounding the valve controller. The flow controller at the water tower was in a subsurface valve box, 12 feet below grade. During a construction project to place a concrete floor in the below-grade box, approximately 80 cubic feet of soil were removed and stockpiled south and east of the valve box. In November 1995, the Air Force contracted to characterize the valve box and surrounding area for elemental mercury contamination. Based on the results of initial investigations at Site 44, the Air Force initiated a removal action. Soil was excavated in several discrete areas around the water tower. The primary soil removal areas were the valve box and surface soils in areas adjacent to the borings that identified "hot spots" of contamination. The excavated soil was segregated and packaged for off-site disposal. Once excavation of the valve pit was completed, the site was restored by filling the excavated area with sand to approximately 3 feet below the valve. A 6-inch-thick concrete floor was installed in the bottom of the valve pit. Land uses on adjacent and surrounding properties are exclusively industrial and commercial. As Site 44 will remain Air Force property, Site 44 is expected to stay industrial/commercial in the foreseeable future. Water Tower 3410 is an aboveground water storage tank on Former March AFB at the intersection of Plummer Road and 11th Street. Water Tower 3410 is in an area characterized by relatively flat topography, with a gentle slope to the east/northeast. No surface water bodies or major surface water drainages are associated with the site. Groundwater levels underlying Water Tower 3410 are between approximately 33 and 48 feet bgs. The groundwater flow direction is to the east. Although Water Tower 3410 was not specifically included in the Basewide RI/FS Work Plan, due to the presence of mercury pot water flow controllers at other March water storage facilities and the similarity of Water Tower 3410 with Water Tower 407 (Site 44), it was suspected that Water Tower 3410 might also have mercury-contaminated soils. March ARB Department of Public Works was contacted to determine if a mercury vault ever existed at the site. Interviews with Department personnel indicated that the building never contained a mercury vault. The only mercury controls at Water Tower 3410 are those that control associated pumps. Four aboveground controls are attached to the water tower rather than in a vault and contain only small amounts of elemental mercury. Water Tower 3410 is in an area characterized by industrial/commercial land use intermixed with vacant parcels. Adjacent and surrounding land use is also a mix of industrial/commercial use and vacant parcels. March Joint Powers Authority (MJPA) plans for the area, including Water Tower 3410, are for an industrial/business park. Water Tank 6601 is an aboveground storage tank north of Van Buren Boulevard and west of Plummer Road, west of 1-215. Water Tank 6601 is at an elevation of approximately 1,660 feet

MARCH AIR FORCE BASE (Continued) **1000169261**

above mean sea level. The site is characterized by highly dissected upland topography and consists of highly eroded gullies and exposures of weathered bedrock. The primary flow of surface water in the vicinity of Water Tank 6601 is to the east. One primary intermittent stream channel drains to the east near the facility. The site is underlain by shallow surface soils, with a maximum thickness of soil only tens of feet thick. Based on information presented by Tetra Tech in the OU2 RI/FS, just south of the water tank, groundwater is encountered in weathered bedrock at depths ranging from 10 to 40 feet bgs. Groundwater flow is generally to the east. Water Tank 6601 is an active, 200,000-gallon water tank constructed in approximately 1942, with valves, piping, and electronic controls inside a fenced area with a concrete floor and a metal roof. The enclosure was constructed in the mid 1980s, in response to repeated vandalism at the site. Each incidence of vandalism resulted in releases of elemental mercury at the site due to breakage of a reservoir or "mercury pot." Some of the elemental mercury was recovered after each incident; however, no formal cleanup actions were performed. A cage was constructed to protect the controls from additional vandalism. The mercury control was removed and replaced with controls without mercury prior to the OU4 RI/FS investigation. Water Tank 6601 is in an undeveloped area, which is fenced. Adjacent and surrounding land use is mixed industrial/ vacant. Water Tank 6601 is expected to remain industrial. MJPA plans for the adjacent and surrounding land are for industrial/commercial development. The former base Hospital and Dental Clinics are in the northeast corner of the former base, near the intersection of Cactus Avenue and Heacock Street. The main Hospital building is five stories and the Dental Clinic is a one-story structure. The surface topography in and around the site is relatively flat with a gentle slope (surface gradient at the site is approximately 20 to 30 feet per mile). Major drainage features lie north and east of the site and consist of intermittent drainage channels (Cactus Channel Storm Drain and Heacock Storm Drain). There are no major drainages across the site, and there are no perennial water bodies near the site. While groundwater was not part of the investigation, groundwater is reported to be 25 to 30 feet bgs in the area of the former hospital and dental clinic. Groundwater flow direction is to the south and east. Construction of the Hospital was completed in 1966 and modified in subsequent years. The latest addition was completed in 1974. The original construction of the Dental Clinic was completed in 1985. A sewer main extends from the Hospital/Dental Clinic complex, south along the eastern base boundary to the last manhole before the connection of the hospital lines with the "old trunk line" from western portions of the March ARB. The sewer line, which services both the Hospital and Dental Clinic, was first brought on line with completion of the original hospital building. Two primary lines collect effluent from the complex. The two lines ultimately empty into the old sewer main that flows directly south to the current lifting station, from which sewage is transferred around the south end of the active runway to the current wastewater treatment plant. The former base Hospital and Dental Clinic are in an area characterized by institutional (i.e., medical) land use. Adjacent and surrounding land use is a mix of residential, commercial, a small amount of vacant property and land in agricultural use, and a small corridor of public facilities to the east of the Hospital for an electrical transmission line easement. MJPA plans for the Hospital/Dental Clinic site are for similar reuse. Site L, formerly a swimming pool at the Non-Commissioned Officer (NCO) Club, is east of Riverside Drive and north of Meyer Drive. The site is outside the boundary of March ARB that was established as a result of the realignment of March AFB in May 1996. It is part of the land identified as available for transfer by the AFRPA. Site L is in an area characterized by relatively flat topography. No major drainages are associated with the site. Groundwater levels at the site are approximately 26 feet bgs. The groundwater

MARCH AIR FORCE BASE (Continued) **1000169261**

flow direction is to the southeast. The swimming pool at Site L was reportedly constructed in 1953 along with the NCO Club. After decommissioning at an unspecified time, it was used as a repository for a variety of wastes, some potentially hazardous. The pool and wastes were covered with soil, and the area was allowed to become overgrown with grass and weeds. The facility was abandoned and a chain-link fence restricted access to the former pool. In 1993, the pool was identified as an AOC during a comprehensive RFA/Expanded Source Investigation (ESI), which concluded that the pool was filled with a variety of wastes, including waste soils, solvents, and PCBs. In 1994, as part of the RFA investigation, a soil gas survey was conducted to screen for the presence of VOCs. No VOCs were detected above the laboratory reporting limits. Site L is currently open space (parking lot) with no structures, and is bordered on the north by vacant land and on the south by a parking area adjacent to Meyer Drive. The NCO Club is to the east of Site L, and the U.S. Army Reserve Center, with associated landscaping and parking is to the west. Surrounding land uses include institutional/medical, commercial, public facilities/recreation, and vacant land. The MJPA plans for Site L and the surrounding land are commercial in nature. A portion of the parcel in which Site L is located is currently leased to a catering business. A Record of Decision addressing OU4 was completed in September of 2005.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	02/01/85
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

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

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	02/01/87
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:	SITE INSPECTION
Date Started:	/ /
Date Completed:	06/01/87
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

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: / /
Date Completed: 06/01/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 07/14/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 11/21/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 02/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

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

Action Code: 001
Action: INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started: 02/07/90
Date Completed: 09/27/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
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: 09/27/90
Date Completed: 09/27/90
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: 004
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 01/24/92
Date Completed: 04/30/95
Priority Level: Not reported
Operable Unit: WEST MARCH - SOILS/GW
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: 04/07/96
Date Completed: 04/18/96
Priority Level: Not reported
Operable Unit: EAST MARCH - SOILS/GW
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

MARCH AIR FORCE BASE (Continued) **1000169261**

Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	09/27/90
Date Completed:	06/20/96
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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:	/ /
Date Completed:	06/20/96
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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:	Explanation Of Significant Differences
Date Started:	/ /
Date Completed:	08/24/00
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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 FIVE YEAR REVIEW
Date Started:	09/30/03
Date Completed:	11/19/03
Priority Level:	Not reported
Operable Unit:	EAST MARCH - SOILS/GW
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:	004
Action:	RECORD OF DECISION
Date Started:	/ /
Date Completed:	05/11/04
Priority Level:	Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Operable Unit: WEST MARCH - SOILS/GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/27/90
Date Completed: 09/29/05
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.:

Action Code: 003
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/29/05
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.:

Action Code: 005
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/30/05
Priority Level: Not reported
Operable Unit: WEST MARCH - SOILS/GW
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 FIVE YEAR REVIEW
Date Started: / /
Date Completed: 09/30/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Action Anomaly: Not reported

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

Action Code: 001
Action: Restoration Advisory Board
Date Started: 01/01/93
Date Completed: / /
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: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 03/05/96
Date Completed: / /
Priority Level: Not reported
Operable Unit: EAST MARCH - SOILS/GW
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/30/05
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITE 8 & 36
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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

Federal Register Details:
Fed Register Date: 11/21/89
Fed Register Volume: 54
Page Number: 48184

Fed Register Date: 07/14/89
Fed Register Volume: 54
Page Number: 29820

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

MARCH AIR FORCE BASE (Continued) **1000169261**

RCRA-LQG:
Date form received by agency: 10/22/2014
Facility name: MARCH AIR RESERVE BASE
Facility address: 610 MEYER DR
MARCH ARB, CA 92518
EPA ID: CA4570024527
Mailing address: MEYER DR BLDG 2403
MARCH ARB, CA 92518
Contact: CRAIG R HUNTER
Contact address: MEYER DR BLDG 2403
MARCH ARB, CA 92518
Contact country: Not reported
Contact telephone: (951) 655-5082
Contact email: CRAIG.HUNTER.1@US.AF.MIL
EPA Region: 09
Land type: Federal
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

Owner/Operator Summary:
Owner/operator name: US AIR FORCE
Owner/operator address: GRAEBER ST, BLDG 470
MARCH ARB, CA 92518
Owner/operator country: Not reported
Owner/operator telephone: (951) 655-4665
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1947
Owner/Op end date: Not reported

Owner/operator name: COL. RUSSELL A MUNCY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 11/01/2013
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

MARCH AIR FORCE BASE (Continued) **1000169261**

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

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

MARCH AIR FORCE BASE (Continued) **1000169261**

SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 03/20/2013
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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

MARCH AIR FORCE BASE (Continued) **1000169261**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 07/15/2010
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: 181

. Waste code: 214
. Waste name: 214

. Waste code: 223
. Waste name: 223

. Waste code: 281
. Waste name: 281

. Waste code: 342
. Waste name: 342

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

. Waste code: 541
. Waste name: 541

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/26/2008
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U188
. Waste name: PHENOL

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

Date form received by agency: 02/08/2006
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/25/2004
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 04/10/2002
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Date form received by agency: 10/12/2000
Site name: MARCH ARB CA
Classification: Large Quantity Generator

Date form received by agency: 07/14/2000
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS 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 F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

MARCH AIR FORCE BASE (Continued) **1000169261**

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/04/1999
Site name: MARCH ARB, CA
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
Site name: MARCH AFB, CA
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: MARCH AIR FORCE BASE, CA
Classification: Large Quantity Generator

Date form received by agency: 03/30/1992
Site name: MARCH AIR FORCE BASE
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 04/27/1995
Date achieved compliance: 04/27/2000
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/28/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A

MARCH AIR FORCE BASE (Continued) **1000169261**

Area of violation: Generators - General
Date violation determined: 03/05/1984
Date achieved compliance: 04/04/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/18/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/02/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/06/1996
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/04/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/27/2000
Evaluation lead agency: EPA

Evaluation date: 03/05/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/04/1995
Evaluation lead agency: EPA

US ENG CONTROLS:
EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Actual Date: 09/30/2005
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 08/24/2000
Operable Unit: 01

MARCH AIR FORCE BASE (Continued) **1000169261**

Contaminated Media : Soil
Engineering Control: Bioremediation (Ex-Situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Other, (N.O.S.)

MARCH AIR FORCE BASE (Continued) **1000169261**

Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Impermeable Barrier
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Low Temperature Thermal Desorption
Contact Name: Not reported
Contact Phone and Ext: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Operations & Maintenance (O&M)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Recycling
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Groundwater
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2005
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

US INST CONTROL:
EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 09/30/2005

MARCH AIR FORCE BASE (Continued) **1000169261**

Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: 09/30/2005
Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Subdivision regulation
Actual Date: 09/30/2005
Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: 09/30/2005

MARCH AIR FORCE BASE (Continued) **1000169261**

Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 06/15/2004
Complet. Date: 05/11/2004
Operable Unit: 02
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 06/15/2004
Complet. Date: 05/11/2004
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Base use plan change
Actual Date: 09/30/2005

MARCH AIR FORCE BASE (Continued) **1000169261**

Complet. Date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: 09/30/2005
Complet. Date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

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

PRP:
PRP name: STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES
STATE OF CALIFORNIA/DEPT. OF WATER QUALITY
U.S. AIR FORCE
U.S. AIR FORCE

FINDS:

Registry ID: 110064127813

Environmental Interest/Information System
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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

MARCH AIR FORCE BASE (Continued) **1000169261**

HAZARDOUS WASTE BIENNIAL REPORTER

NY MANIFEST:

EPA ID:	CA4570024527
Country:	USA
Location Address 1:	BASE 22 CSG/DEEV
Location Address 2:	Not reported
Location City:	MARCH AIR FORCE BASE
Location State:	CA
Location Zip Code:	92518
Location Zip Code 4:	Not reported

Mailing Info:

Name:	UNITED STATES MILITARY - MARCH AIR FORCE
Contact:	UNITED STATES MILITARY - MARCH AIR FORCE
Address:	BASE - 22 CSG/DEEV
City/State/Zip:	MARCH AIR FORCE BASE, CA 92518
Country:	USA
Phone:	714-655-4858

Manifest:

Document ID:	NYA3918835
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	64661
Trans2 State ID:	Not reported
Generator Ship Date:	02/14/1986
Trans1 Recv Date:	02/14/1986
Trans2 Recv Date:	02/19/1986
TSD Site Recv Date:	03/21/1986
Part A Recv Date:	02/25/1986
Part B Recv Date:	03/27/1986
Generator EPA ID:	CA4570024527
Trans1 EPA ID:	GAD042097261
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00043
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1986

Document ID:	NYA2651571
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:	GATX43254
Generator Ship Date:	05/30/1985
Trans1 Recv Date:	05/30/1985
Trans2 Recv Date:	/ /
TSD Site Recv Date:	09/06/1985
Part A Recv Date:	06/25/1985
Part B Recv Date:	09/16/1985

MARCH AIR FORCE BASE (Continued) **1000169261**

Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01560
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: 100
Year: 1985

Document ID: NYA2651598
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: 05/28/1985
Trans1 Recv Date: 05/28/1985
Trans2 Recv Date: / /
TSD Site Recv Date: 07/10/1985
Part A Recv Date: 06/05/1985
Part B Recv Date: 07/23/1985
Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 05100
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: 100
Year: 1985

Document ID: NYA2651589
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: ACFX88990
Generator Ship Date: 05/24/1985
Trans1 Recv Date: 05/24/1985
Trans2 Recv Date: / /
TSD Site Recv Date: 07/10/1985
Part A Recv Date: 06/05/1985
Part B Recv Date: 07/23/1985
Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 06000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks

MARCH AIR FORCE BASE (Continued) **1000169261**

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 1985

Document ID: NYA3077741
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: ACFX88331
Trans2 State ID: ACFX88331
Generator Ship Date: 01/27/1986
Trans1 Recv Date: 01/27/1986
Trans2 Recv Date: / /
TSD Site Recv Date: 04/17/1986
Part A Recv Date: 01/31/1986
Part B Recv Date: 04/23/1986
Generator EPA ID: CA4570024527
Trans1 EPA ID: CAD006913206
Trans2 EPA ID: CAD006913206
TSDF ID: NY7890008975
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 03500
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: 100
Year: 1986

ECHO:
Envid: 1000169261
Registry ID: 110064127813
FIPS Code: 06065
EPA Region: 09
Indian Country Flag: N
Federal Flag: Y
US Mexico Border Flag: N
Chesapeake Bay Flag: Not reported
NAA Flag: Y
Latitude: 33.90272
Longitude: -117.261116
Map Icon: MULT-UNK-MN-N.png
Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters: 50
Derived Tribes: San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 17 mile(s), San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 17 mile(s), Morongo Band of Mission Indians, California (previously listed as the Morongo Band of Cahuilla Mission Indians of the Morongo Reservation) - 19.7 mile(s), Soboba Band of Luiseno Indians, California - 20.9 mile(s), Soboba Band of Luiseno Indians, California - 24.1 mile(s)
Derived Huc: 18070202
Derived WBD: Not reported
Derived STCT FPS: 06065
Derived Zip: 92518

MARCH AIR FORCE BASE (Continued) **1000169261**

Derived CD113:	41
Derived CB2010:	060650467001102
Percent Minority:	83.217
Pop Den:	3681.43
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNY
Inspection Count:	0
Date Last Inspection:	11/02/2006
Days Last Inspection:	3244
Informal Count:	0
Date Last Informal Action:	04/28/1995
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	Unknown
Curr SNC Flag:	N
3yr Compliance Status:	UUUUUUUUUUU_
AFS Flag:	N
NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	CA0111007
CWA Permit Types:	Minor
CWA Compliance Tracking:	Off
CWA NAICS:	Not reported
CWA SICS:	9711
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	13710
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported

MARCH AIR FORCE BASE (Continued) **1000169261**

CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	0
CWA Curr Compliance Status:	Unknown
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	UUUUUUUUUUUU_
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	CA4570024527
RCRA Permit Types:	LQG
RCRA NAICS:	92811
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	7474
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110064127813
Facility SIC Codes:	9711
Facility NAICS Codes:	92811
Facility Date Last Inspection EPA:	04/04/1995
Facility Date Last Inspection State:	11/02/2006
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	04/28/1995
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

A1 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL** **CA LUST** **S106784700**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 1 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 10
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100289900
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 5 LANDFIL (Continued) **S106784700**

Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

A2 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 36 BLDG** **CA LUST** **S106784694**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 2 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 3
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321200
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 36 BLDG (Continued) **S106784694**

Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A3 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 14 LIQUID** **CA LUST** **S106784704**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 3 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 17
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100282000
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 14 LIQUID (Continued) **S106784704**

Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A4 **MARCH AIR RESERVE BASE** **CA ENVIROSTOR** **S104241831**
3,545 ACRES; EAST OF RIVERSIDE **CA HIST Cal-Sites** **N/A**
< 1/8 **RIVERSIDE, CA 92518** **CA Cortese**
1 ft.

Site 4 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

ENVIROSTOR:

Facility ID:	33970004
Status:	Active
Status Date:	07/13/1998
Site Code:	400689
Site Type:	Federal Superfund
Site Type Detailed:	Open Base
Acres:	2500
NPL:	YES
Regulatory Agencies:	SMBRP, RWQCB 8 - Santa Ana, US EPA
Lead Agency:	US EPA
Program Manager:	Stephen Niou
Supervisor:	Robert Senga
Division Branch:	Cleanup Cypress
Assembly:	40
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.09
Longitude:	-117.2630
APN:	NONE SPECIFIED
Past Use:	AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, DEGREASING FACILITY, DRY CLEANING, ENGINE TESTING/REPAIR, FIRE TRAINING AREAS, FUEL - AIRCRAFT STORAGE/ REFUELING, FUEL - VEHICLE STORAGE/ REFUELING, LANDFILL - DOMESTIC, MACHINE SHOP, OFFICE BUILDING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY
Potential COC:	Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-JET FUEL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Carbon tetrachloride Chloroform
Confirmed COC:	30013-NO 30018-NO Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chloroform Carbon tetrachloride TPH-JET FUEL

MARCH AIR RESERVE BASE (Continued) **S104241831**

Potential Description: OTH, SOIL
Alias Name: ALESSANDRO ARMY AIR FIELD
Alias Type: Alternate Name
Alias Name: |
Alias Type: Alternate Name
Alias Name: 110033608665
Alias Type: EPA (FRS #)
Alias Name: T10000005654
Alias Type: GeoTracker Global ID
Alias Name: T10000005916
Alias Type: GeoTracker Global ID
Alias Name: 16985
Alias Type: RB-PCA
Alias Name: 400689
Alias Type: Project Code (Site Code)
Alias Name: 33970004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/29/2005
Comments: DTSC has concurred with the OU2A ROD of March Air Reserve Base. The OU2A ROD addresses Sites 1, 11, 37, and 39. The key provisions of this ROD include institutional controls for Sites 1 and 11 where residual PAHs exist in the soil that are incompatible with unrestricted land use. The Air Force agreed to incorporate institutional control provisions into the base master plan. In case of base closure, the AF will require the purchasers to enter into State land Use Covenants with DTSC as a condition of land transfer. Sites 37 and 39 require no further actions.

Completed Area Name: OU 1
Completed Sub Area Name: STE34
Completed Document Type: * Remedial or Removal Design
Completed Date: 07/11/1996
Comments: Not reported

Completed Area Name: PCAS
Completed Sub Area Name: STE33
Completed Document Type: * Remedial or Removal Design
Completed Date: 07/08/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PANER
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/17/1996
Comments: O&M Site 33(PANERO): The Site 33 Pump and Treat System (PTS) consists of flow equalization tanks, an oil-water separator, air stripping, thermal oxidation of air stripper off-gas, and granular activated carbon polishing of the air stripper effluent. An internal combustion engine is used to treat vapors recovered by vapor extraction of the pumping wells. The PTS is designed to sustain continuous operation without direct operator control. Periodic surveillance and maintenance will be required to ensure reliable operation and compliance with regulatory requirements. Process performing

MARCH AIR RESERVE BASE (Continued) **S104241831**

monitoring of the vapor and water treatment systems will be conducted. This includes on-site sampling and tests of the influent streams, intermittent treatment points and the effluent streams to verify satisfactory operation, and timely change-out of the GAC treatment units to maintain regulatory discharge limits and cost effectiveness. Preventive equipment maintenance tasks, in accordance with the manufacturers recommend -ations, will be performed along with routine maintenance and record keeping activities. Normally, one field technician will be required to perform the routine O&M tasks, including well inspections and maintenance, pump overhauls, process instrument calibrations, equipment repairs and replacements. The manufacturer shall have local service representatives capable of responding to equipment failures or problems within 3 hours of initial contact.

Completed Area Name: OU 1
Completed Sub Area Name: SIT31
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/08/1996
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: SIT31
Completed Document Type: * Remedial or Removal Design
Completed Date: 05/08/1996
Comments: DES - SITE 31: This is part of OU #1. The practice of dis- charging solvents on the ground reportedly occurred from about the mid-1950s to the mid-1970s. In addition, floor drains from maintenance shops may have leaked solvents to the subsurface. The primary contaminants of concern at Site 31 are Trichloro- ethylene (PCE), and traces of other chlorinated solvents. The contaminants are contained within the soils and the groundwater and will require remediation to prevent further contamination of the OU#1 groundwater. Extensive studies to identify source locations, determine site characteristics and evaluate cost effective remedial alternatives have been performed. A dual phase extraction technology coupled with granular activated carbon treatment of extracted groundwater and soil vapor has been selected based on a pilot scale system shown to be a cost- effective method for remediation of this Site. The treatment system shall discharge treated water that will have a daily average concentration of 0.5 ppb TCE or less, and never will exceed a concentration of 5 ppb TCE. Treated groundwater will be reinjected into the aquifer combined with discharge of excess water to the Heacock Storm drain and/or the base sanitary sewer system, as required. Installation of process equipment, surface piping and electrical facilities is planned for the end of April, and startup of the system July 1996. This remedial action complies with the statutory preference for remedies as specified in the Record of Decision (ROD) for OU#1. ‘ O&M SITE 31: The Site 31 dual phase extraction and treatment system is designed to sustain continuous operation without direct operator control. Periodic surveillance and maintenance will be required to ensure reliable operation and compliance with regulatory requirement. Process performing monitoring of the vapor and water treatment systems will be conducted. This includes on-site sampling and tests of the influent streams, intermittent treatment points and the effluent streams to verify satisfactory operation, and timely change-out of the GAC treat- ment units to maintain regulatory

MARCH AIR RESERVE BASE (Continued) **S104241831**

discharge limits and cost effectiveness. Preventive equipment maintenance tasks, in accordance with the manufacturers recommendations, will be performed along with routine maintenance and record keeping activities. It is expected that the carbon change-out frequency will gradually decrease as the soil and groundwater contaminant levels decline with ongoing treatment. Initially the change-outs may occur once every 1-2 months and subsequently may decrease to once or twice a year for the groundwater treatment system. Normally, one field technician will be required to perform the routine O&M tasks, including wells inspections and maintenance, pump overhauls, process instrument calibrations, equipment repairs and replacements. Status reports along with analytical results and discharge records will be prepared and submitted as reqired for satisfactory operating control and regulatory compliance requirements. Qualified supervisory personnel will oversee execution of the O&M tasks to minimize costs, and ensure timely and accurate operating reports.

Completed Area Name: OU2
Completed Sub Area Name: SIT11
Completed Document Type: Removal Action Completion Report
Completed Date: 05/01/1996
Comments: RA - SITE 11: Site 11 is part of OU#2. It includes an area designated as the Liquid Fuels Management, Bulk Storage Facility. The leaking fuel line section was between the tank car unloading dock (Fuel Pump Station Building 2202 and Building 2340. These fuel lines transport fuels from the fuel storage tanks tot he flight line to enable refueling of aircraft. Leakage of the fuel line was discovered when March AFB personnel noticed a loss in line pressure during an integrity test of a section of the line between the fuel pump station and the flight line. Visual indications of a fuel leak were also observed in and around the concrete valult located adjacent to the fuel pump station. The objective of the Immediate Response Action was to remove and replace the leaking section of the sub-surface JP-8 fuel line. This was accomplished within a very tight schedule (approx. seven days) to prevent the use of outside trucks for delivery of fuels to the aircrafts. The removal action consisted of trenching to expose the sub-surface fuel lines and associated vault area including the demolishing and removal of overlaying asphalt and concrete, the removal of a 230 foot of JP-8 fuel line and a 210 foot section of an inactive JP-8 line was also removed, the placement of a new 8 inch steel JP-8 fuel line and a 12 inch steel road crossing sleeve and reconstruction of demolished concrete vault. Approximately, 380 cubic yards of contaminated soil was removed and stockpiled at Site 15 for remediation. Upon getting the new pipe section on-line the general site area was landscaped and restored to the original condition to the extent possible. This included the backfilling maximum dry density of the soil, and the replacement of the overlaying asphalt.

Completed Area Name: OU2
Completed Sub Area Name: STE 1
Completed Document Type: Feasibility Study Report
Completed Date: 03/25/1996
Comments: Not reported

Completed Area Name: OU 1

MARCH AIR RESERVE BASE (Continued) **S104241831**

Completed Sub Area Name: STE 9
Completed Document Type: Feasibility Study Report
Completed Date: 03/25/1996
Comments: RIFS - SITE 9: The removal of the OW/S will eliminate a potential source area for groundwater contamination in the future. This Site Specific Action Memorandum was prepared to evaluate and identify the most effective remedial alternative to remove the OW/S and dispose of the expected 100 cubic yards of oil contaminated soil. On-base consolidation with Site 6 lined waste cell provides the maximum level of regulatory compliance within the lowest cost level and is compatible with land use. Site 9 is recommended for military reuse under the Joint Power Authority preferred alternative. Site 9 vicinity may potentially have Beechy's Squirrel and Burrowing Owl, but excavation activities will be focused on the OW/S. No potential wetlands are located in Site 9 vicinity. ' RIFS - SITE 1: Soil sampling at Site 1 detected polycyclic aromatic hydrocarfons (PAHs) as contaminant of concerns. Ground- water samples detected metals; however, only manganese was detected above US Environmental Protection Agency Preliminary remediation Goals (PRGs). Soil from Site 1 was excavated during construction of the Air National Guard Alert Facility. Approximately, 3,100 cubic yards of PAH contaminated soil has been stockpiled on-site under plastic sheeting pending disposal. The risk assessment for Site 1 determined that no human health risk was present at the site because the exposure pathway was limited. Now that the soil has been disturbed, the soil stockpiled at Site 1 needs to be removed to preclude further exposure. This Site Specific Action Memorandum was prepared to evaluate and identify the most effective disposal alternative. The site is planned for Air National Guard use and will remain in military use. Site 1 is not a habitat for any endangered species and no perennial wetlands are located in its vicinity.

Completed Area Name: OU 1
Completed Sub Area Name: STE10
Completed Document Type: * Remedial or Removal Design
Completed Date: 02/02/1996
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: STE15
Completed Document Type: * Remedial or Removal Design
Completed Date: 02/02/1996
Comments: DES - SITE 10: This is part of OU#1. The drainage channel, which was installed prior to 1940, has reportedly received various oils , hydraulic fluids, diesel fuel, jet fuel, waste paints, paint strippers, paint thinners, battery acids and solvents. The drainage channel is concretelined (since the 1960s) up to the eastern boundary of the base where it discharges to the Perris Valley storm drain. The objectives of this remediation of contaminated sediment from Site 10, pursuant to the cleanup criteria set forth in the final OU#1 Record of Decision (ROD). Approximately 15 cubic yards of sediment material will be removed from the concrete-lined channel and transported off-site to Candelaria Environmental for bioremediation. ' DES - SITE 15: This is also part of OU#1. The Fire Training Area (FTA), Site 15, was developed in 1978 and was reportedly constructed by placing an underdrain system and gravel over a clay liner. Firefighting water, solutions of Aqueous Film Forming Form (AFFF) and residual fuel used

MARCH AIR RESERVE BASE (Continued) **S104241831**

during training exercises were drained to a formely unlined water holding pond located adjacent to the FTA. Approximately 6000 gallons per year of contaminated JP-4 have been burned in training exercises since the facility was constructed in 1978. The primary contaminants of concern are Benzene, Naphthalene, 2-Methylnaphthalene and Phenanthrene. The remedial actions for Site 15 will require the handling of two streams; the evaporation pond water and soils contaminated with PAHs. Approximately 4,500 gallons of water, from the evaporation pond, will be transferred to a base sewer inlet located one-half mile from Site 15 using a 5,000-gallon vacuum truck supplied by Environmental Dynamic. Approximately 8,950 tons of contaminated soil will be transported off-site to Candelaria Environmental for bioremediation. The objectives of this remedial action were set forth in the final OU# 1 Record of Decision (ROD).

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/14/1995
Comments: RAP OU#3: This ROD/RAP presents the remedial alternative selected to remediate soil and groundwater that is contaminated with petroleum hydrocarbons and solvent beneath Operable Unit #3 (OU#3). OU#3, which encompasses the former Panero Fueling facility, is located on the aircraft apron, between the flightline shops and the taxiway. The major components of the selected alternative include: 1. Institutional control, including fencing, site use restriction, and deed restriction of groundwater use. 2. Quarterly groundwater monitoring. 3. Continued free product recovery. 4. Soil remediation using soil vapor extracion and bioventing. 5. Groundwater source remediation using surfactant and in-situ bioremediation. 6. Groundwater dissolved plume treatment using groundwater pump and treat (Air Strippers) system. The remedy is estimated to achieve cleanup goals within 30 years. Approximate cost: $22,251,655.00

Completed Area Name: OU 1
Completed Sub Area Name: STE34
Completed Document Type: Removal Action Completion Report
Completed Date: 07/11/1996
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: STE34
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/11/1996
Comments: O&M - SITE 34: An area near the oil/water separator, which was improperly installed and is adjacent to Site 34, has been identified as a potential source of the mainly hydrocarbon contamination further to the northwest. In March 1994 the AF installed and began the operation of a bioventing treatability study project at Site 34 to determine the effectiveness of bioventing at this site. This study was completed in July 1996 and successfully demonstrated the effectiveness of bioventing for this site. The Operation and Maintenance (O&M) phase will consist of monthly checks of the bioventing system, completion of operation/maintenance/repair manuals and respiration tests every 6 months of operation. In addition, oxygen, carbon dioxide and hydrocarbon concentrations from the vapor monitoring wells will be monitored on a monthly basis. The O&M of the

MARCH AIR RESERVE BASE (Continued) **S104241831**

bioventing system will be performed for a duration of one year after installation and start-up. Data collected from the monthly monitoring is evaluated and used as the basis for adjusting the air flow into the subsurface. Preventive equipment maintenance tasks, in accordance with the manufacturers recommendations, will be performed along with routing maintenance and record keeping activities. Status reports will be prepared and submitted as required for satisfactory operating control and regulatory compliance requirements. Qualified supervisory personnel will oversee execution of the O&M tasks to minimize costs, and ensure timely and accurate operating reports. ‘ DES -SITE 34: The design of the bioventing system was included in the treatability study document. A Remedial Action Workplan was submitted in July 1996 that considered bioventing the final remedial alternative at Site 34. This is consistent with the Operable Unit #1 (OU#1) signed Record of Decision (ROD). The primary advantage in using bioventing is the low cost to install, operate, maintain and monitor the system as compared to other remediation technology. The treatability study has demonstrated that the bioventing at Site 34 of the hydrocarbon contamination is cost effective, has minimal environmental impact and will achieve the cleanup standards set in the OU#1 ROD. Bioventing is the process of delivering oxygen by forced air into the soil to stimulate or enhance the natural biodegradation process of petroleum hydrocarbon contaminants within the soil. The existing bioventing system at Site 34 was designed with excess air injection capacity, therefore, it may be possible to tap into this system for use at the adjacent sites. ‘ RA - SITE 34: Soil contaminants detected during the RI/FS conducted at Site 34 include VOCs, SVOCs, Pesticides/PCBs, Oil and Grease, JP-4 and Diesel Fuel. The Air Force (AF) will characterize the newly discovered contamination at Site 34 using a soil gas survey which will provide potential locations for soil borings based on contaminant concentrations. The AF installed and successfully demonstrated the effectiveness of a bioventing system at this Site. The objectives of this remedial action is to determine the extent of the new hydrocarbon contamination at the oil/water separator, to evaluate and select the best approach to biovent the site, and to monitor that the bioremedial approach is achieving groundwater protection standards as established in the OU#1 Record of Decision (ROD).

Completed Area Name: OU-3
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/13/1996
Comments: RAP - OU#3(SITE 33): This Decision Document (DD), which is equivilant to a Remedial Action Plan (RAP), presents the selected Removal Action upgrade for March Air Reserve Base (MARB) Operable Unit #3 pump and Treat System. This removal action upgrade is selected to increase jet fuel (JP-4) free product recovery rates at OU#3. The State of California, both DTSC and the Santa Ana Regional Water Quality Control Board (RWQCB), signed a Record of Decision (ROD) for OU#3 in September 1995. However, the US Environmental Protection Agency(USEPA) and the Air Force Reserves (AFRs) declined to sign the ROD at the last minute; the USEPA invoking the petroleum exclusion section of CERCLA and the AFRs stating that the preferred alternative in the ROD is too expensive. Therefore, after considerable efforts, all parties agreed to expand and upgrade the existing free product recovery system as an interim remedy for the JP-4 free product

MARCH AIR RESERVE BASE (Continued) **S104241831**

beneath OU#3. This action addresses only JP-4 free product and does not address all contamination remaining at the site. the DD went through the RAP requirement of public review and comment.

Completed Area Name: PCAS
Completed Sub Area Name: STE18
Completed Document Type: Removal Action Completion Report
Completed Date: 04/07/1999
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: STE39
Completed Document Type: Removal Action Completion Report
Completed Date: 03/12/1999
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: STE39
Completed Document Type: * Remedial or Removal Design
Completed Date: 02/23/1999
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: STE36
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/07/2000
Comments: Site 36 - OM: A dual phase extraction system, which combines soil vapor extraction with groundwater extraction, is in operation at site 36. This document contains the Operation and Maintenance (O&M) procedures relating to operation and maintenance activities to be conducted at Site 36.

Completed Area Name: OU2
Completed Sub Area Name: STE36
Completed Document Type: Removal Action Completion Report
Completed Date: 05/26/1999
Comments: Not reported

Completed Area Name: PCAS
Completed Sub Area Name: STE18
Completed Document Type: * Remedial or Removal Design
Completed Date: 07/21/1998
Comments: Not reported

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/26/2005
Comments: Although there are unresolved issues, DTSC agrees the finalization of the work plan and leaves comments on fate and transport of VOCs and on off-base migration of VOC plumes to be discussed/disputed when the RI report becomes available.

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/04/2006

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments: The 1st Quarter 2006 OU1 Process Monitoring report is finalized

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/27/2007
Comments: As a secondary document, no comment letter is required.

Completed Area Name: PCAS
Completed Sub Area Name: SITE2
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: routine monitoring report

Completed Area Name: PCAS
Completed Sub Area Name: STE18
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: routine monitoring report

Completed Area Name: PCAS
Completed Sub Area Name: STE27
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: routine monitoring report

Completed Area Name: PCAS
Completed Sub Area Name: STE33
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/05/2007
Comments: Routine monitoring report reviewed by RWQCB

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 10/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/02/2009
Comments: 5 year review report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/08/2010
Comments: The report may be finalized

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 01/06/2011
Comments: DTSC sent a no-comment letter.

Completed Area Name: PROJECT WIDE

MARCH AIR RESERVE BASE (Continued) **S104241831**

Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 04/19/2011
Comments: Secondary document, no approval required.

Completed Area Name: OU2
Completed Sub Area Name: SITE8
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 03/29/2012
Comments: Data to be used in Sites 8 & 36 FFS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2014
Comments: secondary document for groundwater monitoring data

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/2003
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision w/ESD
Completed Date: 01/29/2014
Comments: The remedy for site soil has been changed to excavation and disposal

Completed Area Name: OU 1
Completed Sub Area Name: FT29
Completed Document Type: Remedial Investigation Report
Completed Date: 08/20/2013
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 08/19/2013
Comments: Not reported

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 08/08/2013

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments: Accepted on Aug 8, 2013

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/16/2013
Comments: Not reported

Completed Area Name: * BASEWIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 12/18/2013
Comments: Not reported

Completed Area Name: OU 5
Completed Sub Area Name: Site 49
Completed Document Type: Monitoring Report
Completed Date: 08/21/2014
Comments: Not reported

Completed Area Name: OU 5
Completed Sub Area Name: Site 49
Completed Document Type: Monitoring Report
Completed Date: 08/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/12/2014
Comments: Not reported

Completed Area Name: OU 1
Completed Sub Area Name: EGETS
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/12/2006
Comments: Not reported

Future Area Name: OU2
Future Sub Area Name: SITE8
Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2017
Future Area Name: OU 1
Future Sub Area Name: FT29
Future Document Type: Proposed Plan
Future Due Date: 2016
Future Area Name: OU 1
Future Sub Area Name: FT29
Future Document Type: Record of Decision - Amendment
Future Due Date: 2017
Future Area Name: OU 5

MARCH AIR RESERVE BASE (Continued) **S104241831**

Future Sub Area Name:	Site 49
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2019
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2017
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2018
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2017
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2019
Future Area Name:	OU2
Future Sub Area Name:	SITE8
Future Document Type:	Proposed Plan
Future Due Date:	2018
Future Area Name:	OU2
Future Sub Area Name:	SITE8
Future Document Type:	Record of Decision
Future Due Date:	2018
Future Area Name:	OU 1
Future Sub Area Name:	STE34
Future Document Type:	Removal Action Completion Report
Future Due Date:	2017
Future Area Name:	OU 1
Future Sub Area Name:	Site 5
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2016
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Record of Decision
Future Due Date:	2019
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2018
Future Area Name:	OU2
Future Sub Area Name:	STE36
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2019
Future Area Name:	OU 5
Future Sub Area Name:	Site 49
Future Document Type:	Design/Implementation Workplan
Future Due Date:	2020
Future Area Name:	OU2
Future Sub Area Name:	SITE8
Future Document Type:	Remedial Investigation Report
Future Due Date:	2017
Future Area Name:	OU 5
Future Sub Area Name:	Site 49

MARCH AIR RESERVE BASE (Continued) **S104241831**

Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2017
Future Area Name: OU 5
Future Sub Area Name: Site 49
Future Document Type: Proposed Plan
Future Due Date: 2018
Future Area Name: OU 1
Future Sub Area Name: Not reported
Future Document Type: Record of Decision
Future Due Date: 2017
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

Calsite:
Region: GLENDALE
Facility ID: 33970004
Facility Type: OPEN
Type: OPEN MILITARY BASE
Branch: SO
Branch Name: OMF-SOUTHERN CALIF
File Name: Not reported
State Senate District: 07131998
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 97
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
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: SNIOU
Supervisor Responsible for Site: Not reported
Region Water Control Board: SA
Region Water Control Board Name: SANTA ANA
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 62
State Senate District Code: 32
Facility ID: 33970004
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU2
Proposed Budget: 0
AWP Completion Date: 12312004
Revised Due Date: 06302006
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE34
Proposed Budget:	0
AWP Completion Date:	07111996
Revised Due Date:	Not reported
Comments Date:	07111996
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE33
Proposed Budget:	0
AWP Completion Date:	07081996
Revised Due Date:	Not reported
Comments Date:	07081996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	PANER
Proposed Budget:	0
AWP Completion Date:	06171996
Revised Due Date:	Not reported
Comments Date:	06171996
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:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	SIT31
Proposed Budget:	0
AWP Completion Date:	05081996
Revised Due Date:	Not reported
Comments Date:	05081996
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SIT31
Proposed Budget:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

AWP Completion Date:	05081996
Revised Due Date:	Not reported
Comments Date:	05081996
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SIT11
Proposed Budget:	0
AWP Completion Date:	05011996
Revised Due Date:	Not reported
Comments Date:	05011996
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):	380
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	CONTAMINATED SOIL REMOVED AND STOCKPILED AT SITE 15 FOR REMEDIATION
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE 1
Proposed Budget:	0
AWP Completion Date:	03251996
Revised Due Date:	Not reported
Comments Date:	03251996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE 9
Proposed Budget:	0
AWP Completion Date:	03251996
Revised Due Date:	Not reported
Comments Date:	03251996
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE10
Proposed Budget:	0
AWP Completion Date:	02021996
Revised Due Date:	Not reported
Comments Date:	02021996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

Unknown Type:	0
Facility ID:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE15
Proposed Budget:	0
AWP Completion Date:	02021996
Revised Due Date:	Not reported
Comments Date:	02021996
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:	33970004
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU-3
Proposed Budget:	0
AWP Completion Date:	09141995
Revised Due Date:	Not reported
Comments Date:	09141995
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE34
Proposed Budget:	0
AWP Completion Date:	07111996
Revised Due Date:	Not reported
Comments Date:	07111996

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	STE34
Proposed Budget:	0
AWP Completion Date:	07111996
Revised Due Date:	Not reported
Comments Date:	07111996
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:	33970004
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	OU-3
Proposed Budget:	0
AWP Completion Date:	11131996
Revised Due Date:	Not reported
Comments Date:	11131996
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SITEB
Proposed Budget:	0
AWP Completion Date:	04102000
Revised Due Date:	Not reported
Comments Date:	04102000
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	RA

MARCH AIR RESERVE BASE (Continued) **S104241831**

Activity Name:	REMOVAL ACTION
AWP Code:	STE18
Proposed Budget:	0
AWP Completion Date:	04071999
Revised Due Date:	Not reported
Comments Date:	04071999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	GROUNDWATER LEVELS ARE DEPRESSED TO EXPOSE CONTAMINATED SATURATED SOIL FOR CLEANUP BY COMBINED SOIL VAPOR EXTRACTION, AND SOIL AERATION/BIO-VENTING. SVE = 137 SCFM
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	06302007
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE39
Proposed Budget:	0
AWP Completion Date:	03121999
Revised Due Date:	Not reported
Comments Date:	03121999
Est Person-Yrs to complete:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	3000
Liquids Treated (Gals):	3000
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	A BIOVENTING (AIR INJECTION) WELL, TWO BIOVENTING MONITORING PROBES, CONVEYANCE PIPING, AN AIR BLOWER, AND MECHANICAL AND ELECTRICAL APPURTENANCES.
For Commercial Reuse:	1
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE39
Proposed Budget:	0
AWP Completion Date:	02231999
Revised Due Date:	Not reported
Comments Date:	02231999
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:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312004
Revised Due Date:	12312006
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

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	STE36
Proposed Budget:	0
AWP Completion Date:	02072000
Revised Due Date:	Not reported
Comments Date:	02072000
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:	33970004
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE36
Proposed Budget:	0
AWP Completion Date:	05261999
Revised Due Date:	Not reported
Comments Date:	05261999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	INSTALLATION OF A GROUNDWATER EXTRACTION AND TREATMENT SYSTEM IN COMBINATION WITH A SYSTEM FOR SOIL VAPOR EXTRACTION(SVE).
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

Facility ID:	33970004
Activity:	DES
Activity Name:	DESIGN
AWP Code:	STE18
Proposed Budget:	0
AWP Completion Date:	07211998
Revised Due Date:	Not reported
Comments Date:	07211998
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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE33
Proposed Budget:	0
AWP Completion Date:	12312007
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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE27
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	SITE8
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	SITE2
Proposed Budget:	0
AWP Completion Date:	12312006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

MARCH AIR RESERVE BASE (Continued) **S104241831**

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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	B2307
Proposed Budget:	0
AWP Completion Date:	06302007
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:	33970004
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE18
Proposed Budget:	0
AWP Completion Date:	12312007
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
Alternate Address:	2374 ACRES; EAST OF RIVERSIDE
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Alternate Address:	2990 GRAEBER STREET

MARCH AIR RESERVE BASE (Continued) **S104241831**

Alternate City,St,Zip:	MORENO VALLEY, CA 92518
Alternate Address:	3,545 ACRES; EAST OF RIVERSIDE
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Background Info:	This facility is an active U.S. Air Reserve Base part of the the Air Mobility Command (AMC). The Base's mission is to maintain an effective air to air refueling operation capability. Operations at the Base include: maintenance and repair of air- craft, vehicl es and equipment; operation of a photo lab and printing plant; an d fuel management. March AFB has historically generated the follo wing hazardous wastes: petroleum, oil and lubricants (POLs), chlo rinated and nonclorinated solvents, corrosives, antifreeze, paint and paint strippers, carbon removers and photographic chemicals. Past activities which have resulted in contamination at the base include burning waste in fire fighting training exercises and di scharges to sanitary sewers and storm drains. Groundwater has bee n contaminated with trichloroethylene (TCE). Groundwater is the p rimary source of potable water in this area. There is a potential for contamination of soils and surface water. This base was incl uded on the NPL in 1989. A Federal Facilities Agreement (FFA) was signed between EPA, DHS, the Santa Ana RWQCB and the Air Force i n September 1990, to provide for the remediation of the Base. The Base has been divided into three groups, or operable units, whic h are similar to the State's removal actions, for remediation. Th ese groups are: 1) ground- water and soil for areas along the eas t boundary and off base plume, 2) groundwater and soil for areas not included in units 1 & 3, and 3) groundwater and soil in area 33.
Comments Date:	02021996
Comments:	the final OU#1 Record of Decision (ROD). Approximately 15 cubic y
Comments Date:	02021996
Comments:	ards of sediment material will be removed from the concrete-lined
Comments Date:	02021996
Comments:	channel and transported off-site to Candelaria Environmental for
Comments Date:	02021996
Comments:	bioremediation. DES - SITE 15: This is also part of OU#1. The
Comments Date:	07241998
Comments:	DES - SITE18: The remediation technology for Site 18 is based
Comments Date:	07241998
Comments:	on depressing the groundwater levels to expose contaminated
Comments Date:	07241998
Comments:	saturated soils for cleanup by combined soil vapor extraction,
Comments Date:	05011996
Comments:	(Fuel Pump Station Building 2202 and Building 2340. These fuel l
Comments Date:	05011996
Comments:	ines transport fuels from the fuel storage tanks tot he flight li
Comments Date:	05011996
Comments:	ne to enable refueling of aircraft. Leakage of the fuel line was
Comments Date:	06011999
Comments:	five extraction wells, 2) Constructing a small concrete pad to
Comments Date:	06011999
Comments:	support process equipment. 3) Installing groundwater and vapor
Comments Date:	06011999
Comments:	conveyance piping and other necessary equipment to convey soil
Comments Date:	01311996
Comments:	RIFS - SITE L: This EE/CA has been prepared to address a removal
Comments Date:	01311996
Comments:	action proposed for Site L. The swimming pool was converted to a

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	01311996
Comments:	waste disposal area for various base wastes including wastes oils
Comments Date:	01311996
Comments:	, solvents, asbestos-containing material, and polychlorinated
Comments Date:	01311996
Comments:	biphenyls (PCBs). The primary sources of contamination are the
Comments Date:	01311996
Comments:	drums, transformers, or other bulk containers which may have been
Comments Date:	01311996
Comments:	disposed of into the former swimming pool, the secondary source
Comments Date:	01311996
Comments:	of contamination is soil or debris saturated with or containing
Comments Date:	01311996
Comments:	high concentrations of contaminants in the immediate areas
Comments Date:	01311996
Comments:	surrounding the primary source, and the concrete containment of
Comments Date:	01311996
Comments:	the swimming pool area is also considered as a possible secondary
Comments Date:	01311996
Comments:	source. The actual type and quantity of wastes in the pool are
Comments Date:	01311996
Comments:	unknown at this time. If the wastes are not currently adequately
Comments Date:	01311996
Comments:	contained, there is a likelihood that both the subsurface soils
Comments Date:	01311996
Comments:	and/or groundwater may continue to be impacted by the wastes. Due
Comments Date:	01311996
Comments:	to the variety of wastes which may be encountered and the
Comments Date:	01311996
Comments:	differences in treating or disposing of those wastes, a
Comments Date:	01311996
Comments:	combination of alternatives is proposed.
Comments Date:	02021996
Comments:	DES - SITE 10: This is part of OU#1. The drainage channel, which
Comments Date:	02021996
Comments:	was installed prior to 1940, has reportedly received various oils
Comments Date:	02021996
Comments:	, hydraulic fluids, diesel fuel, jet fuel, waste paints, paint s
Comments Date:	02021996
Comments:	trippers, paint thinners, battery acids and solvents. The draina
Comments Date:	02021996
Comments:	ge channel is concretelined (since the 1960s) up to the eastern b
Comments Date:	02021996
Comments:	oundary of the base where it discharges to the Perris Valley stor
Comments Date:	02021996
Comments:	m drain. The objectives of this remediation of contaminated sedi
Comments Date:	02021996
Comments:	ment from Site 10, pursuant to the cleanup criteria set forth in
Comments Date:	02021996
Comments:	Fire Training Area (FTA), Site 15, was developed in 1978 and was
Comments Date:	02021996
Comments:	reportedly constructed by placing an underdrain system and grave
Comments Date:	02021996
Comments:	l over a clay liner. Firefighting water, solutions of Aqueous Fil
Comments Date:	02021996
Comments:	m Forming Form (AFFF) and residual fuel used during training exer
Comments Date:	02021996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	cises were drained to a formely unlined water holding pond locate
Comments Date:	02021996
Comments:	d adjacent to the FTA. Approximately 6000 gallons per year of co
Comments Date:	02021996
Comments:	ntaminated JP-4 have been burned in training exercises since the
Comments Date:	02021996
Comments:	facility was constructed in 1978. The primary contaminants of co
Comments Date:	02021996
Comments:	ncern are Benzene, Naphthalene, 2-Methylnaphthalene and Phenanthr
Comments Date:	02021996
Comments:	ene. The remedial actions for Site 15 will require the handling
Comments Date:	02021996
Comments:	of two streams; the evaporation pond water and soils contaminated
Comments Date:	02021996
Comments:	with PAHs. Approximately 4,500 gallons of water, from the evapo
Comments Date:	02021996
Comments:	ration pond, will be transferred to a base sewer inlet located on
Comments Date:	02021996
Comments:	e-half mile from Site 15 using a 5,000-gallon vacuum truck suppli
Comments Date:	02021996
Comments:	ed by Environmental Dynamic. Approximately 8,950 tons of contami
Comments Date:	02021996
Comments:	nated soil will be transported off-site to Candelaria Environment
Comments Date:	02021996
Comments:	al for bioremediation. The objectives of this remedial action we
Comments Date:	02021996
Comments:	re set forth in the final OU# 1 Record of Decision (ROD).
Comments Date:	02072000
Comments:	to be conducted at Site 36.
Comments Date:	02072000
Comments:	Site 36 - OM: A dual phase extraction system, which combines soi
Comments Date:	02072000
Comments:	l vapor extraction with groundwater extraction, is in operation a
Comments Date:	02072000
Comments:	t site 36. This document contains the Operation and Maintenance
Comments Date:	02072000
Comments:	(O&M) procedures relating to operation and maintenance activities
Comments Date:	02241999
Comments:	DES - Site 39: The remedial design objective for Site 39 is to
Comments Date:	02241999
Comments:	reduce the contaminant concentrations in the subsurface soil and
Comments Date:	02241999
Comments:	prevent further degradation of groundwater through contaminant
Comments Date:	02241999
Comments:	migration. The remedial system will include the installation of
Comments Date:	02241999
Comments:	a soil bioventing system. The system will be comprised of a
Comments Date:	02241999
Comments:	bioventing (air injection) well, two bioventing monitoring
Comments Date:	02241999
Comments:	proves, conveyance piping, an air blower, and mechanical and
Comments Date:	02241999
Comments:	mechanical and electrical appurtenances. The estimated remedial
Comments Date:	02241999
Comments:	time is 2 years and the volume of soil to be treated is approx.
Comments Date:	02241999
Comments:	3000 cubic yards.

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	03251996
Comments:	RIFS - SITE 9: The removal of the OW/S will eliminate a potential
Comments Date:	03251996
Comments:	source area for groundwater contamination in the future. This S
Comments Date:	03251996
Comments:	ite Specific Action Memorandum was prepared to evaluate and ident
Comments Date:	03251996
Comments:	ify the most effective remedial alternative to remove the OW/S an
Comments Date:	03251996
Comments:	d dispose of the expected 100 cubic yards of oil contaminated soi
Comments Date:	03251996
Comments:	l. On-base consolidation with Site 6 lined waste cell provides t
Comments Date:	03251996
Comments:	he maximum level of regulatory compliance within the lowest cost
Comments Date:	03251996
Comments:	level and is compatible with land use. Site 9 is recommended for
Comments Date:	03251996
Comments:	military reuse under the Joint Power Authority preferred alterna
Comments Date:	03251996
Comments:	tive. Site 9 vicinity may potentially have Beechy's Squirrel and
Comments Date:	03251996
Comments:	Burrowing Owl, but excavation activities will be focused on the
Comments Date:	03251996
Comments:	OW/S. No potential wetlands are located in Site 9 vicinity. RIF
Comments Date:	03251996
Comments:	S - SITE 1: Soil sampling at Site 1 detected polycyclic aromatic
Comments Date:	03251996
Comments:	hydrocarfons (PAHs) as contaminant of concerns. Ground- water sam
Comments Date:	03251996
Comments:	ples detected metals; however, only manganese was detected above
Comments Date:	03251996
Comments:	US Environmental Protection Agency Preliminary remediation Goals
Comments Date:	03251996
Comments:	(PRGs). Soil from Site 1 was excavated during construction of th
Comments Date:	03251996
Comments:	e Air National Guard Alert Facility. Approximately, 3,100 cubic y
Comments Date:	03251996
Comments:	ards of PAH contaminated soil has been stockpiled on-site under p
Comments Date:	03251996
Comments:	lastic sheeting pending disposal. The risk assessment for Site 1
Comments Date:	03251996
Comments:	determined that no human health risk was present at the site beca
Comments Date:	03251996
Comments:	use the exposure pathway was limited. Now that the soil has been
Comments Date:	03251996
Comments:	disturbed, the soil stockpiled at Site 1 needs to be removed to p
Comments Date:	03251996
Comments:	reclude further exposure. This Site Specific Action Memorandum w
Comments Date:	03251996
Comments:	as prepared to evaluate and identify the most effective disposal
Comments Date:	03251996
Comments:	alternative. The site is planned for Air National Guard use and w
Comments Date:	03251996
Comments:	ill remain in military use. Site 1 is not a habitat for any enda
Comments Date:	03251996
Comments:	ngered species and no perennial wetlands are located in its vicin
Comments Date:	03251996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	ity.
Comments Date:	04081999
Comments:	RA - SITE 18: The construction of the remedial action for Site 18
Comments Date:	04081999
Comments:	was completed on February 23, 1999 and the system started on
Comments Date:	04081999
Comments:	Friday 26, 1999. The remediation technology for Site 18 is based
Comments Date:	04081999
Comments:	on depressing the groundwater levels to expose contaminated
Comments Date:	04081999
Comments:	saturated soils for cleanup by combined soil vapor extraction,and
Comments Date:	04081999
Comments:	soil aeration/bioventing, free product removal by vaporization
Comments Date:	04081999
Comments:	and phase separation as necessary, and dissolved through the
Comments Date:	04081999
Comments:	groundwater pump and treat and by natural attenuation/biochemical
Comments Date:	04081999
Comments:	degradation mechanisms. The extracted groundwater is pre-treated
Comments Date:	04081999
Comments:	to remove any free product before transfer by pipline to the Site
Comments Date:	04081999
Comments:	31 treatment facility for treatment by granular activated carbon.
Comments Date:	04081999
Comments:	Any free product is collected via skimmer pump and contained for
Comments Date:	04081999
Comments:	disposal. A soil vapor extraction and treatment system (thermal
Comments Date:	04081999
Comments:	oxidizer) unit was installed at site 18 to treat the recovered
Comments Date:	04081999
Comments:	hydrocarbon vapors locally, before discharging to the atmosphere.
Comments Date:	05011996
Comments:	RA - SITE 11: Site 11 is part of OU#2. It includes an area design
Comments Date:	05011996
Comments:	ated as the Liquid Fuels Management, Bulk Storage Facility. The l
Comments Date:	05011996
Comments:	eaking fuel line section was between the tank car unloading dock
Comments Date:	06011999
Comments:	vapor and groundwater to the treatment pad. 4)Installing process
Comments Date:	06011999
Comments:	equipment for treating contaminated soil vapor and groundwater.
Comments Date:	06011999
Comments:	5) Performing system startup including sampling of vapor and
Comments Date:	06011999
Comments:	groundwater, and system optimization.
Comments Date:	06171996
Comments:	O&M Site 33(PANERO): The Site 33 Pump and Treat System (PTS) cons
Comments Date:	06171996
Comments:	ists of flow equalization tanks, an oil-water separator, air stri
Comments Date:	06171996
Comments:	pping, thermal oxidation of air stripper off-gas, and granular ac
Comments Date:	06171996
Comments:	tivated carbon polishing of the air stripper effluent. An interna
Comments Date:	06171996
Comments:	l combustion engine is used to treat vapors recovered by vapor ex
Comments Date:	06171996
Comments:	traction of the pumping wells. The PTS is designed to sustain co

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	06171996
Comments:	ntinuous operation without direct operator control. Periodic surv
Comments Date:	06171996
Comments:	eillance and maintenance will be required to ensure reliable oper
Comments Date:	06171996
Comments:	ation and compliance with regulatory requirements. Process perfor
Comments Date:	06171996
Comments:	ming monitoring of the vapor and water treatment systems will be
Comments Date:	06171996
Comments:	conducted. This includes on-site sampling and tests of the influ
Comments Date:	06171996
Comments:	ent streams, intermittent treatment points and the effluent strea
Comments Date:	06171996
Comments:	ms to verify satisfactory operation, and timely change-out of the
Comments Date:	06171996
Comments:	GAC treatment units to maintain regulatory discharge limits and
Comments Date:	06171996
Comments:	cost effectiveness. Preventive equipment maintenance tasks, in a
Comments Date:	06171996
Comments:	ccordance with the manufacturers recommend -ations, will be perfo
Comments Date:	06171996
Comments:	rmed along with routine maintenance and record keeping activities
Comments Date:	06171996
Comments:	. Normally, one field technician will be required to perform the
Comments Date:	06171996
Comments:	routine O&M tasks, including well inspections and maintenance, p
Comments Date:	06171996
Comments:	ump overhauls, process instrument calibrations, equipment repairs
Comments Date:	06171996
Comments:	and replacements. The manufacturer shall have local service rep
Comments Date:	06171996
Comments:	resentatives capable of responding to equipment failures or probl
Comments Date:	06171996
Comments:	ems within 3 hours of initial contact.
Comments Date:	07111996
Comments:	O&M - SITE 34: An area near the oil/water separator, which was im
Comments Date:	07111996
Comments:	properly installed and is adjacent to Site 34, has been identifie
Comments Date:	07111996
Comments:	d as a potential source of the mainly hydrocarbon contamination f
Comments Date:	07111996
Comments:	urther to the northwest. In March 1994 the AF installed and bega
Comments Date:	07111996
Comments:	n the operation of a bioventing treatability study project at Sit
Comments Date:	07111996
Comments:	e 34 to determine the effectiveness of bioventing at this site.
Comments Date:	07111996
Comments:	This study was completed in July 1996 and successfully demonstrat
Comments Date:	07111996
Comments:	ed the effectiveness of bioventing for this site. The Operation a
Comments Date:	07111996
Comments:	nd Maintenance (O&M) phase will consist of monthly checks of the
Comments Date:	07111996
Comments:	bioventing system, completion of operation/maintenance/repair man
Comments Date:	07111996
Comments:	uals and respiration tests every 6 months of operation. In addit
Comments Date:	07111996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	ion, oxygen, carbon dioxide and hydrocarbon concentrations from t
Comments Date:	07111996
Comments:	he vapor monitoring wells will be monitored on a monthly basis. T
Comments Date:	07111996
Comments:	he O&M of the bioventing system will be performed for a duration
Comments Date:	07111996
Comments:	of one year after installation and start-up. Data collected from
Comments Date:	07111996
Comments:	the monthly monitoring is evaluated and used as the basis for ad
Comments Date:	07111996
Comments:	justing the air flow into the subsurface. Preventive equipment m
Comments Date:	07111996
Comments:	aintenance tasks, in accordance with the manufacturers recommenda
Comments Date:	07111996
Comments:	tions, will be performed along with routing maintenance and recor
Comments Date:	07111996
Comments:	d keeping activities. Status reports will be prepared and submit
Comments Date:	07111996
Comments:	ted as required for satisfactory operating control and regulatory
Comments Date:	07111996
Comments:	compliance requirements. Qualified supervisory personnel will o
Comments Date:	07111996
Comments:	versee execution of the O&M tasks to minimize costs, and ensure t
Comments Date:	07111996
Comments:	imely and accurate operating reports. DES -SITE 34: The design
Comments Date:	07111996
Comments:	of the bioventing system was included in the treatability study d
Comments Date:	07111996
Comments:	ocument. A Remedial Action Workplan was submitted in July 1996 t
Comments Date:	07111996
Comments:	hat considered bioventing the final remedial alternative at Site
Comments Date:	07111996
Comments:	34. This is consistent with the Operable Unit #1 (OU#1) signed R
Comments Date:	07111996
Comments:	ecord of Decision (ROD). The primary advantage in using bioventi
Comments Date:	07111996
Comments:	ng is the low cost to install, operate, maintain and monitor the
Comments Date:	07111996
Comments:	system as compared to other remediation technology. The treatabi
Comments Date:	07111996
Comments:	lity study has demonstrated that the bioventing at Site 34 of the
Comments Date:	07111996
Comments:	hydrocarbon contamination is cost effective, has minimal environ
Comments Date:	07111996
Comments:	mental impact and will achieve the cleanup standards set in the O
Comments Date:	07111996
Comments:	U#1 ROD. Bioventing is the process of delivering oxygen by force
Comments Date:	07111996
Comments:	d air into the soil to stimulate or enhance the natural biodegrad
Comments Date:	07111996
Comments:	ation process of petroleum hydrocarbon contaminants within the so
Comments Date:	07111996
Comments:	il. The existing bioventing system at Site 34 was designed with
Comments Date:	07111996
Comments:	excess air injection capacity, therefore, it may be possible to t
Comments Date:	07111996
Comments:	ap into this system for use at the adjacent sites. RA - SITE 34

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	07111996
Comments:	: Soil contaminants detected during the RI/FS conducted at Site 3
Comments Date:	07111996
Comments:	4 include VOCs, SVOCs, Pesticides/PCBs, Oil and Grease, JP-4 and
Comments Date:	07111996
Comments:	Diesel Fuel. The Air Force (AF) will characterize the newly disc
Comments Date:	07111996
Comments:	overed contamination at Site 34 using a soil gas survey which wil
Comments Date:	07111996
Comments:	l provide potential locations for soil borings based on contamina
Comments Date:	07111996
Comments:	nt concentrations. The AF installed and successfully demonstrated
Comments Date:	07111996
Comments:	the effectiveness of a bioventing system at this Site. The obje
Comments Date:	07111996
Comments:	ctives of this remedial action is to determine the extent of the
Comments Date:	07111996
Comments:	new hydrocarbon contamination at the oil/water separator, to eval
Comments Date:	07111996
Comments:	uate and select the best approach to biovent the site, and to mon
Comments Date:	07111996
Comments:	itor that the bioremedial approach is achieving groundwater prote
Comments Date:	07111996
Comments:	ction standards as established in the OU#1 Record of Decision (RO
Comments Date:	07111996
Comments:	D).
Comments Date:	07241998
Comments:	and soil aeration/bioventing, free product removal by vaporiza-
Comments Date:	07241998
Comments:	tion and phase separation as necessary, and dissolved through the
Comments Date:	07241998
Comments:	groundwater pump and treat and by natural attenuation/biochemical
Comments Date:	07241998
Comments:	degradation mechanisms. The extracted groundwater would be pre-
Comments Date:	07241998
Comments:	treated to remove any free product before transfer by pipeline to
Comments Date:	07241998
Comments:	the Site 31 treatment facility for treatment by granular acti-
Comments Date:	07241998
Comments:	vated carbon. Any free product would be collected via skimmer
Comments Date:	07241998
Comments:	pump and contained for disposal. A soil vapor extraction and
Comments Date:	07241998
Comments:	treatment system(thermal oxidizer) unit will be installed at site
Comments Date:	07241998
Comments:	18 to treat the recovered hydrocarbon vapors locally, before
Comments Date:	07241998
Comments:	discharging to the atmosphere.
Comments Date:	09141995
Comments:	RAP OU#3: This ROD/RAP presents the remedial alternative selected
Comments Date:	09141995
Comments:	to remediate soil and groundwater that is contaminated with petr
Comments Date:	09141995
Comments:	oleum hydrocarbons and solvent beneath Operable Unit #3 (OU#3). O
Comments Date:	09141995
Comments:	U#3, which encompasses the former Panero Fueling facility, is loc
Comments Date:	09141995

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	ated on the aircraft apron, between the flightline shops and the
Comments Date:	09141995
Comments:	taxiway. The major components of the selected alternative include
Comments Date:	09141995
Comments:	: 1. Institutional control, including fencing, site use restri
Comments Date:	09141995
Comments:	ction, and deed restriction of groundwater use. 2. Quarterly grou
Comments Date:	09141995
Comments:	ndwater monitoring. 3. Continued free product recovery. 4. Soil r
Comments Date:	09141995
Comments:	emediation using soil vapor extracion and bioventing. 5. Groundwa
Comments Date:	09141995
Comments:	ter source remediation using surfactant and in-situ bioremediatio
Comments Date:	09141995
Comments:	n. 6. Groundwater dissolved plume treatment using groundwater pum
Comments Date:	09141995
Comments:	p and treat (Air Strippers) system. The remedy is estimated to ac
Comments Date:	09141995
Comments:	hieve cleanup goals within 30 years. Approximate cost: $22,251
Comments Date:	09141995
Comments:	,655.00
Comments Date:	11131996
Comments:	RAP - OU#3(SITE 33): This Decision Document (DD), which is equivi
Comments Date:	11131996
Comments:	lant to a Remedial Action Plan (RAP), presents the selected Remov
Comments Date:	11131996
Comments:	al Action upgrade for March Air Reserve Base (MARB) Operable Unit
Comments Date:	11131996
Comments:	#3 pump and Treat System. This removal action upgrade is select
Comments Date:	11131996
Comments:	ed to increase jet fuel (JP-4) free product recovery rates at OU#
Comments Date:	11131996
Comments:	3. The State of California, both DTSC and the Santa Ana Regional
Comments Date:	11131996
Comments:	Water Quality Control Board (RWQCB), signed a Record of Decision
Comments Date:	11131996
Comments:	(ROD) for OU#3 in September 1995. However, the US Environmental
Comments Date:	11131996
Comments:	Protection Agency(USEPA) and the Air Force Reserves (AFRs) decli
Comments Date:	11131996
Comments:	ned to sign the ROD at the last minute; the USEPA invoking the pe
Comments Date:	11131996
Comments:	troleum exclusion section of CERCLA and the AFRs stating that the
Comments Date:	11131996
Comments:	preferred alternative in the ROD is too expensive. Therefore, a
Comments Date:	11131996
Comments:	fter considerable efforts, all parties agreed to expand and upgra
Comments Date:	11131996
Comments:	de the existing free product recovery system as an interim remedy
Comments Date:	11131996
Comments:	for the JP-4 free product beneath OU#3. This action addresses o
Comments Date:	11131996
Comments:	nly JP-4 free product and does not address all contamination rema
Comments Date:	11131996
Comments:	ining at the site. the DD went through the RAP requirement of pu
Comments Date:	11131996
Comments:	blic review and comment.

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	05011996
Comments:	discovered when March AFB personnel noticed a loss in line press
Comments Date:	05011996
Comments:	ure during an integrity test of a section of the line between the
Comments Date:	05011996
Comments:	fuel pump station and the flight line. Visual indications of a
Comments Date:	05011996
Comments:	fuel leak were also observed in and around the concrete valult lo
Comments Date:	05011996
Comments:	cated adjacent to the fuel pump station. The objective of the Imm
Comments Date:	05011996
Comments:	ediate Response Action was to remove and replace the leaking sect
Comments Date:	05011996
Comments:	ion of the sub-surface JP-8 fuel line. This was accomplished with
Comments Date:	05011996
Comments:	in a very tight schedule (approx. seven days) to prevent the use
Comments Date:	05011996
Comments:	of outside trucks for delivery of fuels to the aircrafts. The re
Comments Date:	05011996
Comments:	moval action consisted of trenching to expose the sub-surface fue
Comments Date:	05011996
Comments:	l lines and associated vault area including the demolishing and r
Comments Date:	05011996
Comments:	emoval of overlaying asphalt and concrete, the removal of a 230 f
Comments Date:	05011996
Comments:	oot of JP-8 fuel line and a 210 foot section of an inactive JP-8
Comments Date:	05011996
Comments:	line was also removed, the placement of a new 8 inch steel JP-8 f
Comments Date:	05011996
Comments:	uel line and a 12 inch steel road crossing sleeve and reconstruct
Comments Date:	05011996
Comments:	ion of demolished concrete vault. Approximately, 380 cubic yards
Comments Date:	05011996
Comments:	of contaminated soil was removed and stockpiled at Site 15 for r
Comments Date:	05011996
Comments:	emediation. Upon getting the new pipe section on-line the general
Comments Date:	05011996
Comments:	site area was landscaped and restored to the original condition
Comments Date:	05011996
Comments:	to the extent possible. This included the backfilling maximum dr
Comments Date:	05011996
Comments:	y density of the soil, and the replacement of the overlaying asph
Comments Date:	05011996
Comments:	alt.
Comments Date:	05081996
Comments:	DES - SITE 31: This is part of OU #1. The practice of dis- charg
Comments Date:	05081996
Comments:	ing solvents on the ground reportedly occurred from about the mid
Comments Date:	05081996
Comments:	-1950s to the mid-1970s. In addition, floor drains from maintenan
Comments Date:	05081996
Comments:	ce shops may have leaked solvents to the subsurface. The primary
Comments Date:	05081996
Comments:	contaminants of concern at Site 31 are Trichloro- ethylene (PCE),
Comments Date:	05081996
Comments:	and traces of other chlorinated solvents. The contaminants are
Comments Date:	05081996

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments:	contained within the soils and the groundwater and will require r
Comments Date:	05081996
Comments:	emediation to prevent further contamination of the OU#1 groundwat
Comments Date:	05081996
Comments:	er. Extensive studies to identify source locations, determine si
Comments Date:	05081996
Comments:	te characteristics and evaluate cost effective remedial alternati
Comments Date:	05081996
Comments:	ves have been performed. A dual phase extraction technology coup
Comments Date:	05081996
Comments:	led with granular activated carbon treatment of extracted groundw
Comments Date:	05081996
Comments:	ater and soil vapor has been selected based on a pilot scale syst
Comments Date:	05081996
Comments:	em shown to be a cost- effective method for remediation of this S
Comments Date:	05081996
Comments:	ite. The treatment system shall discharge treated water that wi
Comments Date:	05081996
Comments:	ll have a daily average concentration of 0.5 ppb TCE or less, and
Comments Date:	05081996
Comments:	never will exceed a concentration of 5 ppb TCE. Treated groundw
Comments Date:	05081996
Comments:	ater will be reinjected into the aquifer combined with discharge
Comments Date:	05081996
Comments:	of excess water to the Heacock Storm drain and/or the base sanita
Comments Date:	05081996
Comments:	ry sewer system, as required. Installation of process equipment,
Comments Date:	05081996
Comments:	surface piping and electrical facilities is planned for the end
Comments Date:	05081996
Comments:	of April, and startup of the system July 1996. This remedial act
Comments Date:	05081996
Comments:	ion complies with the statutory preference for remedies as specif
Comments Date:	05081996
Comments:	ied in the Record of Decision (ROD) for OU#1. O&M SITE 31: The
Comments Date:	05081996
Comments:	Site 31 dual phase extraction and treatment system is designed to
Comments Date:	05081996
Comments:	sustain continuous operation without direct operator control. P
Comments Date:	05081996
Comments:	eriodic surveillance and maintenance will be required to ensure r
Comments Date:	05081996
Comments:	eliable operation and compliance with regulatory requirement. Pr
Comments Date:	05081996
Comments:	ocess performing monitoring of the vapor and water treatment syst
Comments Date:	05081996
Comments:	ems will be conducted. This includes on-site sampling and tests
Comments Date:	05081996
Comments:	of the influent streams, intermittent treatment points and the ef
Comments Date:	05081996
Comments:	fluent streams to verify satisfactory operation, and timely chang
Comments Date:	05081996
Comments:	e-out of the GAC treat- ment units to maintain regulatory dischar
Comments Date:	05081996
Comments:	ge limits and cost effectiveness. Preventive equipment maintenan
Comments Date:	05081996
Comments:	ce tasks, in accordance with the manufacturers recommendations, w

MARCH AIR RESERVE BASE (Continued) **S104241831**

Comments Date:	05081996
Comments:	ill be performed along with routine maintenance and record keepin
Comments Date:	05081996
Comments:	g activities. It is expected that the carbon change-out frequenc
Comments Date:	05081996
Comments:	y will gradually decrease as the soil and groundwater contaminant
Comments Date:	05081996
Comments:	levels decline with ongoing treatment. Initially the change-out
Comments Date:	05081996
Comments:	s may occur once every 1-2 months and subsequently may decrease t
Comments Date:	05081996
Comments:	o once or twice a year for the groundwater treatment system. Norm
Comments Date:	05081996
Comments:	ally, one field technician will be required to perform the routin
Comments Date:	05081996
Comments:	e O&M tasks, including wells inspections and maintenance, pump ov
Comments Date:	05081996
Comments:	erhauls, process instrument calibrations, equipment repairs and r
Comments Date:	05081996
Comments:	eplacements. Status reports along with analytical results and di
Comments Date:	05081996
Comments:	scharge records will be prepared and submitted as reqired for sat
Comments Date:	05081996
Comments:	isfactory operating control and regulatory compliance requirement
Comments Date:	05081996
Comments:	s. Qualified supervisory personnel will oversee execution of the
Comments Date:	05081996
Comments:	O&M tasks to minimize costs, and ensure timely and accurate oper
Comments Date:	05081996
Comments:	ating reports.
Comments Date:	06011999
Comments:	RA - SITE 36: The remedial action for Site 36 was completed on
Comments Date:	06011999
Comments:	March 15, 1999. It included the installation of a groundwater
Comments Date:	06011999
Comments:	extraction and treatment system in combination with a system for
Comments Date:	06011999
Comments:	soil vapor extraction (SVE). A remedial design of this system
Comments Date:	06011999
Comments:	was approved by DTSC on April 7, 1998. The Site 36 system
Comments Date:	06011999
Comments:	includes conveyance piping, process vessels, and electrical and
Comments Date:	06011999
Comments:	mechanical appurtenances. The remedial activities conducted at
Comments Date:	06011999
Comments:	Site 36 included: 1) Installing a submersible pump into each of
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	ALESSANDRO ARMY AIR FIELD|March Air Reserve Base
Special Programs Code:	DSMOA
Special Programs Name:	DEFENSE MEMORANDUM OF AGREEMENT

CORTESE:

Region:	CORTESE
Envirostor Id:	33970004
Site/Facility Type:	FEDERAL SUPERFUND - LISTED
Cleanup Status:	ACTIVE

MARCH AIR RESERVE BASE (Continued) **S104241831**

Status Date:	07/13/1998
Site Code:	400689
Latitude:	34.09
Longitude:	-117.26305
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
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

A5 **US AIR FORCE, MARCH AIR RESERVE BASE - * BW** **CA LUST** **S106784714**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 5 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 11
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100289800
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - * BW (Continued) **S106784714**

Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A6 **MARCH AIR RESERVE BASE** **CA LUST** **S105624619**
IRP S34 NW CORNOR OF FUELING FACILITY **N/A**
< 1/8 **MARCH AIR RESERVE BASE, CA 92518**
1 ft.

Site 6 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Case Closed
Case Number:	083303883T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Benzene
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	FLIGHTLINE
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Close Tank
Leak Cause:	Other Cause
Leak Source:	Piping
Global ID:	T0606592846
How Stopped Date:	8/10/1999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	8/7/1998
Enforcement Date:	Not reported
Close Date:	5/1/2002
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	8/7/1998
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	8/10/1999

MARCH AIR RESERVE BASE (Continued) **S105624619**

Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	117.2472
Longitude:	-33.8859
MTBE Date:	10/7/2001
Max MTBE GW:	.5
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	REMOVAL OF 550 GAL UST AND 93 FEET OF 8 IN. CONSDENSATE PIPE

A7 **US AIR FORCE, MARCH AIR RESERVE BASE - SITE 18 ENGINE TEST C** **CA LUST** **S106784646**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 7 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 1
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321400
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - SITE 18 ENGINE TEST C (Continued) **S106784646**

Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A8 **MARCH AIR FORCE BASE (FORMER)** **CA LUST** **S105624618**
BLDG 550 GRAHAM (RIVERSIDE DR) **N/A**
< 1/8 **MORENO VALLEY, CA 92518**
1 ft.

Site 8 of 32 in cluster A

Relative: **Lower**

Actual: **1483 ft.**

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Remedial action (cleanup) Underway
Case Number:	083302549T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	ve
Cross Street:	Castle St.
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Test
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK

MARCH AIR FORCE BASE (FORMER) (Continued) **S105624618**

Global ID:	T0606500401
How Stopped Date:	6/21/1994
Enter Date:	12/13/1994
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	2/2/1996
Discover Date:	11/15/1990
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	6/6/1996
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	3/1/2002
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/13/1994
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.906133
Longitude:	-117.2526974
MTBE Date:	7/31/2001
Max MTBE GW:	4400
MTBE Concentration:	2
Max MTBE Soil:	45
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	MS_I
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: former BX gas station, replaced four 10,000 gal gasoline USTs, 1 500 gal waste oil tank, installed in 1965 and revoved 6/30/1994, 4 - 10,000 gal. double wall fiberglass replacement tanks installed 7/1994 and removed 4/1/2000, leakage was from orginal lines and tanks

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A9 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 8 FLIGHT** **CA LUST** **S106784692**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 9 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 4
Case Type:	Not reported
Substance:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - SITE 8 FLIGHT (Continued) **S106784692**

Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321100
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A10 **MARCH AIR RESERVE BASE** **CA LUST** **S105624603**
BLDG 480 PANERO S-33 AIRCRAFT PARKING APRON **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 10 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Remedial action (cleanup) Underway
Case Number:	083301290T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Jet Fuel
Qty Leaked:	Not reported
Abate Method:	EDFP
Cross Street:	Taxiway
Enf Type:	EF
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0606500146
How Stopped Date:	5/12/1989
Enter Date:	9/7/1989
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	8/2/1989
Discover Date:	5/12/1989
Enforcement Date:	9/18/1990
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	3/3/1994
Date Remediation Plan Submitted:	10/17/1994
Date Remedial Action Underway:	11/15/1996
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/7/1989
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	DOD
Latitude:	33.9870823
Longitude:	-117.34598
MTBE Date:	9/5/2001
Max MTBE GW:	50
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	C
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported

MARCH AIR RESERVE BASE (Continued) **S105624603**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: JP-4. OU3, IRP SITE 33, 1991 CONTAMINATED SOIL IN TANK FARM (DOWN TO 20FT.) EXCAVATED, TREATED WITH THERMAL TRTMT & RETURNED TO EXCAVATION. 1996 EST. AREAL EXTENT OF FREE PRODUCT ON WATER, 21 ACRES. FREE PRODUCT RECOVERY INITIATED 1990.

A11 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - NEW SOURCE AR** **CA LUST** **S106784622 N/A**

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 11 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 2
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100321300
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-B - NEW SOURCE AR (Continued) **S106784622**

MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A12 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 10 FLIGHT** **CA LUST** **S106784642**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 12 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 19
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100281800
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 10 FLIGHT (Continued) **S106784642**

Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A13 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 15 FIRE P** **CA LUST** **S106784643**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 13 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 16
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100282100
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 15 FIRE P (Continued) **S106784643**

GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A14 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 11 BULK** **CA LUST** **S106784691**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 14 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 6
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319600
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 11 BULK (Continued) **S106784691**

Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A15 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 16 EAST M** **CA LUST** **S106784690**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 15 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 15
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286600
How Stopped Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 16 EAST M (Continued) **S106784690**

Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A16 **MARCH AIR RESERVE BASE** **CA LUST** **S105624528**
BLDG 2406 SITE 39 GRABER STREET **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 16 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302119T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	EF
Funding:	Not reported

MARCH AIR RESERVE BASE (Continued) **S105624528**

How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500293
How Stopped Date:	7/18/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/18/1991
Enforcement Date:	9/18/1990
Close Date:	10/10/2000
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	2/10/1997
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.9457461
Longitude:	-117.4103167
MTBE Date:	3/15/1998
Max MTBE GW:	2.5
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: IRP SITE 39; CLEAN CLOSURE

A17 **MARCH AIR FORCE BASE (FORMER)** **CA LUST** **S105624558**
SITE 43 35TH STREET **N/A**
< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 17 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083303876T
Local Case Num:	Not reported
Case Type:	Aquifer affected

MARCH AIR FORCE BASE (FORMER) (Continued) **S105624558**

Substance:	Regular Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	YOUNT
Enf Type:	Not reported
Funding:	D
How Discovered:	OM
How Stopped:	Other Means
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606553811
How Stopped Date:	10/13/2001
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/15/1991
Enforcement Date:	Not reported
Close Date:	8/21/2003
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/15/1993
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	9/25/2001
Date Post Remedial Action Monitoring:	4/19/2002
Enter Date:	Not reported
GW Qualifies:	<
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	DOD
Latitude:	33.9033805
Longitude:	-177.2802296
MTBE Date:	3/15/1998
Max MTBE GW:	2.5
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	Not reported
Beneficial:	MS_T
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	IRP SITE 43, FORMER AUTOMOTIVE FUEL PUMPING AREA, IS A LISTED SITE AS PART OF THE SUPERFUND (NPL) SITE MARCH AIR FORCE BASE.

A18 **MARCH AIR RESERVE BASE** **CA HIST CORTESE** **S105025888**
3 545 ACRES OF RIVERSIDE **N/A**
< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 18 of 32 in cluster A

Relative: HIST CORTESE:
Lower
Region: CORTESE
Facility County Code: 33
Actual: Reg By: CALSI
1483 ft. Reg Id: 33970004

A19 **MARCH AIR FORCE BASE** **CA BOND EXP. PLAN** **S105960470**
N/A

< 1/8 **MORENO VALLEY, CA 92518**
1 ft.

Site 19 of 32 in cluster A

Relative: CA BOND EXP. PLAN:
Lower
Reponsible Party: FEDERAL FACILITY SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Actual: Project Revenue Source Addr: Not reported
1483 ft. Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: The Department will either enter into an interagency agreement with the Department of Defense of issue an order for oversight/monitoring of the Air Force's cleanup efforts. DHS has budgeted $100,000 for its oversight/monitoring costs. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The Department of Defense will pay all costs associated with remedial investigation and cleanup activities.
Site Description: The site is a U.S. Air Force Base.
Hazardous Waste Desc: The initial assessment at this site identified hazardous waste disposal on base in landfills, burning pits, dry wells, and ground disposal. Several types of wastes associated with aircraft and general maintenance were identified, including fuels, oils, polychlorinated biphenyls (PCBs), pesticides, low-level radiation, and the solvents trichloroethylene (TCE) and perchloroethylene (PCE).
Threat To Public Health & Env: Past disposal practices at March Air Force Base pose a threat to surface and ground water. Work to date has identified ground water contamination on and off base, and recently, in private wells east of the base perimeter. There is no known exposure at this time.
Site Activity Status: The installation restoration program has been initiated at this base. Currently the program is in the confirmation/quantification step of the mitigation process. DHS's oversight has increased due to contamination of drinking water supplies.

A20 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI** **CA LUST** **S106784644**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 20 of 32 in cluster A

Relative: LUST REG 8:
Lower
Region: 8
County: Riverside
Actual: Regional Board: Santa Ana Region
1483 ft. Facility Status: Not reported
Case Number: Not reported
Local Case Num: 400689 -- 9
Case Type: Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 9 MAIN OI (Continued) **S106784644**

Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100290000
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A21 **MARCH AIR RESERVE BASE** **CA LUST** **S106784660**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 21 of 32 in cluster A

Relative: LUST REG 8:
Lower

Region:	8
County:	Riverside
Actual: Regional Board:	Santa Ana Region
1483 ft. Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	None Taken
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0606531112
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported

MARCH AIR RESERVE BASE (Continued) **S106784660**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

A22 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - OU-1 SITES GRO** **CA LUST** **S106784769**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 22 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 8
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319400
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - OU-1 SITES GRO (Continued) **S106784769**

Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A23 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 29 FIRE P** **CA LUST** **S106784759**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 23 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 14
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286700
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 29 FIRE P (Continued) **S106784759**

Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A24 **MARCH AIR RESERVE BASE -BASE EXCHANGE STATION BLDG 550(4)** **CA UST** **U003948946 N/A**

< 1/8 **MARCH ARB, CA 92518**

1 ft.

Site 24 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

UST:

Facility ID:	470
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

A25 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 13 TANK T** **CA LUST** **S106784685 N/A**

< 1/8 **RIVERSIDE, CA 92518**

1 ft.

Site 25 of 32 in cluster A

Relative: Lower

Actual: 1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 18
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100281900
How Stopped Date:	Not reported
Enter Date:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 13 TANK T (Continued) **S106784685**

Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A26 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 31 SOLVEN** **CA LUST** **S106784725**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 26 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 13
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 31 SOLVEN (Continued) **S106784725**

How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286800
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A27 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 1 AIRCRA** **CA LUST** **S106784761**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 27 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 7
Case Type:	Not reported
Substance:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 1 AIRCRA (Continued) **S106784761**

Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319500
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A28 **MARCH AIR RESERVE BASE** **CA UST** **U003802796**
BLDG 605 **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 28 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

UST:

Facility ID:	469
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

A29 **US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 34 PRITCH** **CA LUST** **S106784750**
N/A

< 1/8 **RIVERSIDE, CA 92518**
1 ft.

Site 29 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 12
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100286900
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU-1 - SITE 34 PRITCH (Continued) **S106784750**

MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A30 **US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 37 BLDG** **CA LUST** **S106784732**
N/A

< 1/8
1 ft.

RIVERSIDE, CA 92518

Site 30 of 32 in cluster A

Relative:
Lower

Actual:
1483 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Not reported
Case Number:	Not reported
Local Case Num:	400689 -- 5
Case Type:	Not reported
Substance:	Not reported
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	3,545 Acres; E. of Riverside
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	DOD100319700
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported

US AIR FORCE, MARCH AIR RESERVE BASE - OU2-A - SITE 37 BLDG (Continued) **S106784732**

Interim:	Not reported
Oversite Program:	DODNUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	Not reported
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

A31 **MARCH AIR RESERVE BASE** **CA UST** **U003659460**
BLDG 602 **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 31 of 32 in cluster A

Relative: UST:
Lower

Facility ID:	468
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

Actual:
1483 ft.

A32 **MARCH AIR RESERVE BASE-FLIGHTLINE-MAIN** **CA UST** **U003713120**
BLDGS 1215 1250 1270 437 485 2320 **N/A**
< 1/8 **MARCH ARB, CA 92518**
1 ft.

Site 32 of 32 in cluster A

Relative: UST:
Lower

Facility ID:	471
Permitting Agency:	RIVERSIDE COUNTY
Latitude:	33.89866
Longitude:	-117.25655

Actual:
1483 ft.

33
East
< 1/8
0.011 mi.
56 ft.

AMRO FABRICATING CORP
17101 HEACOCK ST
MORENO VALLEY, CA 92551

RCRA-LQG

1016954669
CAL000374861

Relative:
Lower

Actual:
1484 ft.

RCRA-LQG:

Date form received by agency:	03/01/2014
Facility name:	AMRO FABRICATING CORP
Facility address:	17101 HEACOCK ST MORENO VALLEY, CA 92551
EPA ID:	CAL000374861
Mailing address:	HEACOCK ST MORENO VALLEY, CA 92551
Contact:	DANIEL SHIBLEY
Contact address:	HEACOCK ST MORENO VALLEY, CA 92551
Contact country:	Not reported
Contact telephone:	(951) 842-6148
Contact email:	DSHIBLEY@AMROFAB.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

Owner/Operator Summary:

Owner/operator name:	DHL
Owner/operator address:	W WASHINGTON ST TEMPE, AZ 85281
Owner/operator country:	Not reported
Owner/operator telephone:	(800) 225-5345
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2012
Owner/Op end date:	Not reported
Owner/operator name:	AMRO FABRICATION
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2012
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

AMRO FABRICATING CORP (Continued) **1016954669**

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

Violation Status: No violations found

B34 **MARCH AIR FORCE BASE - SITE 24** **CA RESPONSE** **S101272803**
NE **7,123 ACRES; EAST OF RIVERSIDE, CA** **CA ENVIROSTOR** **N/A**
< 1/8 **RIVERSIDE, CA 92518** **CA HIST Cal-Sites**
0.026 mi.
139 ft. **Site 1 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

RESPONSE:
Facility ID: 33970003
Site Type: State Response
Site Type Detail: Closed Base
Acres: 18
National Priorities List: NO
Cleanup Oversight Agencies: US EPA
Lead Agency Description: US EPA
Project Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 61
Senate: 31
Special Program Status: Not reported
Status: Certified
Status Date: 10/04/1995

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Restricted Use:	NO
Funding:	* Defense Environmental Restoration Program (DERP)
Latitude:	33.88333
Longitude:	-117.2630
APN:	NONE SPECIFIED
Past Use:	LANDFILL - DOMESTIC
Potential COC :	* Asbestos and Naturally Occurring Asbestos (NOA
Confirmed COC:	* Asbestos and Naturally Occurring Asbestos (NOA
Potential Description:	OTH, SOIL
Alias Name:	ALESSANDRO AVIATION FIELD
Alias Type:	Alternate Name
Alias Name:	110033608656
Alias Type:	EPA (FRS #)
Alias Name:	33970003
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	STE40
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/28/1995
Comments:	Removal Action (RA) - The primary objective of this time- critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with sodium hydroxide and 30 55 gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85 gallon overpack drums and transported off site for treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non hazardous materials (consisting of soil and debris) were transported to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	STE40
Completed Document Type:	Feasibility Study Report
Completed Date:	10/13/1994
Comments:	RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface run- off. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

will be segragated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the orignial excavation area which responded positively during the magnotometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	STE40
Completed Document Type:	Certification
Completed Date:	10/04/1995
Comments:	Certification - Confirmation sampling has shown the soil to be suitable for unrestricted use. DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/ remedial action is necessary.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
Facility ID:	33350014
Site Type:	State Response
Site Type Detail:	Closed Base
Acres:	4
National Priorities List:	NO
Cleanup Oversight Agencies:	US EPA
Lead Agency Description:	US EPA
Project Manager:	Not reported
Supervisor:	Manny Alonzo
Division Branch:	Cleanup Cypress
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	61
Senate:	31
Special Program Status:	Not reported
Status:	Certified
Status Date:	05/01/1986
Restricted Use:	NO
Funding:	* Defense Environmental Restoration Program (DERP)
Latitude:	33.8676
Longitude:	-117.2636
APN:	NONE SPECIFIED
Past Use:	INCINERATOR - OTHER
Potential COC :	NONE SPECIFIED
Confirmed COC:	31000-NO
Potential Description:	OTH, SOIL
Alias Name:	33350014
Alias Type:	Envirostor ID Number
Alias Name:	110033608647

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Alias Type: EPA (FRS #)
Alias Name: DOD100278600
Alias Type: GeoTracker Global ID
Alias Name: DOD100278800
Alias Type: GeoTracker Global ID
Alias Name: DOD100280300
Alias Type: GeoTracker Global ID
Alias Name: DOD100280500
Alias Type: GeoTracker Global ID
Alias Name: DOD100281800
Alias Type: GeoTracker Global ID
Alias Name: DOD100281900
Alias Type: GeoTracker Global ID
Alias Name: DOD100282000
Alias Type: GeoTracker Global ID
Alias Name: DOD100282100
Alias Type: GeoTracker Global ID
Alias Name: DOD100283700
Alias Type: GeoTracker Global ID
Alias Name: DOD100285000
Alias Type: GeoTracker Global ID
Alias Name: DOD100285100
Alias Type: GeoTracker Global ID
Alias Name: DOD100285200
Alias Type: GeoTracker Global ID
Alias Name: DOD100286600
Alias Type: GeoTracker Global ID
Alias Name: DOD100288200
Alias Type: GeoTracker Global ID
Alias Name: DOD100288300
Alias Type: GeoTracker Global ID
Alias Name: DOD100290000
Alias Type: GeoTracker Global ID
Alias Name: DOD100291300
Alias Type: GeoTracker Global ID
Alias Name: DOD100291400
Alias Type: GeoTracker Global ID
Alias Name: DOD100291500
Alias Type: GeoTracker Global ID
Alias Name: DOD100291600
Alias Type: GeoTracker Global ID
Alias Name: DOD100319500
Alias Type: GeoTracker Global ID
Alias Name: DOD100319700
Alias Type: GeoTracker Global ID
Alias Name: T0606500618
Alias Type: GeoTracker Global ID

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Certification
Completed Date: 07/22/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Feasibility Study Report

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Completed Date: 09/22/1995
Comments: Not reported

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

ENVIROSTOR:
Facility ID: 33970003
Status: Certified
Status Date: 10/04/1995
Site Code: Not reported
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 18
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 33.88333
Longitude: -117.2630
APN: NONE SPECIFIED
Past Use: LANDFILL - DOMESTIC
Potential COC: * Asbestos and Naturally Occurring Asbestos (NOA
Confirmed COC: * Asbestos and Naturally Occurring Asbestos (NOA
Potential Description: OTH, SOIL
Alias Name: ALESSANDRO AVIATION FIELD
Alias Type: Alternate Name
Alias Name: 110033608656
Alias Type: EPA (FRS #)
Alias Name: 33970003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Removal Action Completion Report
Completed Date: 06/28/1995
Comments: Removal Action (RA) - The primary objective of this time- critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

sodium hydroxide and 30 55 gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85 gallon overpack drums and transported off site for treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non hazardous materials (consisting of soil and debris) were transported to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Feasibility Study Report
Completed Date: 10/13/1994
Comments: RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface run- off. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste will be segragated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the orignial excavation area which responded positively during the magnotometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Certification
Completed Date: 10/04/1995
Comments: Certification - Confirmation sampling has shown the soil to be suitable for unrestricted use. DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/ remedial action is necessary.

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

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 33350014
Status: Certified
Status Date: 05/01/1986
Site Code: Not reported
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 4
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 33.8676
Longitude: -117.2636
APN: NONE SPECIFIED
Past Use: INCINERATOR - OTHER
Potential COC: NONE SPECIFIED
Confirmed COC: 31000-NO
Potential Description: OTH, SOIL
Alias Name: 33350014
Alias Type: Envirostor ID Number
Alias Name: 110033608647
Alias Type: EPA (FRS #)
Alias Name: DOD100278600
Alias Type: GeoTracker Global ID
Alias Name: DOD100278800
Alias Type: GeoTracker Global ID
Alias Name: DOD100280300
Alias Type: GeoTracker Global ID
Alias Name: DOD100280500
Alias Type: GeoTracker Global ID
Alias Name: DOD100281800
Alias Type: GeoTracker Global ID
Alias Name: DOD100281900
Alias Type: GeoTracker Global ID
Alias Name: DOD100282000
Alias Type: GeoTracker Global ID
Alias Name: DOD100282100
Alias Type: GeoTracker Global ID
Alias Name: DOD100283700
Alias Type: GeoTracker Global ID
Alias Name: DOD100285000
Alias Type: GeoTracker Global ID
Alias Name: DOD100285100
Alias Type: GeoTracker Global ID
Alias Name: DOD100285200
Alias Type: GeoTracker Global ID

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Alias Name: DOD100286600
Alias Type: GeoTracker Global ID
Alias Name: DOD100288200
Alias Type: GeoTracker Global ID
Alias Name: DOD100288300
Alias Type: GeoTracker Global ID
Alias Name: DOD100290000
Alias Type: GeoTracker Global ID
Alias Name: DOD100291300
Alias Type: GeoTracker Global ID
Alias Name: DOD100291400
Alias Type: GeoTracker Global ID
Alias Name: DOD100291500
Alias Type: GeoTracker Global ID
Alias Name: DOD100291600
Alias Type: GeoTracker Global ID
Alias Name: DOD100319500
Alias Type: GeoTracker Global ID
Alias Name: DOD100319700
Alias Type: GeoTracker Global ID
Alias Name: T0606500618
Alias Type: GeoTracker Global ID

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Certification
Completed Date: 07/22/1996
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Feasibility Study Report
Completed Date: 09/22/1995
Comments: Not reported

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

Calsite:
Region: GLENDALE
Facility ID: 33350014
Facility Type: CLOSE
Type: CLOSED MILITARY BASE
Branch: SO
Branch Name: OMF-SOUTHERN CALIF
File Name: Not reported
State Senate District: 05011986
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
NPL:	Not Listed
SIC Code:	35
SIC Name:	MANU - INDUSTRIAL MACHINERY & EQUIPMENT
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:	Not reported
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
Lat/Long Description:	Not reported
State Assembly District Code:	64
State Senate District Code:	36
Facility ID:	33350014
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE24
Proposed Budget:	0
AWP Completion Date:	09221995
Revised Due Date:	Not reported
Comments Date:	09221995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
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:	33350014
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE24
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07221996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0

MARCH AIR FORCE BASE - SITE 24 (Continued) **S101272803**

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:	7,123 ACRES; EAST OF RIVERSIDE, CA
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Alternate Address:	7,123; EAST OF RIVERSIDE, CA
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Background Info:	Not reported
Comments Date:	Not reported
Comments:	Not reported
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	MARCH AIR FORCE BASE - SITE 24
Special Programs Code:	Not reported
Special Programs Name:	Not reported

B35 **MARCH A F B REFUELING SYSTEM** **CA LUST** **S101300482**
NE **BLDG 1269** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 2 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083302116T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500290
How Stopped Date:	5/9/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/9/1991
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	12/19/1996
Date Remediation Plan Submitted:	Not reported

MARCH A F B REFUELING SYSTEM (Continued) **S101300482**

Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

B36 **MARCH AIR FORCE BASE - SITE 40** **CA HIST Cal-Sites** **S102008377**
NE **7,123 ACRES; EAST OF RIVERSIDE, CA** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.026 mi.
139 ft. **Site 3 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

Calsite:

Region:	GLENDALE
Facility ID:	33970003
Facility Type:	CLOSE
Type:	CLOSED MILITARY BASE
Branch:	SO
Branch Name:	OMF-SOUTHERN CALIF
File Name:	Not reported
State Senate District:	10041995
Status:	CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name:	CERTIFIED
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
NPL:	Not Listed
SIC Code:	97
SIC Name:	NATIONAL SECURITY/INTERNATIONAL AFFAIRS
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:	Not reported
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

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
Lat/Long Description:	Not reported
State Assembly District Code:	64
State Senate District Code:	36
Facility ID:	33970003
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STE40
Proposed Budget:	0
AWP Completion Date:	06281995
Revised Due Date:	Not reported
Comments Date:	06281995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	214
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	EXCAVATION AND OFF-SITE DISPOSAL OF 70 5-GAL TO 20-GAL DRUMS, 30 55GAL DRUMS, 14 TONS OF DEBRIS CONTAINING ASBESTOS, 200 CY OF CONTAMINATEDSOIL, AND 6800 CY OF NON-HAZARDOUS MATERIALS REMOVED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	33970003
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	STE40
Proposed Budget:	0
AWP Completion Date:	10131994
Revised Due Date:	Not reported
Comments Date:	10131994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
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

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

Facility ID:	33970003
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	STE40
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10041995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
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
Alternate Address:	22 CSG/CC
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Alternate Address:	7,123 ACRES; EAST OF RIVERSIDE, CA
Alternate City,St,Zip:	RIVERSIDE, CA 92518
Background Info:	Site 40 is a former landfill used for disposing wastes from March AFB. Site 40 is approximately 18 acres of rolling land and the c entral portion of the property consists of a pond which accumulat es surface runoff. Buried drums at this landfill were filled wit h sodium hydroxide, roofing tar, asphalt solids and waste, and oi l and grease. There is potential contamination of the surface an d storm water due to exposure to the drums and debris. March AFB was included on the NPL in 1989. A Federal Facilities Agreement (FFA) was signed between EPA, DHS, the Santa Ana RWQCB and the Ai r Force in September 1990, to provide for the remediation of the Base. For details on other efforts at March AFB refer to March AF B site IDNUN 33970002.
Comments Date:	04301992
Comments:	Landfill #8, Site 40 fence and posted complete. This land-
Comments Date:	04301992
Comments:	fill was exposed when a water tank overflowed after rain,
Comments Date:	04301992
Comments:	and washed down a gulley north of Van Buren Blvd. and west
Comments Date:	04301992
Comments:	of Plummer Road.
Comments Date:	06281995
Comments:	Removal Action (RA) - The primary objective of this time- critica
Comments Date:	06281995
Comments:	l RA was to prevent potential contamination of the surface and st
Comments Date:	06281995
Comments:	orm water in the channel due to exposure to drums and debris buri
Comments Date:	06281995
Comments:	ed in the channel bed. Field execution of the RA resulted in rem
Comments Date:	06281995

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

Comments:	oving approximately 70 5-gallon to 20-gallon decomposed drums fil
Comments Date:	06281995
Comments:	led with sodium hydroxide and 30 55 gallon drums filled with roof
Comments Date:	06281995
Comments:	ing tar, asphalt solids and waste, and oil grease solids. Approx
Comments Date:	06281995
Comments:	imately 200 cubic yards of contaminated overburden material exten
Comments Date:	06281995
Comments:	ding above and to the sides of the drums, in addition to the drum
Comments Date:	06281995
Comments:	s, were combined in 85 gallon overpack drums and transported off
Comments Date:	06281995
Comments:	site for treatment/stabilization in lined end-dumps at the Landla
Comments Date:	06281995
Comments:	w Environmental. Approximately 14 tons of debris containing non-
Comments Date:	06281995
Comments:	friable asbestos as less than 10% by total weight were placed in
Comments Date:	06281995
Comments:	a lined roll-off box and transported off-site to BDC Services, In
Comments Date:	06281995
Comments:	c. for disposal. In addition, approximately 6,800 cubic yards of
Comments Date:	06281995
Comments:	non hazardous materials (consisting of soil and debris) were tra
Comments Date:	06281995
Comments:	nsported to IRP Site 6a. As part of Site 40 restoration, the wat
Comments Date:	06281995
Comments:	er's elevation in the pond was raised by installing a concrete we
Comments Date:	06281995
Comments:	ir at the outlet of the pond. Each site location, including the
Comments Date:	06281995
Comments:	creek bed, was restored. Vegetation destroyed during constructio
Comments Date:	06281995
Comments:	n was replaced with California native plants. This RA, at Site 40
Comments Date:	06281995
Comments:	, is undertaken as part of the ongoing long term remedial actions
Comments Date:	06281995
Comments:	(RI/FS OU-2). 100 drums, 200 cubic yards of contaminated so
Comments Date:	06281995
Comments:	il, 14 tons of non-friable asbestos debris, and 6,800 cubic yards
Comments Date:	06281995
Comments:	of non-hazardous materials were removed.
Comments Date:	10041995
Comments:	Certification - Confirmation sampling has shown the soil to be s
Comments Date:	10041995
Comments:	uitable for unrestricted use. DTSC has determined that all appr
Comments Date:	10041995
Comments:	opriate response actions have been completed, that all acceptable
Comments Date:	10041995
Comments:	engineering practices were implemented and that no further remov
Comments Date:	10041995
Comments:	al/ remedial action is necessary.
Comments Date:	10131994
Comments:	RI/FS - This RI/FS was completed via an EECA for Site 40 which DT
Comments Date:	10131994
Comments:	SC approved on October 13, 1994. Site 40 is a former landfill use
Comments Date:	10131994
Comments:	d for disposing military wastes. It is approximately 18 acres an

MARCH AIR FORCE BASE - SITE 40 (Continued) **S102008377**

Comments Date:	10131994
Comments:	d the central portion of the property consists of a pond which ac
Comments Date:	10131994
Comments:	cumulates surface run- off. There are drums buried at this landfi
Comments Date:	10131994
Comments:	ll that appear to contain a mixture of chemicals, clothing, and d
Comments Date:	10131994
Comments:	omestic refuse. The Air Force will: 1) excavate buried drums and
Comments Date:	10131994
Comments:	other solid waste from the creek bed to prepare subgrade for the
Comments Date:	10131994
Comments:	liner. Containerized waste will be segragated, sampled and char
Comments Date:	10131994
Comments:	acterized for disposal, 2) construct a new channel, 3) raise the
Comments Date:	10131994
Comments:	water level in the pond by constructing a weir, 4) trench at thre
Comments Date:	10131994
Comments:	e areas outside of the orignial excavation area which responded p
Comments Date:	10131994
Comments:	ositively during the magnotometer survey, 5) engineer the drainag
Comments Date:	10131994
Comments:	e inlet and outlet to limit contact between the water in the pond
Comments Date:	10131994
Comments:	and the remaining contaminants, if any. Approximate cost = not a
Comments Date:	10131994
Comments:	vailable; funding = BRAC
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	ALESSANDRO AVIATION FIELDMARCH AIR FORCE BASE - SITE 40
Special Programs Code:	Not reported
Special Programs Name:	Not reported

B37 **BUILDING 962** **CA CHMIRS S100179024**
NE **MARCH AFB** **CA Notify 65 N/A**
< 1/8 **MORENO VALLEY, CA 90062**
0.026 mi.
139 ft. **Site 4 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

CHMIRS:

OES Incident Number:	7-1205
OES notification:	03/24/1997
OES Date:	Not reported
OES Time:	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
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

BUILDING 962 (Continued) **S100179024**

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
Facility Telephone:	Not reported
Waterway Involved:	No
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:	1997
Agency:	AFB Conversion Agency
Incident Date:	3/23/199712:00:00 AM
Admin Agency:	Riverside County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Military Base
E Date:	Not reported
Substance:	Trichloroethylene
Gallons:	btwn 500-1000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Somehow the pump tripped at the lift station. Two check valves failed causing tank to overflow. The average concentration is 19.6 PPB

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported

BUILDING 962 (Continued) **S100179024**

Incident Description: Not reported

B38 **PANERO AIRCRAFT FUELING SYST.** **CA Notify 65** **S100179101**
NE **MARCH AFB** **N/A**
< 1/8 **MORENO VALLEY, CA 90062**
0.026 mi.
139 ft. **Site 5 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

B39 **MARCH A F B FLITE LINE** **CA LUST** **S101300481**
NE **BLDG 1244** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 6 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083302120T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500294
How Stopped Date:	5/9/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/7/1991
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	12/19/1996
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	Not reported

MARCH A F B FLITE LINE (Continued) **S101300481**

Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

B40 **MARCH A F B BLDG 3409** **CA LUST** **S102770000**
NE **BLDGS 3409** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 7 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083300866T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Heater Fuel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	PLUMMER
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	Corrosion
Leak Source:	UNK
Global ID:	T0606500090
How Stopped Date:	Not reported
Enter Date:	5/26/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/1/1988
Enforcement Date:	Not reported
Close Date:	2/25/1997
Date Prelim Assessment Workplan Submitted:	Not reported

MARCH A F B BLDG 3409 (Continued) **S102770000**

Date Pollution Characterization Began:	5/26/1988
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/26/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: IRP SITE 35A

B41 **MARCH AIR FORCE BASE - SI** **CA HIST CORTESE** **S103066212**
NE **7 123 ACRES OF RIVERSIDE CA** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.026 mi.
139 ft. **Site 8 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33970002

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33970003

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33350014

B42 **MARCH A F B BLDG 3406** **CA LUST** **S103249162**
NE **BLDG 3406** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 9 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302962T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	PLUMMER
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0606500486
How Stopped Date:	Not reported
Enter Date:	3/14/1997
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/1/1988
Enforcement Date:	Not reported
Close Date:	8/27/1997
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/14/1997
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported

MARCH A F B BLDG 3406 (Continued) **S103249162**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: IRP SITE 35C

B43 **MARCH A F B BLDG 550** **CA LUST** **S102361786**
NE **BLDG 3407** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 10 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302550T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street:	10TH/ ALLEN
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500402
How Stopped Date:	1/17/1991
Enter Date:	12/13/1994
Date Confirmation of Leak Began:	8/30/1994
Date Preliminary Assessment Began:	3/14/1996
Discover Date:	1/17/1991
Enforcement Date:	Not reported
Close Date:	7/25/1996
Date Prelim Assessment Workplan Submitted:	6/5/1995
Date Pollution Characterization Began:	3/14/1996
Date Remediation Plan Submitted:	6/5/1995
Date Remedial Action Underway:	3/14/1996
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/13/1994
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.

MARCH A F B BLDG 550 (Continued) **S102361786**

MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

B44 **MARCH A F B ALERT FACILITY** **CA LUST** **S101300483**
NE **BLDG 1305** **N/A**
< 1/8 **MARCH A F B, CA 92518**
0.026 mi.
139 ft. **Site 11 of 11 in cluster B**

Relative:
Lower

Actual:
1494 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302118T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500292
How Stopped Date:	5/9/1991
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/9/1991
Enforcement Date:	Not reported
Close Date:	9/12/1996
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	DOD
Latitude:	33.8993744
Longitude:	-117.2809678

MARCH A F B ALERT FACILITY (Continued) **S101300483**

MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	JCB
Staff Initials:	UNK
Lead Agency:	Regional Board
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

C45 **FACILITY 3417** **CA HIST UST** **U001576659**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 1 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA90
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA90.pdf
Region:	STATE
Facility ID:	00000031113
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3417-01
Year Installed:	Not reported
Tank Capacity:	00006650
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C46 **FACILITY 422** **CA HIST UST** **U001576661**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 2 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB3.pdf
Region:	STATE
Facility ID:	00000031152
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	422-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C47 **FACILITY 3414** **CA HIST UST** **U001576658**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 3 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA9C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9C.pdf
Region:	STATE
Facility ID:	00000031127
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3414-01
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 3414 (Continued) **U001576658**

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C48 **REGIONAL HOSPITAL FACILITY 299** **CA HIST UST** **U001576685**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 4 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA93
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA93.pdf
Region:	STATE
Facility ID:	00000031117
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2990-01
Year Installed:	Not reported
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C49 **FACILITY 452** **CA HIST UST** **U001576664**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 5 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB0.pdf
Region:	STATE
Facility ID:	00000031149
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	452-OWS-1
Year Installed:	Not reported

FACILITY 452 (Continued) **U001576664**

Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C50 **FACILITY 429** **CA HIST UST** **U001576662**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 6 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAB2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB2.pdf
Region: STATE
Facility ID: 00000031151
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 429-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C51 **FACILITY 5039** **CA HIST UST** **U001576668**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 7 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FA8F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA8F.pdf
Region: STATE
Facility ID: 00000031112
Facility Type: Other
Other Type: HEATING EQUIPMENT
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB

FACILITY 5039 (Continued) **U001576668**

Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 5039-01
Year Installed: Not reported
Tank Capacity: 00000700
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C52 **FACILITY 373** **CA HIST UST** **U001576660**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 8 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAAC
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAC.pdf
Region: STATE
Facility ID: 00000031145
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 373-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C53 **FACILITY 3406** **CA HIST UST** **U001576656**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 9 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FA9F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9F.pdf
Region: STATE
Facility ID: 00000031130

FACILITY 3406 (Continued) **U001576656**

Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3406-01
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C54 **FACILITY 3404** **CA HIST UST** **U001576655**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 10 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA92
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA92.pdf
Region:	STATE
Facility ID:	00000031115
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	3404-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C55 **FACILITY 2518** **CA HIST UST** **U001576649**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 11 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB5.pdf
Region:	STATE
Facility ID:	00000031154
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2518-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C56 **FACILITY 2314** **CA HIST UST** **U001576648**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 12 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA95
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA95.pdf
Region:	STATE
Facility ID:	00000031119
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2314-01
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 2314 (Continued) **U001576648**

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C57 **U S CUSTOMS SERVICE** **CA SWEEPS UST** **S101590313**
NW **MAFB BLDG 605** **CA FID UST** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 13 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

SWEEPS UST:

Status:	Active
Comp Number:	38489
Number:	7
Board Of Equalization:	Not reported
Referral Date:	06-15-89
Action Date:	06-15-89
Created Date:	06-15-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	33-000-038489-000001
Tank Status:	A
Capacity:	7000
Active Date:	06-15-89
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	33007017
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX 6363
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIVERSIDE 92518
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

C58 **CALIFORNIA AIR NATIONAL GUARD,** **CA HIST UST** **U001576669**
NW **MARCH AFB** **CA EMI** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 14 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC4
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC4.pdf
Region:	STATE
Facility ID:	00000031111

CALIFORNIA AIR NATIONAL GUARD, (Continued) **U001576669**

Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATESS AIR FORCE
Owner Address:	22CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5041-01
Year Installed:	Not reported
Tank Capacity:	00000200
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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EMI:

Year:	1996
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	2002
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	33

CALIFORNIA AIR NATIONAL GUARD, (Continued) **U001576669**

Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	2004
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	0.3352366
Reactive Organic Gases Tons/Yr:	0.13
Carbon Monoxide Emissions Tons/Yr:	0.12789
NOX - Oxides of Nitrogen Tons/Yr:	0.2702
SOX - Oxides of Sulphur Tons/Yr:	0.002286
Particulate Matter Tons/Yr:	0.0181938
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.01

Year:	2006
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	.1410460449007327796
Reactive Organic Gases Tons/Yr:	.071
Carbon Monoxide Emissions Tons/Yr:	.159
NOX - Oxides of Nitrogen Tons/Yr:	.279
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.016

Year:	2007
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

CALIFORNIA AIR NATIONAL GUARD, (Continued) **U001576669**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1410460449007327796
Reactive Organic Gases Tons/Yr:	.071
Carbon Monoxide Emissions Tons/Yr:	.159
NOX - Oxides of Nitrogen Tons/Yr:	.279
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.016

Year:	2009
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	6.5821822308830796E-2
Reactive Organic Gases Tons/Yr:	4.8503999999999999E-2
Carbon Monoxide Emissions Tons/Yr:	0.19617999999999999
NOX - Oxides of Nitrogen Tons/Yr:	0.29901
SOX - Oxides of Sulphur Tons/Yr:	8.6280000000000003E-3
Particulate Matter Tons/Yr:	4.0408050000000001E-2
Part. Matter 10 Micrometers & Smllr Tons/Yr:	3.9651962999999998E-2

Year:	2013
County Code:	33
Air Basin:	SC
Facility ID:	800344
Air District Name:	SC
SIC Code:	9711
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:	0.078576507116
Reactive Organic Gases Tons/Yr:	0.05986
Carbon Monoxide Emissions Tons/Yr:	0.22216
NOX - Oxides of Nitrogen Tons/Yr:	0.22648
SOX - Oxides of Sulphur Tons/Yr:	0.001166
Particulate Matter Tons/Yr:	0.03909335
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.038463361

C59 **FACILITY 3401** **CA HIST UST** **U001576654**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 15 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC5.pdf
Region:	STATE
Facility ID:	00000031116
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858

FACILITY 3401 (Continued) **U001576654**

Owner Name: UNITED STATESS AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 3401-01
Year Installed: Not reported
Tank Capacity: 00006650
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C60 **FUEL CELL MAINTENANCE BLDG 2** **CA HIST UST** **U001576678**
NW **TRANSPORTTION BLDG/COMPOSITE/** **N/A**
< 1/8 **MARCH AFB, CA 92518**
0.030 mi.
157 ft. **Site 16 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001F471
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F471.pdf
Region: STATE
Facility ID: 00000058570
Facility Type: Other
Other Type: AIRCRAFT MAINTENANCE
Contact Name: LT COL. RICHARD L. SCHMITT
Telephone: 7146555456
Owner Name: CALIFORNIA AIR NATIONAL GUARD
Owner Address: MARCH AIR FORCE BASE
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0010

Tank Num: 001
Container Num: 2309-1
Year Installed: 1983
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 12
Leak Detection: None

Tank Num: 002
Container Num: 2274-5
Year Installed: 1983
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 2274-4
Year Installed: 1983
Tank Capacity: 00000500

FUEL CELL MAINTENANCE BLDG 2 (Continued) **U001576678**

Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	2274-3
Year Installed:	1983
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	2274-2
Year Installed:	1983
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	006
Container Num:	2274-1
Year Installed:	1983
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	007
Container Num:	2272-3
Year Installed:	1983
Tank Capacity:	00000750
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	008
Container Num:	2272-2
Year Installed:	1983
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	009
Container Num:	2272-1
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported

FUEL CELL MAINTENANCE BLDG 2 (Continued) **U001576678**

Leak Detection: None

Tank Num: 010
Container Num: 2271-1
Year Installed: 1983
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

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C61 **FACILITY 440** **CA HIST UST** **U001576663**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 17 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAB1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB1.pdf
Region: STATE
Facility ID: 00000031150
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 440-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C62 **FACILITY 5042** **CA HIST UST** **U001576670**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 18 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAA0
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA0.pdf
Region: STATE
Facility ID: 00000031131
Facility Type: Other

FACILITY 5042 (Continued) **U001576670**

Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5042-01
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C63 **FACILITY 5044** **CA HIST UST** **U001576671**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 19 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA9E
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9E.pdf
Region:	STATE
Facility ID:	00000031129
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5044-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C64 **FACILITY 602** **CA HIST UST** **U001576673**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 20 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA97
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA97.pdf
Region:	STATE
Facility ID:	00000031121
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	602-01
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C65 **PRITCHARD REFUELING SYSTEM FAC** **CA HIST UST** **U001576684**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 21 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABE.pdf
Region:	STATE
Facility ID:	00000031163
Facility Type:	Other
Other Type:	AIRCRAFT REFUELING
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0006
Tank Num:	001
Container Num:	10006-01
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

PRITCHARD REFUELING SYSTEM FAC (Continued) **U001576684**

Tank Num:	002
Container Num:	10006-02
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	003
Container Num:	10006-03
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	004
Container Num:	10006-04
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	005
Container Num:	10006-05
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	006
Container Num:	1006-06
Year Installed:	1962
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

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C66
NW
< 1/8
0.030 mi.
157 ft.

FACILITY 1210 **CA HIST UST** **U001576634**
MARCH AFB FLIGHTLINE **N/A**
RIVERSIDE, CA 92518

Site 22 of 53 in cluster C

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA5.pdf
Region:	STATE
Facility ID:	00000031137

FACILITY 1210 (Continued) **U001576634**

Facility Type:	Other
Other Type:	POWER GENERATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1210-01
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C67 **FACILITY 1211** **CA HIST UST** **U001576635**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 23 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABC.pdf
Region:	STATE
Facility ID:	00000031161
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1211-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C68 **AIR FORCE BASE CONV AGENCY** **RCRA-SQG** **1001115472**
NW **AFBCA/OL-DBF AREA** **CAR000014076**
< 1/8 **MARCH AFB, CA 92518**
0.030 mi.
157 ft. **Site 24 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

RCRA-SQG:

Date form received by agency:	07/28/1996
Facility name:	AIR FORCE BASE CONV AGENCY
Facility address:	AFBCA/OL-DBF AREA EAST OF I 215 (SEE MAP) MARCH AFB, CA 925181504
EPA ID:	CAR000014076
Mailing address:	BUNDY AVE MARCH AFB, CA 925181504
Contact:	JON SATROM
Contact address:	3430 BUNDY AVE MARCH AFB, CA 925181504
Contact country:	US
Contact telephone:	(909) 697-6722
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:	AIR FIRCE BASE CONV AGENCY
Owner/operator address:	3430 BUNDY AVE MARCH AFB, CA 92518
Owner/operator country:	Not reported
Owner/operator telephone:	(909) 697-6722
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:	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

AIR FORCE BASE CONV AGENCY (Continued) **1001115472**

Historical Generators:
Date form received by agency: 07/28/1996
Site name: AIR FORCE BASE CONV AGENCY
Classification: Small Quantity Generator

Violation Status: No violations found

C69 **FACILITY 1203** **CA HIST UST** **U001576633**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 25 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAC2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC2.pdf
Region: STATE
Facility ID: 00000031174
Facility Type: Other
Other Type: OIL/WATER SEPARATOR
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 1203-OWS-1
Year Installed: Not reported
Tank Capacity: 00003400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 9
Leak Detection: Visual

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C70 **FACILITY 3409** **CA HIST UST** **U001576657**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 26 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FA91
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA91.pdf
Region: STATE
Facility ID: 00000031114
Facility Type: Other
Other Type: HEATING EQUIPMENT
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

FACILITY 3409 (Continued) **U001576657**

Tank Num:	001
Container Num:	3409-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C71 **FACILITY 941** **CA HIST UST** **U001576676**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 27 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC1
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC1.pdf
Region:	STATE
Facility ID:	00000031173
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001

Tank Num:	001
Container Num:	941-OSW-1
Year Installed:	Not reported
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C72 **FACILITY 470** **CA HIST UST** **U001576667**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 28 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA4
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA4.pdf
Region:	STATE
Facility ID:	00000031136
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported

FACILITY 470 (Continued) **U001576667**

Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	470-01
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C73 **FACILITY 458** **CA HIST UST** **U001576666**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 29 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAAE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAE.pdf
Region:	STATE
Facility ID:	00000031147
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	458-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C74
NW
< 1/8
0.030 mi.
157 ft.

PANERO REFUELING SYSTEM FACILI
MARCH AFB FLIGHTLINE
RIVERSIDE, CA 92518

Site 30 of 53 in cluster C

CA HIST UST | **U001576683** | **N/A**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0002D8FC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D8FC.pdf
Region:	STATE
Facility ID:	00000031181
Facility Type:	Other
Other Type:	AIRCRAFT REFUELING
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0035
Tank Num:	001
Container Num:	10003-01
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	10003-02
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	10003-03
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	004
Container Num:	10003-04
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	005
Container Num:	10003-05
Year Installed:	1952

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 006
Container Num: 10003-06
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 007
Container Num: 10003-07
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 008
Container Num: 10003-08
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 009
Container Num: 10003-09
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 010
Container Num: 10003-10
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 011
Container Num: 10003-11
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	012
Container Num:	10003-12
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	013
Container Num:	10003-13
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	014
Container Num:	10003-14
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	015
Container Num:	10003-15
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	016
Container Num:	10003-16
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor
Tank Num:	017
Container Num:	10003-17
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Tank Num:	018
Container Num:	10003-18
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	019
Container Num:	10003-19
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	020
Container Num:	10003-20
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	021
Container Num:	10003-21
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	022
Container Num:	10003-22
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	023
Container Num:	10003-23
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	024
Container Num:	10003-24
Year Installed:	1952

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 025
Container Num: 10003-25
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 026
Container Num: 10003-26
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 027
Container Num: 10003-27
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 028
Container Num: 10003-28
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 029
Container Num: 10003-29
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual, Stock Inventor

Tank Num: 030
Container Num: 10003-30
Year Installed: 1952
Tank Capacity: 00050000
Tank Used for: PRODUCT
Type of Fuel: 06

PANERO REFUELING SYSTEM FACILI (Continued) **U001576683**

Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	031
Container Num:	10003-31
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	032
Container Num:	10003-32
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	033
Container Num:	10003-33
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	034
Container Num:	10003-34
Year Installed:	1952
Tank Capacity:	00050000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

Tank Num:	035
Container Num:	10003-35
Year Installed:	1952
Tank Capacity:	00025000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	3/8
Leak Detection:	Visual, Stock Inventor

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C75 **FACILITY 453** **CA HIST UST** **U001576665**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 31 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAAF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAF.pdf
Region:	STATE
Facility ID:	00000031148
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	453-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C76 **FACILITY 6603** **CA HIST UST** **U001576674**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 32 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABF.pdf
Region:	STATE
Facility ID:	00000031171
Facility Type:	Other
Other Type:	OIL WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	6603-OWS-1
Year Installed:	1976
Tank Capacity:	00180000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 6603 (Continued) **U001576674**

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C77 **FACILITY 5901** **CA HIST UST** **U001576672**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 33 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA9D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA9D.pdf
Region:	STATE
Facility ID:	00000031128
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	5901-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C78 **HOSPITAL POWER PLANT FACIALIER** **CA HIST UST** **U001576680**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 34 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA2
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA2.pdf
Region:	STATE
Facility ID:	00000031144
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2991-01
Year Installed:	Not reported

HOSPITAL POWER PLANT FACIALIER (Continued) **U001576680**

Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	001
Container Num:	2991-01
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C79 **FACILITY 1246** **CA HIST UST** **U001576638**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 35 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABA
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABA.pdf
Region:	STATE
Facility ID:	00000031159
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1246-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C80 **FACILITY 1305** **CA HIST UST** **U001576641**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 36 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAC6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAC6.pdf
Region:	STATE
Facility ID:	00000031123
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATESS AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1305-01
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C81 **FACILITY 1241** **CA HIST UST** **U001576636**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 37 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FABB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FABB.pdf
Region:	STATE
Facility ID:	00000031160
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1241-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

FACILITY 1241 (Continued) **U001576636**

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C82 **FACILITY 1244** **CA HIST UST** **U001576637**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 38 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA99
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA99.pdf
Region:	STATE
Facility ID:	00000031124
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0002
Tank Num:	001
Container Num:	1244-01
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	1244-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C83 **FACILITY 2313** **CA HIST UST** **U001576647**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 39 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA96
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA96.pdf
Region:	STATE
Facility ID:	00000031120
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported

FACILITY 2313 (Continued) **U001576647**

Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 2313-01
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C84 **FACILITY 1311** **CA HIST UST** **U001576642**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 40 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAA8
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA8.pdf
Region: STATE
Facility ID: 00000031141
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 1311-01
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C85
NW
< 1/8
0.030 mi.
157 ft.

FACILITY 1800
MARCH AFB FLIGHTLINE
RIVERSIDE, CA 92518

Site 41 of 53 in cluster C

CA HIST UST **U001576644**
N/A

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA9.pdf
Region:	STATE
Facility ID:	00000031142
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554855
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1800-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C86
NW
< 1/8
0.030 mi.
157 ft.

FACILITY 962
MARCH AFB
RIVERSIDE, CA 92518

Site 42 of 53 in cluster C

CA HIST UST **U001576677**
N/A

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA98
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA98.pdf
Region:	STATE
Facility ID:	00000031122
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	962-01
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 962 (Continued) **U001576677**

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C87 **FACILITY 2307** **CA HIST UST** **U001576646**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 43 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB6.pdf
Region:	STATE
Facility ID:	00000031155
Facility Type:	Other
Other Type:	OIL WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2307-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C88 **LB/128 DNBYCAIA** **CA HIST UST** **U001576697**
NW **25 MILES EAST OF AMBOY HWY 66** **N/A**
< 1/8 **DANBY, CA 92532**
0.030 mi.
157 ft. **Site 44 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0002A3C8
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A3C8.pdf
Region:	STATE
Facility ID:	00000068347
Facility Type:	Other
Other Type:	SIC 4800
Contact Name:	W.R. PORTER
Telephone:	7146665611
Owner Name:	PACIFIC BELL
Owner Address:	2600 CAMINO RAMON, RM 2E050
Owner City,St,Zip:	SAN RAMON, CA 94583
Total Tanks:	0001
Tank Num:	001
Container Num:	D-G1-300
Year Installed:	1961

LB/128 DNBYCAIA (Continued) **U001576697**

Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: 4
Container Construction Thickness: X
Leak Detection: None

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C89 **FACILITY 260** **CA HIST UST** **U001576651**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 45 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAA3
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA3.pdf
Region: STATE
Facility ID: 00000031135
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB
Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 260-01
Year Installed: Not reported
Tank Capacity: 00015000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C90 **FACILITY 2622** **CA HIST UST** **U001576653**
NW **RIVERSIDE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 46 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAAA
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAAA.pdf
Region: STATE
Facility ID: 00000031143
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: UNITED STATES AIR FORCE
Owner Address: 22 CSG/DE MARCH AFB

FACILITY 2622 (Continued) **U001576653**

Owner City,St,Zip: RIVERSIDE, CA 92518
Total Tanks: 0001

Tank Num: 001
Container Num: 2622-01
Year Installed: Not reported
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C91 **INTEX CORPORATION** **CA HIST UST** **U001576682**
NW **MARCH AFB FLIGHTLING** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 47 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001F71B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F71B.pdf
Region: STATE
Facility ID: 00000031133
Facility Type: Other
Other Type: POWER GENERATION
Contact Name: Not reported
Telephone: 7146554858
Owner Name: INTEX CORPORATION
Owner Address: 4130 SANTA FE AVE.
Owner City,St,Zip: LONG BEACH, CA 90801
Total Tanks: 0001

Tank Num: 001
Container Num: 3008-01
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

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C92 **FACILITY 2519** **CA HIST UST** **U001576650**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 48 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:
File Number: 0001FAB4
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB4.pdf
Region: STATE
Facility ID: 00000031153

FACILITY 2519 (Continued) **U001576650**

Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2519-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C93 **GLIDE SLOPE FACILITY 1300** **CA HIST UST** **U001576679**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 49 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA7.pdf
Region:	STATE
Facility ID:	00000031140
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1300-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C94 **FACILITY 1250** **CA HIST UST** **U001576639**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 50 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAB9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAB9.pdf
Region:	STATE
Facility ID:	00000031158
Facility Type:	Other
Other Type:	OIL/WATER SEPARATOR
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1250-OWS-1
Year Installed:	Not reported
Tank Capacity:	00003400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

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C95 **FACILITY 1272** **CA HIST UST** **U001576640**
NW **MARCH AFB FLIGHTLINE** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 51 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FAA6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FAA6.pdf
Region:	STATE
Facility ID:	00000031139
Facility Type:	Other
Other Type:	POWER GENERATION
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	1272-01
Year Installed:	Not reported
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FACILITY 1272 (Continued) **U001576640**

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C96 **FACILITY 2606** **CA HIST UST** **U001576652**
NW **MARCH AFB** **N/A**
< 1/8 **RIVERSIDE, CA 92518**
0.030 mi.
157 ft. **Site 52 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

HIST UST:

File Number:	0001FA94
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA94.pdf
Region:	STATE
Facility ID:	00000031118
Facility Type:	Other
Other Type:	HEATING EQUIPMENT
Contact Name:	Not reported
Telephone:	7146554858
Owner Name:	UNITED STATES AIR FORCE
Owner Address:	22 CSG/DE MARCH AFB
Owner City,St,Zip:	RIVERSIDE, CA 92518
Total Tanks:	0001
Tank Num:	001
Container Num:	2606-01
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

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C97 **AIR FORCE BASE CONV AGENCY** **RCRA-SQG** **1001115471**
NW **AFBCA/OL-DBF AREA** **CA HAZNET** **CAR000014068**
< 1/8 **MARCH AFB, CA 92518**
0.030 mi.
157 ft. **Site 53 of 53 in cluster C**

Relative:
Higher

Actual:
1512 ft.

RCRA-SQG:

Date form received by agency:	07/28/1996
Facility name:	AIR FORCE BASE CONV AGENCY
Facility address:	AFBCA/OL-DBF AREA WEST OF I-215 (SEE MAP) MARCH AFB, CA 925181504
EPA ID:	CAR000014068
Mailing address:	3430 BUNDY AVE MARCH AFB, CA 925181504
Contact:	JOHN SATROM
Contact address:	AFBCA/OL-DBF AREA WEST OF I-215 (SEE MAP) MARCH AFB, CA 925181504
Contact country:	US
Contact telephone:	(909) 697-6722
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator

AIR FORCE BASE CONV AGENCY (Continued) **1001115471**

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: AIR FORCE BASE CONV AGENCY
Owner/operator address: 3430 BUNDY AVE
MARCH AFB, CA 92518
Owner/operator country: Not reported
Owner/operator telephone: (909) 697-6722
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: 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: 07/28/1996
Site name: AIR FORCE BASE CONV AGENCY
Classification: Small Quantity Generator

Violation Status: No violations found

HAZNET:
envid: 1001115471
Year: 2012
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Riverside
TSD EPA ID: KSD980633259
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 5.018

AIR FORCE BASE CONV AGENCY (Continued) **1001115471**

Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

envid: 1001115471
Year: 2012
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Riverside
TSD EPA ID: KSD980633259
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 5.018
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

envid: 1001115471
Year: 2011
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Not reported
TSD EPA ID: KSD980633259
TSD County: Not reported
Waste Category: Organic solids with halogens
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 1
Cat Decode: Organic solids with halogens
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

envid: 1001115471
Year: 2011
GEPAID: CAR000014068
Contact: M SWART/ENVT'L PROTECTION SPEC
Telephone: 9166430830
Mailing Name: Not reported
Mailing Address: 2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip: LACKLAND AFB, TX 782360000
Gen County: Not reported
TSD EPA ID: KSD980633259
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 5
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

AIR FORCE BASE CONV AGENCY (Continued) **1001115471**

envid:	1001115471
Year:	2011
GEPAID:	CAR000014068
Contact:	M SWART/ENVT'L PROTECTION SPEC
Telephone:	9166430830
Mailing Name:	Not reported
Mailing Address:	2261 HUGHES AVENUE SUITE 155
Mailing City,St,Zip:	LACKLAND AFB, TX 782360000
Gen County:	Not reported
TSD EPA ID:	KSD980633259
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	5
Cat Decode:	Not reported
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Riverside

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

D98 **EMPIRE TRACTOR** **CA LUST** **S104164590**
SSW **1480 NANDINA AVE** **N/A**
1/8-1/4 **PERRIS, CA 92571**
0.247 mi.
1306 ft. **Site 1 of 3 in cluster D**

Relative:
Higher

Actual:
1508 ft.

LUST:

Region:	STATE
Global Id:	T0606500575
Latitude:	33.8671188104111
Longitude:	-117.258709195107
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/09/2002
Lead Agency:	RIVERSIDE COUNTY LOP
Case Worker:	SCB
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	083303385T
LOC Case Number:	9914949
File Location:	Local Agency Warehouse
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

Contact:

Global Id:	T0606500575
Contact Type:	Local Agency Caseworker
Contact Name:	SHARON BOLTINGHOUSE
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	sbolting@rivcocha.org
Phone Number:	9519558980

Global Id: T0606500575

EMPIRE TRACTOR (Continued) **S104164590**

Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: tmbeke-ekanem@waterboards.ca.gov
Phone Number: 9513202007

Status History:
Global Id: T0606500575
Status: Completed - Case Closed
Status Date: 01/09/2002

Global Id: T0606500575
Status: Open - Case Begin Date
Status Date: 02/23/1999

Regulatory Activities:
Global Id: T0606500575
Action Type: Other
Date: 02/28/1999
Action: Leak Stopped

Global Id: T0606500575
Action Type: ENFORCEMENT
Date: 04/02/2009
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500575
Action Type: Other
Date: 02/23/1999
Action: Leak Reported

Global Id: T0606500575
Action Type: Other
Date: 02/23/1999
Action: Leak Discovery

Global Id: T0606500575
Action Type: ENFORCEMENT
Date: 04/01/2009
Action: File review - #RCDEH Upload Site File 3/11/2015

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 9914949
Employee: Boltinghous-LOP
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

D99 SSW 1/8-1/4 0.247 mi. 1306 ft. — **EMPIRE TRACTOR CO**
1480 NANDINA AVE
PERRIS, CA 92571
Site 2 of 3 in cluster D

Database(s): RCRA-SQG, FINDS, ECHO
EDR ID Number: 1000886294
EPA ID Number: CA0000137596

Relative: Higher

Actual: 1508 ft.

RCRA-SQG:

Date form received by agency:	02/11/1994
Facility name:	EMPIRE TRACTOR CO
Facility address:	1480 NANDINA AVE PERRIS, CA 92571
EPA ID:	CA0000137596
Mailing address:	NANDINA AVE PERRIS, CA 92571
Contact:	BILL HUINKER
Contact address:	1480 NANDINA AVE PERRIS, CA 92571
Contact country:	US
Contact telephone:	(909) 943-2921
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:	EMPIRE TRACTOR CO
Owner/operator address:	1480 NANDINA AVE PERRIS, CA 92571
Owner/operator country:	Not reported
Owner/operator telephone:	(909) 943-2921
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	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

Violation Status: No violations found

EMPIRE TRACTOR CO (Continued) **1000886294**

FINDS:

Registry ID: 110002614118

Environmental Interest/Information System
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.

ECHO:

Envid:	1000886294
Registry ID:	110002614118
FIPS Code:	06065
EPA Region:	09
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	N
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	33.8672
Longitude:	-117.25862
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	CENTER OF A FACILITY OR STATION
Accuracy Meters:	30
Derived Tribes:	San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 19.4 mile(s), San Manuel Band of Mission Indians, California (previously listed as the San Manual Band of Serrano Mission Indians of the San Manual Reservation) - 19.4 mile(s), Soboba Band of Luiseno Indians, California - 19.9 mile(s), Morongo Band of Mission Indians, California (previously listed as the Morongo Band of Cahuilla Mission Indians of the Morongo Reservation) - 19.9 mile(s), Soboba Band of Luiseno Indians, California - 23.3 mile(s)
Derived Huc:	18070202
Derived WBD:	Not reported
Derived STCT FPS:	06065
Derived Zip:	92571
Derived CD113:	41
Derived CB2010:	060650426201035
Percent Minority:	82.049
Pop Den:	1483.43
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported

EMPIRE TRACTOR CO (Continued) **1000886294**

Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	CA0000137596
RCRA Permit Types:	SQG
RCRA NAICS:	Not reported
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported

EMPIRE TRACTOR CO (Continued) **1000886294**

RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002614118
Facility SIC Codes:	Not reported
Facility NAICS Codes:	Not reported
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

D100 **EMPIRE TRACTOR** **CA LUST** **S104753651**
SSW **1480 NANDINA AVE** **CA HIST CORTESE** **N/A**
1/8-1/4 **PERRIS, CA 92571**
0.247 mi.
1306 ft. **Site 3 of 3 in cluster D**

Relative:
Higher

Actual:
1508 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Leak being confirmed
Case Number:	083303385T
Local Case Num:	9914949
Case Type:	Soil only
Substance:	Waste Oil
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	NALINI
Enf Type:	Not reported
Funding:	Not reported

EMPIRE TRACTOR (Continued) **S104753651**

How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500575
How Stopped Date:	2/28/1999
Enter Date:	3/22/1999
Date Confirmation of Leak Began:	1/1/1965
Date Preliminary Assessment Began:	Not reported
Discover Date:	2/23/1999
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/22/1999
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8444924
Longitude:	-117.2222335
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	TME
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083303385T

E101 **NANDINA LIQUOR** **CA LUST** **S101631120**
SSW **1569** **CA SWEEPS UST** **N/A**
1/4-1/2 **PERRIS, CA 92571** **CA FID UST**
0.256 mi. **CA HIST CORTESE**
1354 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
1516 ft.

LUST:

Region:	STATE
Global Id:	T0606500307
Latitude:	33.8659398114501
Longitude:	-117.260492552057
Case Type:	LUST Cleanup Site
Status:	Open - Verification Monitoring
Status Date:	06/20/2005
Lead Agency:	RIVERSIDE COUNTY LOP
Case Worker:	LS
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	083302212T
LOC Case Number:	93025
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	***Data prior to 2005 does not appear in GeoTracker. Consult agency file for all site data*** In December, 1992, one 4000 gallon UST was removed from the site. Elevated hydrocarbon levels were detected in the soil. One additional 600 gallon UST was removed January 11, 1993. In July, 1994, hand augured soil samples were taken beneath the 600 gallon UST. Contamination increased with depth. Deeper augur samples, to 21 feet, were taken in November, 1994. TPHg increased from 100 ppm at 5 to 480 ppm at 8 to 820 ppm at 21. In September 1998, five underground storage tanks (USTs) were removed from the Site. Four of the five tanks contained gasoline and diesel fuel. The fifth tank was for storage of used oil. Confirmation soil samples collected following removal of the USTs revealed that discharges of petroleum hydrocarbons had occurred to subsurface soils. Neither product piping nor dispenser islands were removed during UST closure activities. The UST excavations were backfilled with the excavated soils. In February 1999, six exploratory soil borings were drilled and sampled in the vicinity of the former five USTs. Groundwater was encountered at 29. In October 1999, three groundwater wells, MW-1, MW-2 and MW-3, were installed in the area of the former gasoline and diesel fuel USTs. The remaining product piping, former dispenser islands, and dispenser canopy were removed in May 2001. In May 2001 ten additional exploratory borings were drilled and sampled. The northern end of the center dispenser island detected contaminants which increased with depth. In October and November 2002, further assessment was conducted at the Site . Five 2-inch diameter groundwater monitoring wells were installed on the Site. Significant soil contamination was not encountered within any of the five boreholes. Free product was encountered in MW-2 in December 2003. . MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events. In March 2004, three additional groundwater wells were installed. Significant soil

NANDINA LIQUOR (Continued) **S101631120**

contamination was not encountered within any of the three boreholes. A Dual-Phase Extraction pilot test was conducted during an approximately 80-hour event from November 15-November 19, 2004. A discharge permit was obtained from the Regional Water Quality Control Board (RWQCB) Santa Ana Region to discharge the treated groundwater to an underground trench. On May 10-12, 2006 a second pilot test was completed. On June 9, 2008 the groundwater pump and treat (GPT) and soil vapor extraction (SVE) systems were activated for preliminary testing purposes only. The systems were operated intermittently and necessary adjustments were made over a period of approximately six weeks. On July 23, 2008 the GPT and SVE systems became fully operational. The system operated until October 1, 2008 when it was shut down due to lack of funds. . The SVE system was restarted April 11, 2011 and limited testing using dual-phase extraction was completed May 5 and 20, 2011. On April 11, 2011, a dual-phase extraction system was started and continued through the second quarter 2011. A total of 399 lbs of TPHg were recovered. Third and fourth events were conducted in July through December 2011. A total of 512 lbs of TPHg and 138757 gallon of groundwater were removed during the third event and 33 lbs of TPHg and 25256 gallon of groundwater were removed during the fourth event. Seven soil borings were advanced to 35.5 feet on January 23 and 24, 2012 and were converted to one monitoring well (MW13) and 6 dual-phase extraction wells (DPE1 through DPE6). . The newly installed DPE wells (DPE-1 through DPE-6) were added to the DPE system. Up to 19700 ppmV TPHg was detected in the vapors in DPE4. Up to 14.4 ppmV benzene was detected in the vapors from DPE3. The DPE system was shut down due to Fund budgeting in April 2012. 285716 gallons of groundwater had been removed, treated and discharged. 1503 lbs of TPHg were recovered. The DPE system was restarted in July 2013. Influent TPHg vapors showed up to 262 ppmV. The system was operated until November 2012 when the DPE system was shut down for rebounding. Influent TPHg at shutdown was 103 ppmV, benzene was 0.4 ppmV, toluene was 3.56 ppmV, ethylbenzene was 1.33 ppmV and xylenes were 13.1 ppmV. A total of 8 dual-phase extraction treatment events had been conducted. 1855 lbs of hydrocarbons and 357916 gallons of groundwater have been removed during the 8 events. The groundwater monitoring wells have been sampled quarterly since October 2001 until September 2008 when sampling was discontinued due to lack of Funds. Sampling was restarted November 2009. Up to 75,000 ppb TPHd, 3,200,000 ppb TPHg, 1,300,000 ppb benzene, 3,900,000 ppb toluene, 850,000 ppb ethylbenzene, 5,900,000 ppb xylenes, 6,500 ppb MTBE, 48000 ppb Naphthalene, and 2300 ppb TAME was detected in all wells. Free product was encountered in MW-2 in December 2003. Up to 0.32 of free product was detected in MW-2 and 0.02 in MW-1. MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events.

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

Contact:
Global Id: T0606500307

NANDINA LIQUOR (Continued) **S101631120**

Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	cbernhardt@waterboards.ca.gov
Phone Number:	9517824495

Global Id:	T0606500307
Contact Type:	Local Agency Caseworker
Contact Name:	LINDA SHURLOW
Organization Name:	RIVERSIDE COUNTY LOP
Address:	47950 Arabia Street, Suite A
City:	Indio
Email:	lshurlow@rivcocha.org
Phone Number:	7608637570

Status History:

Global Id:	T0606500307
Status:	Open - Case Begin Date
Status Date:	12/21/1992

Global Id:	T0606500307
Status:	Open - Remediation
Status Date:	12/21/1992

Global Id:	T0606500307
Status:	Open - Remediation
Status Date:	06/20/2005

Global Id:	T0606500307
Status:	Open - Site Assessment
Status Date:	01/04/1993

Global Id:	T0606500307
Status:	Open - Site Assessment
Status Date:	01/22/1999

Global Id:	T0606500307
Status:	Open - Verification Monitoring
Status Date:	06/20/2005

Regulatory Activities:

Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	07/31/2009
Action:	Staff Letter - #RCDEH073109

Global Id:	T0606500307
Action Type:	Other
Date:	12/21/1992
Action:	Leak Stopped

Global Id:	T0606500307
Action Type:	RESPONSE
Date:	10/15/2013

NANDINA LIQUOR (Continued) **S101631120**

Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: REMEDIATION
Date: 03/31/2011
Action: Other (Use Description Field)

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 10/11/2006
Action: Staff Letter - #101106

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 02/08/2008
Action: File review

Global Id: T0606500307
Action Type: RESPONSE
Date: 12/20/2013
Action: Remedial Progress Report

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 10/24/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Annually

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/16/2012
Action: Other Report / Document

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Quarterly

NANDINA LIQUOR (Continued) **S101631120**

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 02/17/2012
Action: Well Installation Report

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 04/28/2015
Action: File review - #RCDEH site summary

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 11/30/2011
Action: Staff Letter - #RCDEH 113011

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Annually

Global Id: T0606500307
Action Type: Other
Date: 01/05/1993
Action: Leak Reported

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/02/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/04/2013
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/04/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 09/12/2013
Action: Other Workplan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE

NANDINA LIQUOR (Continued) **S101631120**

Date: 11/26/2006
Action: Other Report / Document

Global Id: T0606500307
Action Type: RESPONSE
Date: 02/06/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 06/03/2008
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 06/06/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/31/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 11/28/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 08/19/2008
Action: File review

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: REMEDIATION
Date: 03/01/2004
Action: Free Product Removal

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/07/2011
Action: Staff Letter - #RCDEH 070711

NANDINA LIQUOR (Continued) **S101631120**

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 04/25/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0606500307
Action Type: REMEDIATION
Date: 12/21/2000
Action: Excavation

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/19/2011
Action: Technical Correspondence / Assistance / Other - #RCDEH 071911

Global Id: T0606500307
Action Type: Other
Date: 01/04/1993
Action: Leak Discovery

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: REMEDIATION
Date: 07/23/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 93025
Employee: Shurlow-LOP
Site Closed: Not Closed
Case Type: Drinking Water Aquifer affected
Facility Status: remedial action
Casetype Decode: An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode: Remedial Action

NANDINA LIQUOR (Continued) **S101631120**

SWEEPS UST:

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000001
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	7

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000002
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000003
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90

NANDINA LIQUOR (Continued) **S101631120**

Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000004
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000005
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000006
Tank Status:	A
Capacity:	100
Active Date:	06-14-90
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	58511
Number:	1
Board Of Equalization:	44-018401
Referral Date:	06-14-90
Action Date:	06-14-90
Created Date:	03-28-89
Owner Tank Id:	001600
SWRCB Tank Id:	33-000-058511-000007
Tank Status:	A
Capacity:	100

NANDINA LIQUOR (Continued) **S101631120**

Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 33000360
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149437075
Mail To: Not reported
Mailing Address: 1569 NANDINA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: PERRIS 92370
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083302212T

E102 **PULLIAM FAMILY TRUST** **CA LUST** **S105850475**
SSW **1569 NANDINA AVE** **N/A**
1/4-1/2 **PERRIS, CA 92571**
0.256 mi.
1354 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
1516 ft.

LUST REG 8:
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment workplan submitted
Case Number: 083302212T
Local Case Num: 93025
Case Type: Soil only
Substance: Diesel
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Cross Street: HWY 215
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0606500307

PULLIAM FAMILY TRUST (Continued) **S105850475**

How Stopped Date:	12/21/1992
Enter Date:	3/17/1993
Date Confirmation of Leak Began:	1/4/1993
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/4/1993
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	1/1/1965
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/17/1993
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8444924
Longitude:	-117.2222335
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

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103 **SITE Y -CAMP HAAN** **CA SWF/LF** **S106900233**
SW **NORTH END DECKER ROAD / WEST OF I- 215** **N/A**
1/4-1/2 **MARCH AIR FORCE BASE, CA**
0.335 mi.
1769 ft.

Relative:
Higher

Actual:
1542 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	33-CR-0059
Lat/Long:	33.8665000 / -117.26662
Owner Name:	US Dept. Veterans Affiars
Owner Telephone:	9516538417
Owner Address:	National Cemetery Adm.
Owner Address2:	22495 Van Buren Blvd.
Owner City,St,Zip:	Riverside, CA 92518
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported

SITE Y -CAMP HAAN (Continued) **S106900233**

Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Solid Waste Disposal Site
Regulation Status:	Unpermitted
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Construction/demolition,Inert,Mixed municipal
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	33-CR-0059
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	33.8665000 / -117.26662

104
West
1/4-1/2
0.379 mi.
2002 ft.

RIVERSIDE NATIONAL CEMETE **CA HIST CORTESE** **S105025886**
123 ACRES OF REVERSIDE CA **N/A**
RIVERSIDE, CA 92518

Relative:
Higher

Actual:
1557 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	CALSI
Reg Id:	33890003

105
SSW
1/4-1/2
0.489 mi.
2584 ft.

BELL GRAIN AND MILLING **CA LUST** **S105025544**
17971 HIGHWAY 215 **CA HIST CORTESE** **N/A**
PERRIS, CA 92570

Relative:
Higher

Actual:
1520 ft.

LUST:

Region:	STATE
Global Id:	T0606500208
Latitude:	33.8591463393389
Longitude:	-117.260587245369
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/13/1990
Lead Agency:	RIVERSIDE COUNTY LOP
Case Worker:	SCB
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	083301648T

BELL GRAIN AND MILLING (Continued) **S105025544**

LOC Case Number: 90793
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0606500208
Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: sbolting@rivcocha.org
Phone Number: 9519558980

Status History:
Global Id: T0606500208
Status: Completed - Case Closed
Status Date: 12/13/1990

Global Id: T0606500208
Status: Open - Case Begin Date
Status Date: 07/23/1990

Global Id: T0606500208
Status: Open - Site Assessment
Status Date: 08/28/1990

Regulatory Activities:
Global Id: T0606500208
Action Type: ENFORCEMENT
Date: 03/06/2009
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500208
Action Type: Other
Date: 07/23/1990
Action: Leak Stopped

Global Id: T0606500208
Action Type: Other
Date: 08/28/1990
Action: Leak Reported

Global Id: T0606500208
Action Type: ENFORCEMENT
Date: 12/13/1990
Action: Closure/No Further Action Letter

Global Id: T0606500208
Action Type: Other
Date: 07/23/1990
Action: Leak Discovery

BELL GRAIN AND MILLING (Continued) **S105025544**

Global Id:	T0606500208
Action Type:	ENFORCEMENT
Date:	03/05/2009
Action:	File review - #RCDEH Upload Site File 9/5/2014

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083301648T
Local Case Num:	90793
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Subsurface Monitoring
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0606500208
How Stopped Date:	7/23/1990
Enter Date:	9/16/1990
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/23/1990
Enforcement Date:	1/1/1965
Close Date:	12/13/1990
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/16/1990
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.3502267
Longitude:	-117.2493057
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:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L

BELL GRAIN AND MILLING (Continued) **S105025544**

Hydr Basin #: UPPER MOJAVE RIVER V
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: ALSO DIESEL CONTAMINATION

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 90793
Employee: Lehmann
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

HIST CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083301648T

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106 **CAMP HAAN** **FUDS** **1007372675**
WSW **N/A**
1/4-1/2 **RIVERSIDE, CA**
0.500 mi.
2640 ft.

Relative:
Higher

Actual:
1570 ft.

FUDS:
Federal Facility ID: CA9799F5400
FUDS #: J09CA0279
INST ID: 61045
Facility Name: CAMP HAAN
City: RIVERSIDE
State: CA
EPA Region: 09
County: RIVERSIDE
Congressional District: 41
US Army District: Los Angeles District (SPL)
Fiscal Year: 2013
Telephone: 213-452-3920
NPL Status: Not Listed
RAB: Not reported
CTC: 20112.09
Current Owner: Other Federal Government
Current Prog: Not reported
Future Prog: Not reported
Acreage: Not reported
Description: LOCATED SOUTHEAST OF RIVERSIDE AND MORENO VALLEY
History: CAMP HAAN WAS PRIMARILY USED AS COAST ARTILLERY ANTI-AIRCRAFT TRAINING CENTER. ALSO USED AS A SEPARATION POINT FOR WARTIME SOILDERS, AND A POW CAMP
Latitude: -117.306999207
Longitude: 33.893100738500

107
NNW
1/2-1
0.790 mi.
4169 ft.

MARCH FIELD
OTHER, CA

FUDS **1007212253**
N/A

Relative:
Higher

Actual:
1520 ft.

FUDS:

Federal Facility ID:	CA9799F9991
FUDS #:	J09CA7168
INST ID:	53630
Facility Name:	MARCH FIELD
City:	OTHER
State:	CA
EPA Region:	09
County:	RIVERSIDE
Congressional District:	41
US Army District:	Los Angeles District (SPL)
Fiscal Year:	2013
Telephone:	213-452-3920
NPL Status:	Not Listed
RAB:	Not reported
CTC:	2208.199
Current Owner:	Other
Current Prog:	Not reported
Future Prog:	Not reported
Acreage:	Not reported
Description:	March Field is located in Riverside County, CA approximately 10 miles south of the City fo Riverside and immediately south of the City of Moreno Valley.
History:	The U.S. Army acquired use of 640 acres in 1918 and established March Field. Initially, the airfield was used for primary flight training. During WWII, the airfield was used for bomber training. The Army Air Corps leased a total of 654.61 acres immediately north of the base. Skeet and shotgun ranges were established on the center portion of this parcel. No ordnance debris is known to have been discovered in this area, but remains of clay pigeons are abundant. Based on available documentation, the eastern and western ends of this parcel were inactive during the entire lease period. None of the military improvements remain and portions of the parcel, especially the western half, have undergone commercial development. Two parcels on the south side of the base, one 4.28ac. and the other 4.90ac.,were aquired during runway expansion but never used. No military improvements were ever constructed on either parcel. They are now open field and idle. A 0.14-acre parcel was quitclaimed to a local utility company on 4 Jan 1944.
Latitude:	-117.262001037
Longitude:	33.913799285899

108
West
1/2-1
0.805 mi.
4251 ft.

MARCH AFB
(1.25 MILES SOUTH OF)
ALESSANDRO, CA

CA ENVIROSTOR **S107736668**
N/A

Relative:
Higher

Actual:
1606 ft.

ENVIROSTOR:

Facility ID:	80001157
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS

MARCH AFB (Continued) **S107736668**

Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.87083
Longitude: -117.2777
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA48900
Alias Type: Federal Facility ID
Alias Name: J09CA7463
Alias Type: INPR
Alias Name: 80001157
Alias Type: Envirostor ID Number

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

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

Count: 8 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARCH FIELD	S117714550	VAN BUREN I215 INTERCHANGE RECONST	VAN BUREN BLVD	92518	CA NPDES
MORENO VALLEY	S108985918	U.S. AIR FORCE - MARCH AFB (FORMER	N/A GRAHAM		CA SLIC
MORENO VALLEY	S106568096	INDIAN MIDDLE SCHOOL	INDIAN AVENUE / IRIS AVENUE	92551	CA ENVIROSTOR, CA SCH
PERRIS	S107737124	RAILROAD ELEMENTARY SCHOOL	A STREET/ALPINE DRIVE	92570	CA ENVIROSTOR, CA SCH
RIVERSIDE	S107538951		CENTRAL AVENUE AND CHICAGO, IN		CA CDL
RIVERSIDE	S117897990	MARCH AIR FORCE BASE	MERIDIAN PKWY & VAN BUREN BLVD	92518	CA SLIC
RIVERSIDE	S108985920	RIVERSIDE PLUME	N/A RIVERSIDE II BASIN		CA SLIC
RIVERSIDE	S108985921	UCR (PESTICIDE PITS)	N/A UNIVERSITY AVENUE		CA SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/06/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

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

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/29/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/18/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/17/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

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

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/28/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/04/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 58

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/14/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 11/07/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/25/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 16

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 12/17/2015
Date Data Arrived at EDR: 12/22/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/25/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 20

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/12/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 06/26/2015
Date Data Arrived at EDR: 07/10/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 95
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/07/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/26/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

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

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2015
Date Data Arrived at EDR: 09/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 125

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/02/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/04/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/04/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

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

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/28/2015
Date Data Arrived at EDR: 12/29/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 23

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/29/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/05/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 09/25/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 41

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 59

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 59

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 58

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/13/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/13/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 11/10/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/18/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/17/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 44

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 03/01/2016
Number of Days to Update: 75

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/23/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 28

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/16/2016
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/24/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 41

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/14/2016
Date Made Active in Reports: 03/01/2016
Number of Days to Update: 47

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 12/10/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 42

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 02/02/2016
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 18

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 09/22/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 22

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

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

Date of Government Version: 12/01/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/22/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 03/07/2016
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/30/2015
Date Data Arrived at EDR: 12/03/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 49

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

FRESNO COUNTY:

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

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 45

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/02/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 48

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/25/2016
Date Data Arrived at EDR: 01/27/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 26

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

KINGS COUNTY:

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

Date of Government Version: 11/19/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 18

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 27

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Varies

LOS ANGELES COUNTY:

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

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/19/2015
Date Data Arrived at EDR: 10/20/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 30

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/20/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/10/2015
Number of Days to Update: 14

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Varies

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

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/15/2016
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 24

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

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

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 03/07/2016
Number of Days to Update: 84

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/05/2015
Date Data Arrived at EDR: 10/08/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 7

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 34

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
CUPA Facility List

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 51

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 12/10/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 60

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2016
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 11/01/2015
Date Data Arrived at EDR: 11/17/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 65
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Annually

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

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 32
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 11/01/2015
Date Data Arrived at EDR: 11/11/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 36
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 12/11/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 41
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/26/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/26/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

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

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/03/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

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

Date of Government Version: 12/18/2015
Date Data Arrived at EDR: 12/22/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 48
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/10/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 42
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/21/2016
Data Release Frequency: Varies

SAN MATEO COUNTY:

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

Date of Government Version: 10/14/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 32

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/29/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/17/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 59

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/18/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 18

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 12/10/2015
Date Made Active in Reports: 01/21/2016
Number of Days to Update: 42

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/10/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 10/30/2015
Date Data Arrived at EDR: 12/14/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 56

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/10/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/14/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 39

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/07/2016
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 32

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/08/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 9

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 10/29/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 42

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 03/04/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 08/17/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 17

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/14/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 11/30/2015
Date Data Arrived at EDR: 12/17/2015
Date Made Active in Reports: 02/08/2016
Number of Days to Update: 53
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/17/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 10/19/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 23
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/01/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 17
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

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

Date of Government Version: 11/02/2015
Date Data Arrived at EDR: 11/08/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 31

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/07/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/09/2015
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD/215
VAN BUREN BOULEVARD/215
MARCH AIR RESERVE BA, CA 92518

TARGET PROPERTY COORDINATES

Latitude (North):	33.874288 - 33° 52' 27.44''
Longitude (West):	117.255402 - 117° 15' 19.45''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	476378.9
UTM Y (Meters):	3748052.8
Elevation:	1503 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641324 STEELE PEAK, CA
Version Date:	2012
Northeast Map:	5641326 SUNNYMEAD, CA
Version Date:	2012
Southeast Map:	5641330 PERRIS, CA
Version Date:	2012
Northwest Map:	5641312 RIVERSIDE EAST, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

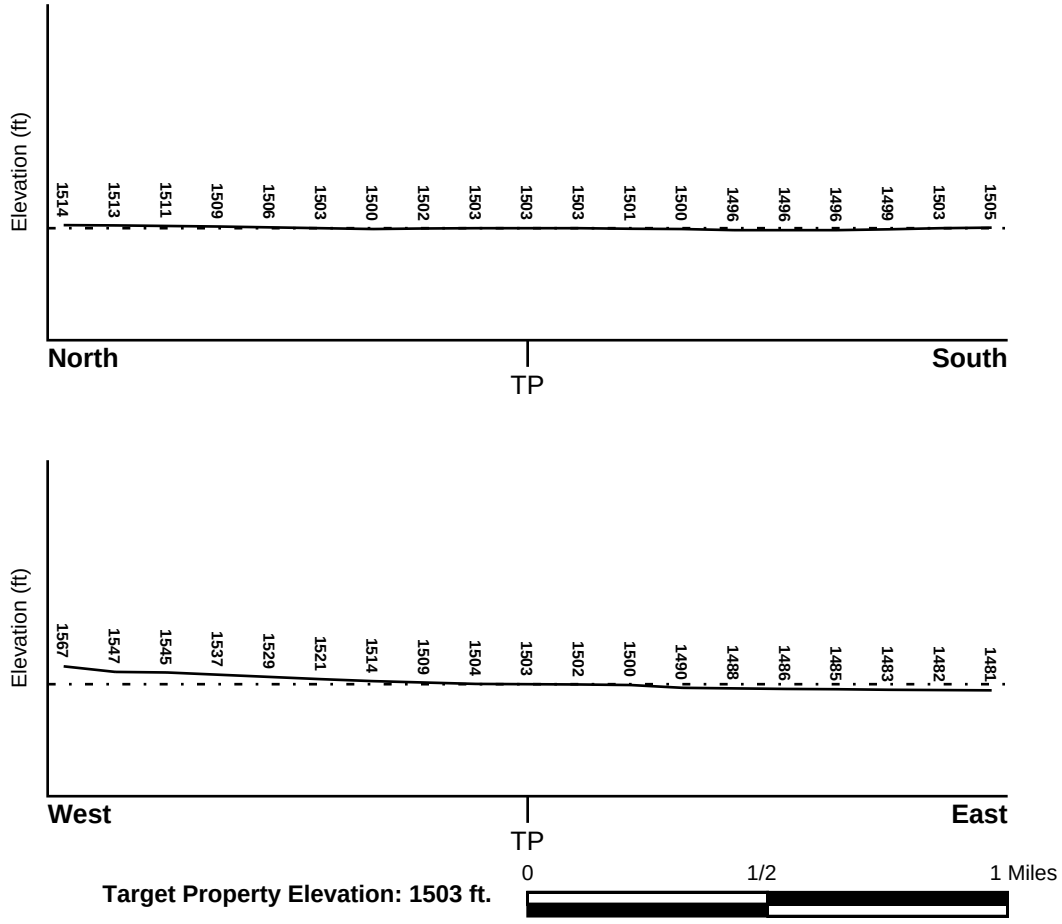
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

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

Flood Plain Panel at Target Property: 06065C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

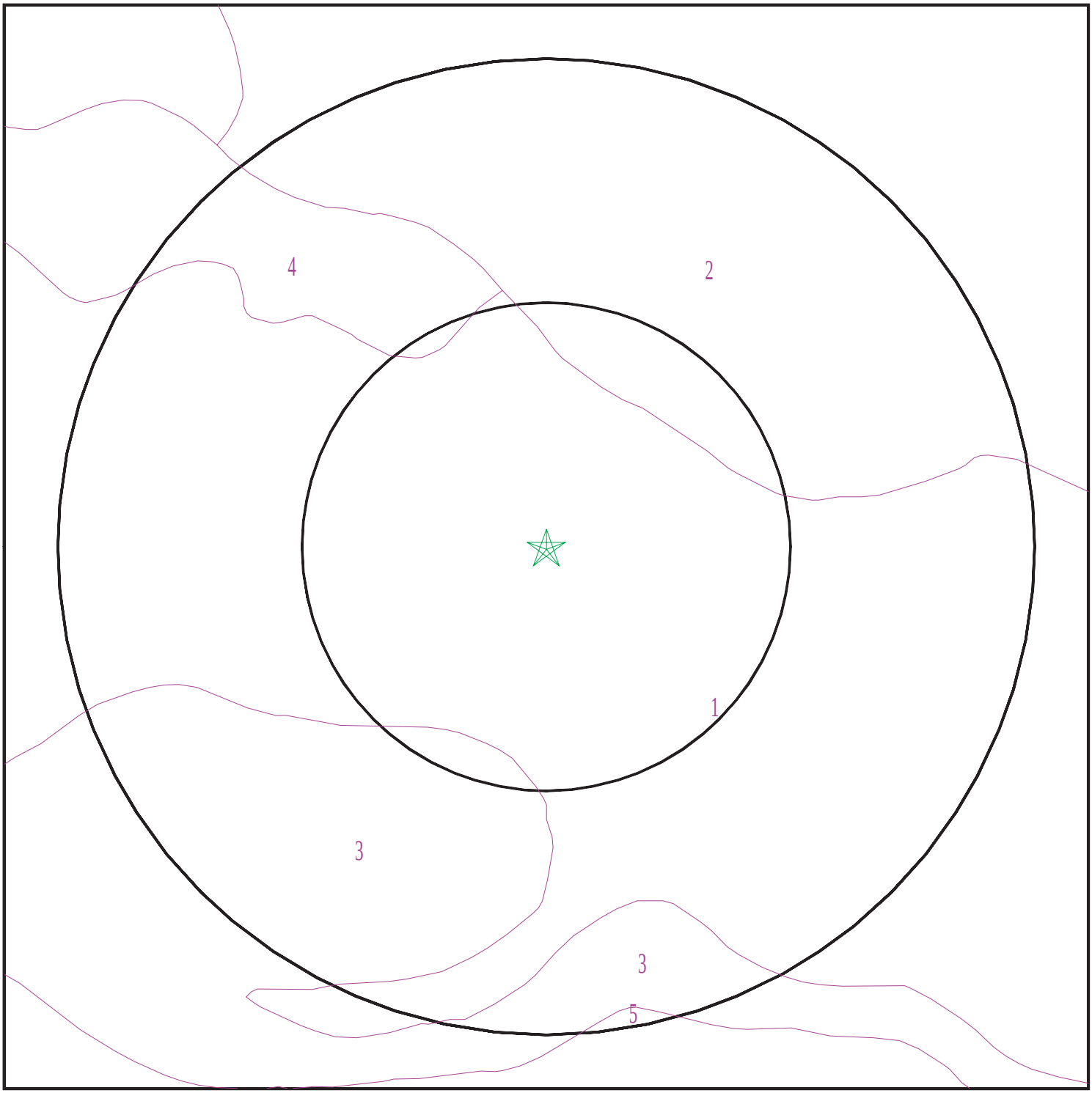
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 4559570.2s



SITE NAME:	Van Buren Boulevard/215	CLIENT:	Terracon
ADDRESS:	Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT:	Jennifer Van
LAT/LONG:	33.874288 / 117.255402	INQUIRY #:	4559570.2s
		DATE:	March 09, 2016 3:26 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	27 inches	44 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	44 inches	57 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
5	57 inches	70 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6
3	37 inches	50 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
3	42 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.6
3	37 inches	50 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: HANFORD

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

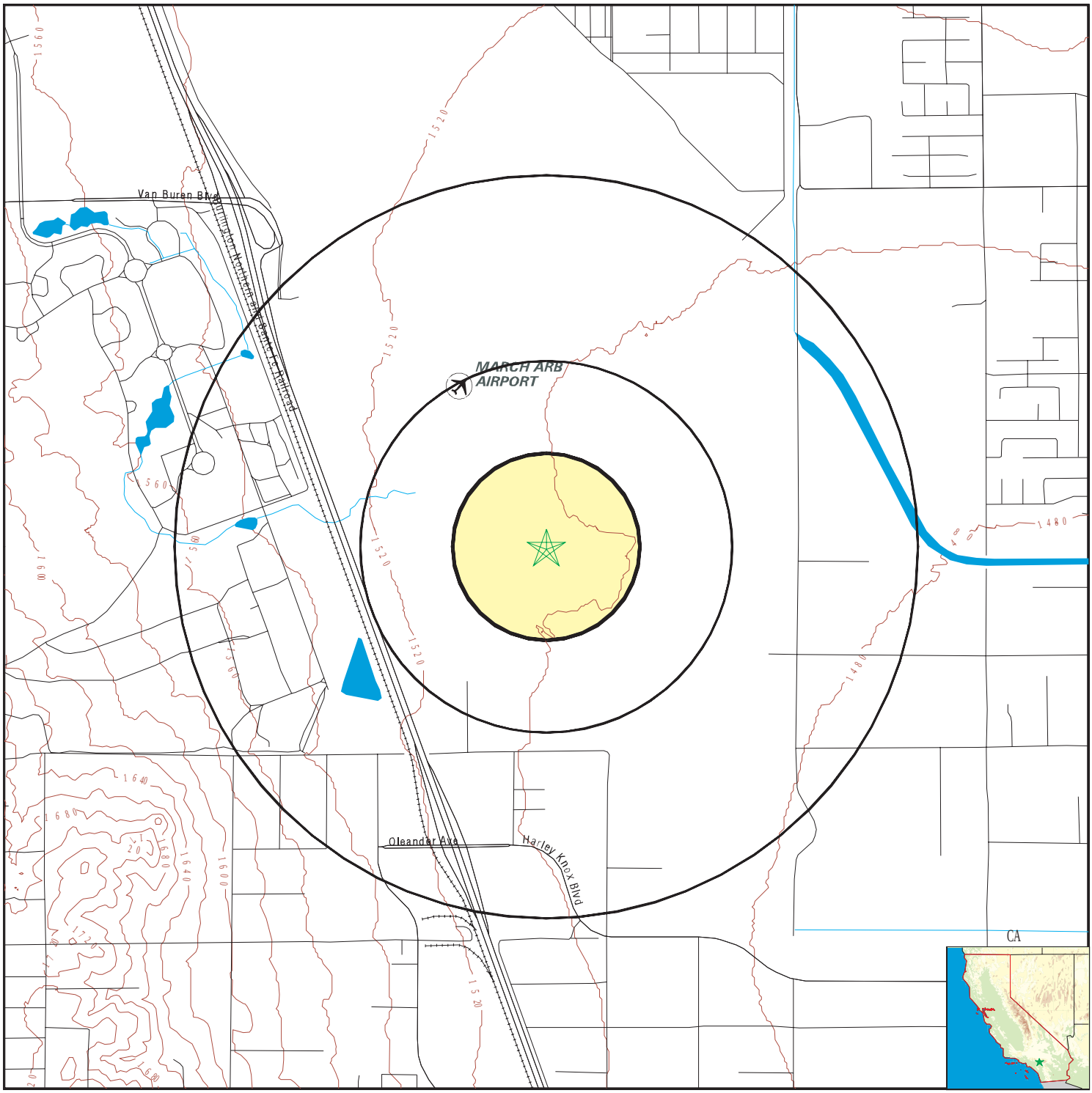
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4559570.2s



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

SITE NAME: Van Buren Boulevard/215	CLIENT: Terracon
ADDRESS: Van Buren Boulevard/215 March Air Reserve Ba CA 92518	CONTACT: Jennifer Van
LAT/LONG: 33.874288 / 117.255402	INQUIRY #: 4559570.2s DATE: March 09, 2016 3:25 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for RIVERSIDE County: 2

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

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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APPENDIX E
CREDENTIALS

ISLAM (SAMI) R. NOAMAN, E.I.T.
ENVIRONMENTAL GROUP MANAGER

Professional Experience:

Mr. Noaman is an environmental group manager with track record in client management, management of phases of environmental site assessments (ESAs), business environmental risk reviews, site characterizations, regulatory compliance services, and remediation projects. Possess excellent analytical, problem solving, advisory, and team management skills. Seeking to leverage my management potentials in the environmental consulting services.

Environmental Site Assessments (ESA):

Performed and managed hundreds of ESAs in California for industrial, commercial, residential, and agricultural properties. Managed long-term national accounts for financial institutions (equity and loan portfolios), real estate investment trusts, developers and other real property owners. Understands facility operating systems; state and federal regulations; and fate and transport of chemicals through air, soil, vapor, surface water and groundwater. Is experienced in the performance of ESAs under the All Appropriate Inquiry rules (ASTM 1527-13), and meets the requirements of an Environmental Professional as defined by this rule.

Limited Subsurface Investigations (LSIs):

Performed and managed hundreds of lsis in california, new jersey, and new york. Investigated environmental conditions in soils and groundwater as a result of releases from a variety of sources, including service stations, dry cleaners, and a wide range of industrial and manufacturing operations. Specialized in collection and interpretation of data to pursue closure through state and federal programs including los angeles county site mitigation unit, the regional water quality control board, and the department of toxic substances control voluntary cleanup programs (vcp).

Hazardous Materials Surveys:

Managed and/or provided quality assurance for numerous hazardous materials surveys in the state of california including, but not limited to, acm, lead in paint, mold, pcbs, and mercury-containing equipment. Acm surveys were performed in accordance with ahera and neshap guidelines on commercial, multi-family residential, and educational properties slated for renovation or demolition.

Stormwater Prevention and Pollution Control Plan (SWPPP):

Managed SWPPP for numerous industrial sites in Southern California. Scope of the work typically included client and agency coordination, implementation of guidelines required by the state of California Water Resources Board (SWRB), and preparation of documentations for submittals to the SWRB. In addition, I have managed several limited regulatory compliance projects (annual submittals and Level 1 ERA reporting) for industrial stormwater, to achieve compliance in accordance with the NPDES general permit requirements.

Education

Bachelor of Science, Chemistry/Environmental Chemistry, 2002, City University of New York, City College of New York

Pursuing Masters in Environmental Engineering (California State University Fullerton-expected graduation date Fall 2017

Certifications

Certified Engineer In Training (CA) Certification No. EIT 171371

40-Hour OSHA Hazardous Waste Operations & Emergency Response Training Course

2017)

Work History

Terracon Consultants, Inc. (Irvine, CA), Environmental Group/Department Manager, June 2012 to Present

Smith Emery GeoServices (SEG), (Los Angeles, CA), Project Manager, August 2008 to June 2012

KLK Environmental Group LLC. (Kearny, NJ). Environmental Scientist August 2003 to June 2008

UniChem Inc. (Kearny, NJ). Staff Environmental Chemist August 2002 to June 2003

Terracon

Major Department Store Commercial Retail Portfolio: Environmental team lead for evaluating environmental site conditions and due diligence review, including overseeing Phase I Environmental Site Assessments and Phase II Environmental Site Investigations for over thirty retail facilities with automotive maintenance across California. Findings from subsurface investigations were used to support regulatory closure of select facilities to facilitate a real estate transaction across the United States.

Industrial Facility – Land-use Change/Private School, Los Angeles, CA: Environmental consulting services including Phase I Environmental Site Assessments (ESA) due diligence support, subsurface investigation activities to evaluate environmental media including soil, soil gas and indoor / outdoor air. Services included a land-use change from an industrial facility to a private school. Prepared environmental investigation reports, regulatory interaction, corrective action design for indoor air mitigation, and work plan for management of environmental media.

Retail Shopping Center – Former Dry Cleaners Facility – DTSC, Fremont, CA: Conducted extensive site investigation activities to evaluate the magnitude and extent of chlorinated solvents identified in the vicinity of a former dry cleaners facility, including an evaluation of groundwater, soil, soil-gas and indoor vapors as a result of a chlorinated solvent plume. Project responsibilities consisted of direct support and interaction with client, client legal team and DTSC representatives to manage the closure process, including the preparation of work plans and environmental investigation reports, risk-based human health evaluation, and response actions.

Underground Storage Tank Assessment and Monitoring – West Los Angeles, CA: Assisted property owner with the regulatory closure of former underground storage tank (UST) site located in West Los Angeles, California. The project scope included historical research of past site use and site characterization, including soil, groundwater and soil gas assessments, followed by groundwater monitoring until closure was achieved.

Automated Fuel Dispensing Facilities – Camp Pendleton, California: Project scope included environmental and geotechnical investigations at six fueling existing/proposed facilities within Camp Pendleton, California. The project consisted of construction of new buildings, canopies, pavements, retaining walls, slopes, and installation of underground storage tanks (USTs), and other site facilities. Served as the environmental group leader.

Emerson College, Hollywood, California: Conducted comprehensive investigation and assisted the client through enrolling and interacting with the LAFD regarding USTs found during construction activities. Provided construction management oversight to manage impacted soils and assisted the client in waste disposition, permitting and regulatory compliance interaction. A total of 45,000 cubic yards of soil was removed from the site and disposed at an off-site facility, prior to the construction of a mid-rise school complex. Support services allowed for significant savings in construction, on an expedited timeline in concert with the construction schedule.

Los Angeles Unified School District (LAUSD Sites): Managed soil characterization for export/import soils for over nine Los Angeles Unified School District (LAUSD) sites. Prepared Sample Strategy Plans (SSP) for stockpiled and in-place soils, oversaw the sampling, and prepared soil certification reports under the supervision of a professional geologist for submittal to the LAUSD Office of Environmental Health.

Newton Plastics, Newton, NJ: Managed the removal of two 12,000-gallon (solvents & gasoline containing) USTs from a plastic products manufacturing facility as a part of transaction deal. Project tasks included, work plan preparation, regulatory officials interface, client contact/coordination, oversight of removal activities, and report preparation. No further action letter from NJDEP was obtained for the client. The property value was retained for the client with our consulting services.

Eagle Electric, Queens, NY: Responsibilities were to manage the cleanup of former Coal storage rooms in basement of a landmark building in Queens, NY. The cleanup activities included, hauling of approximately 425 tons of Class N-1 Hazardous materials, managed and ensured safety of eight to twelve crew, handling of waste manifests, and coordination for transportation / disposal and client interface.

AROL Chemicals, Newark, NJ: Managed Phase I and Phase II ESA of chemical manufacturing facility. Scope of Phase II ESA included, the removal of three 12,000-gallon USTs, excavation and disposal of impacted soils.

KeySpan Energy, NY: Responsibilities include inspection and maintenance of client boilers and tanks systems. Objectives were to prevent scaling/rusting in the boiler systems resulting from the plant operations to maintain operations efficiency. Goals were achieved for the client by developing environmentally friendly chemical reagents (pH controlled) to mitigate the concerns at the plant, boilers maintenance issues were resolved and steady business was created for the company.

The HACH Company, OH: Implementing a unique techniques producing Ferrozine - Iron- reagent for determining trace levels of iron in chemical reagents and glycols. Ferrozine can also be used to analyze samples containing magnetite (black iron oxide) or ferrites.

KIWA of The Netherlands: Research and development of new synthetic methods of alkali Ferrates including, Potassium, Sodium, and Barium ferrates, an environmentally friendly oxidative reagents used in wastewater treatment for municipal and industrial facilities.

CARL A. PARTEN, P.G.
OFFICE MANAGER

PROFESSIONAL EXPERIENCE

Mr. Parten has twenty-five years of experience in environmental site investigations and remediation studies for Industrial and Hazardous Waste sites, municipal solid waste landfill sites and underground storage tank (UST) facilities. He was the Risk Assessment and Corrective Action Manager for Terracon's Dallas office before taking over the Orange County location as Office Manager.

He has successfully managed and obtained regulatory closure of over 30 Voluntary Cleanup Program (VCP) sites and leaking underground storage tank (LUST) facilities, and coordinated UST removal and closure for numerous facilities in multiple states throughout the United States. Mr. Parten possesses extensive experience in the installation of monitor wells, aquifer characterization, sensitive receptor surveys, risk-based assessments, vapor intrusion (VI) evaluations, and soil-gas assessments. Additionally, he has extensive experience in comprehensive soil and groundwater investigations on industrial facilities and municipal solid waste (MSW) landfill facilities, including evaluation of landfill gas/methane impacts. He has prepared and implemented corrective action work plans for remediation of chlorinated hydrocarbons at dry cleaner facilities and petroleum hydrocarbons at LUST facilities, MSW landfill facilities, and managed and implemented groundwater pump and treat, non-aqueous phase liquid (NAPL) recovery, and duel-phase vapor extraction systems for the recovery of petroleum hydrocarbons. Additionally, Mr. Parten developed work plans and implemented the remediation of heavy metals and poly-nuclear aromatic hydrocarbons (PAHs).

PROJECT EXPERIENCE

USARC Facility – Mare Island, California
Environmental team leader for evaluation of an existing 32-acre military facility, Mare Island in California. The teaming effort included the preparation of a Technical Assessment report on the facility to provide USAR a decision making and programming tool to establish future restoration and replacement upgrades to the facility. The report included an evaluation of existing conditions of the site and facilities with respect to current mission and identified construction costs required to comply with USAR facility standards, Anti-Terrorism/Force Protection requirements, handicapped accessibility regulations, and current building codes. Conceptual costs for related improvements and environmental mitigation were presented.

Automated Fuel Dispensing Facilities – Camp Pendleton, California
Project scope included environmental and geotechnical investigations at six fueling existing/proposed facilities within Camp Pendleton, California. The project consisted of construction of new buildings, canopies, pavements, retaining walls, slopes, and installation of underground storage tanks (USTs), and other site facilities. Served as the primary client point of contact and environmental technical leader.

Education

Bachelor of Science, Geology, Sul Ross State University, Alpine, Texas, 1994

Additional Courses:
University of Houston TCEQ Texas Risk Reduction Program: Mod. I, II, and III

Roadmap to Remediation

CAPM Refresher Course, Texas A&M University

TNRCC Hazardous Waste Seminar

TNRCC PST Risk Assessments Seminar

TNRCC Pollution Prevention Training Workshop

API Risk/Exposure Assessment

Contaminant Fate and Transport Modeling in Risk Assessment

Environmental Hydrology / Soil Science

Certifications

Licensed Professional Geoscientist (P.G.), I.D. # 221, Texas Board of Professional Geoscientists 2003 (current)

Registered Professional Geologist (P.G.), I.D. # 004037; State of Tennessee, May 1996 (current)

TCEQ Corrective Action Project Manager, CAPM #01091 (current)

40 Hour OSHA Hazardous Waste Site & Waste Management Training

Affiliations

BDA/Orange County
CMAA
Groundwater Resource Assoc.
Geological Society of America

Work History

Terracon Consultants, Inc. (Irvine), Principal, Office Manager, July 2010 to Present

Terracon Consultants, Inc. (Dallas), Environmental Group Manager, August 1998 to July 2010

ATC (formerly ATEC) Associates, Inc. - Dallas, Texas, Senior Project Manager April 1990 to August 1998

Terratech, Inc. - San Jose, California, Environmental and Geotechnical Technician February 1989 to March 1990

Woodward-Clyde Consultants - San Jose, California, Environmental and Geotechnical Technician March 1987 to February 1989

Terracon

Mixed-Use High-rise Building, West Hollywood, California
Conducted comprehensive investigation and assisted the client through enrolling and interacting with the DTSC / VCP regarding chlorinated solvent and heavy metal-impacted soil and groundwater. Provided construction management oversight to manage impacted soils and assisted the client in waste disposition, permitting and regulatory compliance interaction. A total of 52,000 cubic yards of soil was removed from the site and disposed at an off-site facility, prior to the construction of a $170M high-rise multi-use complex. Terracon's support services allowed for significant savings in construction, on an expedited timeline in concert with the construction schedule.

Underground Storage Tank and Soil Remediation – Regional Water Board, Squaw Valley, CA
Terracon assisted a private developer with the regulatory closure of an underground storage tank (UST) site located in Squaw Valley, California. The abandoned 10,000-gallon UST was responsible for a release of heavy waste oils to the ground surface and banks of a creek. Following disposal of the UST, approximately 70 cubic yards of petroleum-impacted soils were excavated and properly disposed. Interaction with the Regional Water Board and Public Notification resulted in the issuance of case closure.

Retail Shopping Center – Former Dry Cleaners Facility – DTSC, Fremont, CA
Conducted extensive site investigation activities to evaluate the magnitude and extent of chlorinated solvents identified in the vicinity of a former dry cleaners facility, including an evaluation of groundwater, soil, soil-gas and indoor vapors as a result of a chlorinated solvent plume. Mr. Parten provided direct support and interaction with client, client legal team and DTSC representatives to manage the closure process, including the preparation of work plans and environmental investigation reports.

Municipal Landfill – VCP Site
Successfully oversaw and managed the engineering design and construction quality assurance for the closure and restoration of a high-profile MSW landfill in accordance with regulatory standards, subsequent to significant investigation activities. The remedy consisted of removal and consolidation of wastes and construction of LFG recovery trenches to prevent migration of landfill gas. The remedy utilized engineering controls and removal of impacted media. Project management responsibilities included coordination with Local, State and Federal officials, public/neighborhood communications, and interaction with attorneys, and management of project budgets that exceeded $4.5 million over seven years. Terracon continues to provide post closure care monitoring and O&M for the site.

Department of Transportation Contract
Successfully managed a two-year environmental services contract with the Texas Department of Transportation (TxDOT) and coordinated multiple Terracon offices to provide geographic coverage of environmental consulting service throughout Texas. Mr. Parten was the liaison to TxDOT for the performance of environmental consulting services, and provided senior technical review of environmental investigations, Phase I ESAs, removal of underground storage tanks, remediation of affected media and waste management, asbestos and lead-based paint investigations, and management of financial metrics and budgets in strict conformance with negotiated fees and procedures under a $2,000,000 contract.

City-Operated LUST Facilities
Provided senior project management of 14 City operated LUST facilities through coordination of investigation, regulatory reporting and response actions in the pursuit of closure. Mr. Parten was responsible for managing all site activities, evaluation of data, reporting, communicating with local and state officials, and management of budget and schedule requirements.

Municipal Property
Provided senior project management and technical review of several properties, including the remediation of metals and PAH-impacted soils, using a combination of excavation and removal and in-place stabilization. Work was performed under the EPA Brownfields Program and the Voluntary Cleanup Program. The $1.2 million dollar remediation project was part of a high-profile downtown parks and recreation redevelopment project that successfully established LEED Certified public parks in areas once occupied by commercial and

industrial property. Mr. Parten was responsible for managing all site activities, evaluation of data, reporting, communicating with local and state officials, and management of budget and schedule requirements.

3.023-Acre Tract – VCP Site

Successfully managed a Phase I ESA and subsequent comprehensive site investigation to evaluate historical site activities and non-native fill material. Chemicals of concern included VOCs, TPH, metals and PAHs in on-site soil and groundwater. Subsequent to completion of a risk-based assessment, response actions including remediation of approximately 1,500 cubic yards of impacted soils was performed to obtain a voluntary cleanup program Certificate of Completion. Mr. Parten was responsible for managing all site activities, evaluation of data, reporting, and communication with state officials.

Retail Shopping Center – VCP Site

Conducted extensive site investigation activities to evaluate the magnitude and extent of chlorinated solvents identified in the vicinity of a former dry cleaners facility. The chlorinated solvent plume was defined to drinking water standards and was delineated to a creek channel nearly 1,200 feet from the source property. Based on site investigation results, assisted the property owner in entering the site into the VCP, and managed and implemented response actions and treatment of affected media utilizing a combination of source-removal/excavation (750 cubic yards) within the building interiors, hydrogen-releasing compound (HRC®) treatment of backfill, and HRC injection into the underlying soil and groundwater across the site. Treatment technology effectively remediated affected soils and significantly reduced contaminant levels within the on-site source areas. Additional response actions were conducted to reduce on-site groundwater contamination levels through HRC injection at over 250 locations. Monitored natural attenuation and groundwater monitoring was performed for a period of approximately four years. Mr. Parten assisted the client in the establishment of a deed restriction (Municipal Setting Designation) that restricted the use of groundwater on the site. Mr. Parten interacted with City and State officials and prepared and submitted multiple reports documenting site activities, and managed a project budget totaling $1,200,000.

Additional Project Experience

Under the direction and senior technical review by Mr. Parten, final site closure has been obtained for over thirty VCP, Innocent Owner/Operator Program, LUST, and Industrial and Hazardous Waste facilities in multiple states across the United States. Additionally, Mr. Parten has coordinated and managed the removal of dozens of underground storage tank (UST) systems and remediation of contaminated soil and groundwater. Mr. Parten has provided expert testimony on multiple projects, and is a primary point of contact interacting with environmental attorneys and regulatory agencies.

APPENDIX F
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
ACM	Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining). Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
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.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave"). 42 U.S.C. 6901 et seq.
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 either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which 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.

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. *De minimis* conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
Wetlands	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

H-3 County of Riverside Airport Land Use Commission Staff Report / Federal Aviation Administration Aeronautical Study (Two Buildings Option)

COUNTY OF RIVERSIDE
AIRPORT LAND USE COMMISSION

STAFF REPORT

AGENDA ITEM:	3.7
HEARING DATE:	October 11, 2018
CASE NUMBER:	ZAP1274MA17 – Riverside Inland Development, LLC./Hillwood Investment Properties (Representative: Kathy Hoffer)
APPROVING JURISDICTION:	March Joint Powers Authority
JURISDICTION CASE NOS:	General Plan Amendment 16-01, Specific Plan 16-02, Plot Plan 16-02, Parcel Map 16-02 (Tentative Parcel Map No. 37220)

MAJOR ISSUES: Security, drainage, and potential for glare and storage of hazardous materials in close proximity to the military runway are major concerns. The Air Force has requested that these concerns be addressed in the project EIR, which has not yet been released.

RECOMMENDATION: Staff recommends, for reasons stated herein, that the Commission find the proposed General Plan Amendment, to expand the existing "Aviation" land use designation to incorporate general warehousing/logistics uses and the Specific Plan INCONSISTENT with the 2014 March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan. The proposed Tentative Parcel Map and Plot Plan must also be found INCONSISTENT, as these proposals require approval of the general plan amendment and specific plan.

Alternatively, should the Commission find the General Plan Amendment and Specific Plan consistent with the 2014 March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan, both the parcel map and plot plan would also be found consistent.

PROJECT DESCRIPTION: The applicant proposes to construct two industrial buildings totaling 2,185,618 square feet on 142.5 acres. The applicant also proposes to amend the March Joint Powers Authority General Plan to include general warehousing/logistics uses as allowable land uses on lands designated as "Aviation" (AV), to amend the site's designation from "AV" to "AV (SP-8)", and to update the Building Capacity table in the Land Use Element. Specific Plan No. 16-02 is a proposal for a new Specific Plan (SP-8) that provides goals, policies, programs, land uses, development standards, and design guidelines for development on this site. Tentative Parcel Map No. 37220 proposes to divide the site into two parcels (one for each building).

PROJECT LOCATION: The site is located easterly of Interstate 215, southerly of March Air Force Base Museum and easterly terminus of Van Buren Boulevard, northerly of Nandina Avenue, and

westerly of March Air Reserve Base, within the jurisdiction of the March Joint Powers Authority, approximately 950 feet westerly of Runway 14-32 at March Air Reserve Base.

LAND USE PLAN: 2014 March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan

a. Airport Influence Area: March Air Reserve Base

b. Land Use Policy: Zone B2

c. Noise Levels: 65 – 75 range CNEL from aircraft

BACKGROUND:

General Plan Amendment and Specific Plan: California Public Utilities Code Section 21676 requires that the local jurisdiction refer any amendment of a general plan or specific plan within an Airport Land Use Compatibility Plan to ALUC for review. Therefore, it is within ALUC's purview to review the proposed general plan amendment and specific plan to ensure their long-term compatibility with the current and future operations at March Air Reserve Base.

The site's General Plan land use is currently designated as Aviation, which is described as:

> Aviation (AV) (FAR 0.40)
> Through joint use of the aviation field, the unique opportunity to develop civilian aviation is presented. Land uses under this designation include flightline, hangars, aviation support services, inclusive of fuel systems and dispensing, air cargo storage, passenger and air cargo terminals, fixed based operations, aircraft maintenance and aviation operation services. The maximum FAR for land use in this category is 0.40:1, with an average development intensity of 0.15:1.

The applicant proposes a General Plan Amendment that would amend the Aviation designation to include a Specific Plan Overlay that would allow for general warehousing/logistics uses on lands designated as "Aviation" by changing the second sentence to read as follows (shown in underlined text below):

> Land uses under this designation include flightline, hangars, aviation support services, inclusive of fuel systems and dispensing, air cargo storage, passenger and air cargo terminals, fixed based operations, aircraft maintenance and aviation operation services as well as general warehousing/logistics uses.

Additionally, the proposed General Plan Amendment 16-01 would amend the site's designation from "AV" to "AV (SP-8)" and update the Building Capacity table in the Land Use Element.

At a macro-level, there are some concerns regarding the inclusion of general warehousing and logistics as allowable uses within the Aviation General Plan designation, essentially allowing for these uses to be located in close proximity to the runway. (The runway is approximately 1,003 feet from the project boundary and 1,383 feet from the proposed building.)

The designation of this site as "Aviation" on the March Joint Powers Authority's General Plan pre-dates the 2010 Joint Land Use Study and was expected to be maintained in the long term at the time that the 2014 March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan was adopted. The proposed change to the Aviation designation to incorporate warehousing/logistics uses alters a foundational assumption in the design of Compatibility Zone B2.

One of the key project objectives of the proposed Specific Plan (#2.1.1) is to "facilitate the development of underutilized land currently planned for aviation-related uses that maximize the use of the site and responds to market demand within the VIP 215 Specific Plan area and surrounding region for a large format logistics center." The proposed amendment raises unique concerns because the project site adjoins the west side of the primary runway at March Air Reserve Base. There are many other locations in Compatibility Zone B2 that would be available for a large format logistics center and would have less potential impact on the long-term viability of the Base.

While there is no question as to the integrity of the project applicant's team, the presence of non-aviation/nonmilitary uses in large buildings in close proximity to the runway could impact the security of the Base. Hazardous materials (and other nefarious items) could potentially be stored within these buildings with little or no supervision from any governmental authority. However, if the project was granted taxiway access to the airport/Base and the buildings depicted on the official Airport Layout Plan, the operations therein could be inspected by Base staff.

The new Specific Plan provides a list of permitted uses:

- 3.2.2 Ancillary Uses. An ancillary use is a permitted use which is subordinate to the primary permitted use. The following are uses which are permitted within the Specific Plan area as ancillary uses in support of and subordinate to the primary permitted uses.
    a) Cellular transition facilities and structures.
    b) Offices, including corporate, subsidiary and regional management offices.
    c) Maintenance facilities (internal) associated with a permitted use.
    d) Showrooms and retail uses not to exceed 5% of the gross building area.
    e) Outdoor vehicle, equipment and container storage ancillary to an approved use accommodated within an approved building (outdoor storage shall be screened when facing the public right-of-way).
    f) Short-term construction yards.
    g) Public utility uses and structures.
    h) Employee support uses including cafeteria/café and training facilities as an ancillary use.
    i) Uses determined by the Planning Director to be similar and not more intensive than

other allowed ancillary uses.

- 3.2.3 Conditional Uses subject to further Environmental Review.
  a) Aviation Related Facilities
  b) Facilities incorporating greater than 5% total building area in showroom/retail space.
  c) Cold storage facilities larger than 10,000 square feet incorporating ammonia refrigeration or other refrigerants which are combustible or toxic.

None of these uses are prohibited within Compatibility Zone B2. However, the following uses could potentially accommodate levels of human occupancy that would exceed the maximum permissible average (100) and single acre (250) intensities for Compatibility Zone B2.

- 3.2.2 d) showrooms and retail uses not to exceed 5% of the gross building area;
- 3.2.2 h) employee support uses including cafeteria/café and training facilities; and
- 3.2.3 b) facilities incorporating greater than 5% total building area in showroom/retail space.

The proposed plot plan does not include any uses other than offices and manufacturing. The project has been conditioned that if more intense uses are proposed (such as a showroom, retail, training facilities, or dining areas), that project would have to be submitted to ALUC for review.

Non-Residential Average Land Use Intensity: Pursuant to the Airport Land Use Compatibility Plan for the March Air Reserve Base/Inland Port Airport, the site is located within Compatibility Zone B2, which limits average intensity to 100 people per acre.

Pursuant to Appendix C, Table C-1, of the Riverside County Airport Land Use Compatibility Plan, the following rates were used to calculate the occupancy for the proposed buildings in Compatibility Zone B2:

- Office – 1 person per 200 square feet (with 50% reduction)
- Manufacturing – 1 person per 200 square feet

The project proposes two industrial buildings totaling 2,185,618 square feet, which includes 40,000 square feet of office area and 2,145,618 square feet of manufacturing area, potentially accommodating an occupancy of 10,928 people, which would result in an average intensity of 77 people, which would be consistent with the Compatibility Zone B2 criterion of 100.

Considering average intensity on a lot-by-lot basis (based on the applicant's proposed parcel lines as indicated on the site plan and parcel map):

- Building 1 lot (64.87 acres) consisting of 15,000 square feet of office area and 999,822 square feet of manufacturing area would accommodate 5,074 people, resulting in an average intensity of 74 people per acre,
- Building 2 lot (77.59 acres) consisting of 25,000 square feet of office area and 1,145,796 square feet of manufacturing area would accommodate 5,854 people, resulting in an average

intensity of 75 people per acre.

Both lots are consistent with the Compatibility Zone B2 average criterion of 100.

A second method for determining total occupancy involves multiplying the number of parking spaces provided or required (whichever is greater) by average vehicle occupancy (assumed to be 1.5 persons per vehicle and 1.0 persons per truck trailer parking in the absence of more precise data). Based on the 895 parking stalls and 945 truck trailer stalls provided, the total occupancy would be estimated to be 2,288 people. The resulting average intensity of 16 people per acre is consistent with the Compatibility Zone B2 average criterion of 100.

Non-Residential Single-Acre Land Use Intensity: Compatibility Zone B2 limits maximum single-acre intensity to 250 people. There are no risk-reduction design bonuses available, as March Air Reserve Base/Inland Port Airport is primarily utilized by large aircraft weighing more than 12,500 pounds.

Based on the site plan provided and the occupancies as previously noted, the maximum single-acre area would be located in either building and consist of 15,000 square feet of office area and 28,560 square feet of manufacturing area, accommodating 218 people, which is consistent with the Compatibility Zone B2 single acre criterion of 250.

March Air Reserve Base/United States Air Force Input:
The MARB staff previously reviewed the project and provided a comment letter dated September 27, 2016, which identified several issues including security, drainage, glare, and safety.

ALUC staff prepared a comment letter dated August 23, 2018, requesting that the applicant address the comments provided by MARB staff, as well as an additional comment from ALUC staff regarding the site's capability to be used as an aviation land use.

The applicant provided a response to comment letter dated September 14, 2018, which addresses the comments raised by MARB and ALUC staff (most items are addressed in the proposed Specific Plan and design drawings), specifically:

1. Security. Cameras be facing away from the runway and must not record airfield operations. At the request of the MARB staff, a chain link fence with barbed wire shall be installed on the easterly perimeter to allow for ease of viewing activities of the project tenants. The project will not impede the MARB's mission to carry out Anti-Terrorism/Force Protection procedures or maneuvers. The applicant has agreed (in general) to incorporate within the tenant lease agreement specific language that will allow MARB and/or U.S. Air Force Security forces to access the property during an imminent threat, while providing reasonable notice to the tenant absent an imminent threat.
2. Drainage. The applicant has had multiple meetings and correspondences with MARB and March Joint Powers Authority staff regarding the project's proposed drainage solution. A

detailed analysis of the offsite drainage was prepared by the applicant's engineer which identified that downstream floodplain impacts are anticipated to be less than historical flow and existing condition due to the improvements proposed by the project.

3. Glare. The proposed Specific Plan indicates that materials shall be of a non-reflective material and that highly reflective materials facing the runway or aircraft flight path are prohibited. The applicant has indicated that no rooftop solar panels are proposed.
4. Safety. The proposed Specific Plan prohibits hazardous materials such as above ground petroleum storage containers and below ground storage containers in excess of 10,000 gallons. The project does not propose any hazardous materials at this time.
5. Aviation Land Use Designation Capability. The applicant has indicated that the project will not obstruct future aviation use or the right to obtain taxiway access to the runway from the project site.

Given that the project site is located in Zone B2 westerly of the runway at March Air Reserve Base (MARB), the MARB staff was notified that the project it had commented on two years ago was back on the calendar and the updated project package of plans was sent for their review. MARB staff provided a comment letter dated September 17, 2018, renewed the concerns referenced in their previous comments letter dated September 27, 2016. It also added: the intention of the MARB staff to continue to "monitor and make appropriate responses as it progresses through" the CEQA processes, urged that stormwater systems "not negatively impact the installation or operations", requested additional mitigation measures, looking forward to notice of future hearing and "being involved as the application progresses through the MJPA".

The issues identified in the Air Force comment letter, the ALUC comment letter, and the applicant's response letter are discussed in the following table.

Issues	Air Force	ALUC	Applicant
Security	Cameras shall not face or record any actions or portion of the base operations. Perimeter fencing shall be constructed out of block.	In addition to the Air Force comment regarding security, ALUC staff raised the concern of the project's size and proximity to the runway with regards to the Base's Anti-Terrorism Force Protection and their ability to carry out its mission of protecting the base. Specifically, since the project expands the use of the site to include non-aviation use, ALUC staff is concerned with the ability of Base security personnel to immediately respond to a threat at the project	No cameras will be oriented towards the runway and cameras will not record base operations. Fencing along the project-airport boundary shall be minimum 8 feet in height with three strands of barbed wire, and shall be of a durable material subject to the MJPA and Base review. This type of fencing was requested by the Base Security Forces. The project will not impede Base's mission to carry out Anti-Terrorism Force Protection procedures. The applicant will work with their legal counsel to craft the appropriate commercially reasonable language for lease agreements regarding Base security

		facility. Therefore it is recommended that the master lease and sublease include provisions that enable Base security personnel to respond immediately to what they perceive as a possible risk at the project facility. Recommended condition is included that states "The U.S. Air Force has the right and authority, in its sole discretion, to inspect the premises without prior notice for the security of its operations and personnel".	forces to access the property during an imminent threat (same access as provided to law enforcement and emergency response teams) while providing reasonable notice to tenants absent an imminent threat. No language has been provided yet.
Drainage	Rising groundwater table at the base is an on-going concern, specifically, the ability of a project to drain water detention basins within 48 hours. Base staff shall review basin design. These basins shall address Bird Wildlife Aircraft Strike Hazard concerns.	In addition to the Air Force comment regarding drainage, ALUC staff supports the Base's request to review all drainage plans prior to approval.	The proposed Specific Plan identifies how the project will address storm water drainage to be consistent with NPDES and WQMP requirements. The applicant has met with MJPA and Base staff in discussing proposed drainage solutions. Applicant's drainage studies indicates the downstream floodplain limits are less (than historical flow and current condition) due to the project's improvements. No drainage solution has been agreed upon yet (however, this will most likely occur during the Base's review of the project's EIR).
Glare	Solar panels or any reflective materials on	In addition to the Air Force comment regarding glare, ALUC staff notes that the project does not propose solar	The proposed Specific Plan indicates that materials shall be of a non-reflective material, and that highly reflective materials on elevations facing the

	the rooftop are prohibited. Construction material shall be non-reflective including outside ductwork, windows, and roofs.	panels at this time. Any future solar panels could potentially result in significant glare impacts, and therefore, a solar glare hazard analysis would be required to analyze the impacts. In the event of any reasonable complaint about glare related to aircraft operations, the applicant shall agree to such specific mitigation measures as determined or requested by MARB.	runway or aircraft approach path are prohibited. Solar panels are prohibited.
Safety	No hazardous materials shall be stored within the facility.	No additional comments to the Air Force Comment regarding safety.	The proposed Specific Plan prohibits above ground petroleum storage containers and below ground storage containers in excess of 10,000 gallons.
Aviation Land Use	Not identified.	The project expands the permissible use of the property from aviation only to include non-aviation uses. The applicant shall agree to conditions being placed on the project that will preserve the ability for subsequent aviation use and to construct taxiways and access to the runways. Recommended condition is included that states "the project shall not pre-empt future opportunities for the extension of taxiway access to the runway from the site".	The proposed Specific Plan identifies the site as un-zoned. The establishment of the Specific Plan will provide a designation on the MJPA zoning map with an underlying Aviation Designation. Under the proposed Specific Plan, light manufacturing and assembly uses including aviation related manufacturing is a permitted use. One of the key project objectives identified in the proposed Specific Plan is to "facilitate the development of underutilized land currently planned for aviation-related uses that maximize the use of the site and responds to market demand within the Specific Plan area and surrounding region for a large format logistics center." The project will not obstruct future avigation use or the right to obtain taxiway access to the runway from the project.

It should be noted that the above issues will be considered, among others, in the upcoming Joint Land Use Study (JLUS) requested by the Air Force and supported by the March JPA and other local jurisdictions. (Air Force letter dated June 1, 2018, included in this staff report package.)

Due to the project's size and close proximity to the runway, it could potentially impact the JLUS review process or ability to implement its conclusions. As an example, the JLUS will look at increased glare from passive reflective roof surfaces, such as the two million square feet of roof surface on this proposed project.

Prohibited and Discouraged Uses: The applicant does not propose any uses prohibited or discouraged in Compatibility Zone B2.

Noise: The March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan depicts the site as being in an area within the 65-75 CNEL range from aircraft noise. As a primarily industrial use not sensitive to noise (and considering typical anticipated building construction noise attenuation of approximately 20 dBA), the warehouse area would not require special measures to mitigate aircraft-generated noise. However, a condition is included to provide for adequate noise attenuation within office areas of the buildings.

Part 77: The elevation of Runway 14-32 at its southerly terminus is 1,488 feet above mean sea level (1,488 feet AMSL). At a distance of approximately 950 feet from the runway to the closest parcel within the site, Federal Aviation Administration (FAA) review would be required for any structures with top of roof exceeding 1,497.5 feet AMSL. The site is approximately 1,508 feet AMSL. With a maximum building height of 48 feet, the top point elevation would be 1,556 feet AMSL. Therefore, review of buildings by the FAA Obstruction Evaluation Service was required. Submittal to the FAAOES was made and Aeronautical Study Numbers 2016-AWP-12028 thru 12036-OE were assigned. "Determination of No Hazard to Air Navigation" letters were issued by the FAAOES dated January 26, 2017, and the studies revealed that the project's structures would not exceed obstruction standards and would not be a hazard to air navigation provided conditions are met. These FAAOES conditions will be incorporated into the project's conditions. Extensions of time have been granted for each of these determinations.

Open Area: None of the Compatibility Zones for the March Air Reserve Base/Inland Port ALUCP require open area specifically.

CONDITIONS (if the project is found consistent):

1. Any outdoor lighting installed shall be hooded or shielded so as to prevent either the spillage of lumens or reflection into the sky. Outdoor lighting shall be downward facing.

2. The following uses/activities are not included in the proposed project and shall be prohibited at this site:

   (a) Any use which would direct a steady light or flashing light of red, white, green, or amber colors associated with airport operations toward an aircraft engaged in an initial straight climb following takeoff or toward an aircraft engaged in a straight final approach toward a landing at an airport, other than an FAA-approved navigational signal light or visual approach slope indicator.

   (b) Any use which would cause sunlight to be reflected towards an aircraft engaged in an initial straight climb following takeoff or towards an aircraft engaged in a straight final approach towards a landing at an airport.

   (c) Any use which would generate smoke or water vapor or which would attract large concentrations of birds, or which may otherwise affect safe air navigation within the area. (Such uses include landscaping utilizing water features, aquaculture, production of cereal grains, sunflower, and row crops, composting operations, trash transfer stations that are open on one or more sides, recycling centers containing putrescible wastes, construction and demolition debris facilities, fly ash disposal, and incinerators.)

   (d) Any use which would generate electrical interference that may be detrimental to the operation of aircraft and/or aircraft instrumentation.

   (e) Children's schools, day care centers, libraries, hospitals, skilled nursing and care facilities, congregate care facilities, hotels/motels, restaurants, places of assembly (including churches and theaters), buildings with more than 3 aboveground habitable floors, noise sensitive outdoor nonresidential uses, critical community infrastructure facilities and hazards to flight.

3. Prior to issuance of any building permits, the landowner shall convey and have recorded an avigation easement to the March Inland Port Airport Authority. Contact March Joint Powers Authority at (951) 656-7000 for additional information.

4. The attached notice shall be provided to all prospective purchasers of the property and tenants or lessees of the building.

5. The proposed detention basins on the site (including water quality management basins) shall be designed so as to provide for a maximum 48-hour detention period following the conclusion of the storm event for the design storm (may be less, but not more), and to remain totally dry between rainfalls. Vegetation in and around the detention basins that would provide food or cover for bird species that would be incompatible with airport operations shall not be utilized in project landscaping. Trees shall be spaced to avoid creation of a continuous canopy. Landscaping in and around the detention basin shall not include vegetation that produces seeds, fruits, or berries.

6. March Air Reserve Base personnel must be transmitted for their review and approval details of the storm water conveyance system and landscaping plans.

7. March Air Reserve Base must be notified of any land use having an electromagnetic radiation component to assess whether a potential conflict with Air Base radio communications could result. Sources of electromagnetic radiation include radio wave transmission in conjunction with remote equipment inclusive of irrigation controllers, access gates, etc.

8. This project has been evaluated for 40,000 square feet of office area and 2,145,618 square feet of manufacturing area. Any proposals for showrooms, retail trade, and/or employee support uses such as cafeterias, training facilities, exercise rooms, or conference rooms, or any changes to the interior floor layout plan shall require subsequent review by the Airport Land Use Commission. In addition, this project shall not store, process or manufacture hazardous materials without review and approval by the Airport Land Use Commission.

9. Noise attenuation measures shall be incorporated into the design of the office areas of the proposed buildings, to the extent such measures are necessary to ensure that interior noise levels from aircraft operations are at or below 45 CNEL.

10. The project does not propose rooftop solar panels at this time. However, if the project were to propose solar rooftop panels in the future, the applicant/developer shall prepare a solar glare study that analyzes glare impacts, and this study shall be reviewed by the Airport Land Use Commission and March Air Reserve Base. In the event of any reasonable complaint about glare related to aircraft operations, the applicant shall agree to such specific mitigation measures as determined or requested by MARB.

11. The lease between the March Joint Powers Authority and the applicant (or any future tenants) shall include that the U.S. Air Force has the right and authority to inspect the premises without prior notice as needed for security of its operations and personnel in its sole discretion.

12. The project shall not pre-empt future opportunities for the extension of taxiway access to the runway from the site.

13. Any roof-top equipment or change in height that exceeds a total height of 48 feet will require Form 7460-1 submittal, review, and issuance of a "Determination of No Hazard to Air Navigation" by the Federal Aviation Administration Obstruction Evaluation Service.

14. The Federal Aviation Administration has conducted aeronautical studies of the proposed project (Aeronautical Study Nos. 2016-AWP-12028 thru 12036-OE) and has determined that the northeast and southeast corners of both buildings shall be lighted in accordance with FAA Advisory circular 70/7460-1 L Change 1, Obstruction Marking and Lighting, red lights – Chapter 4, 5 (Red), and 12.

15. Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as normal operation is restored, notify the same number.

16. The proposed structures shall not exceed a height of 48 feet above ground level. The maximum elevation at top point (including all roof-mounted equipment, if any) shall not exceed 1556 feet above mean sea level (AMSL) for Building 2 southeast and southwest corners, 1564 feet AMSL for Building 2 northeast and northwest corners, 1563 feet AMSL for Building 1 southeast and southwest corners, and 1571 feet AMSL for Building 1 northwest and northeast corners.

17. The maximum height and top point elevations specified above shall not be amended without further review by the Airport Land Use Commission and the Federal Aviation Administration; provided, however, that reduction in structure height or elevation shall not require further review by the Airport Land Use Commission.

18. Temporary construction equipment used during actual construction of the structures shall not exceed 48 feet in height and a maximum elevation of 1571 feet above mean sea level, unless separate notice is provided to the Federal Aviation Administration through the Form 7460-1 process.

19. Within five (5) days after construction reaches its greatest height, FAA Form 7460-2 (Part II), Notice of Actual Construction or Alteration, shall be completed by the project proponent or his/her designee and e-filed with the Federal Aviation Administration. (Go to https://oeaaa.faa.gov for instructions.) This requirement is also applicable in the event the project is abandoned or a decision is made not to construct the structure.

AIRPORT LAND USE COMMISSION
RIVERSIDE COUNTY

August 23, 2018

Mr. Jeffrey Smith, Senior Planner
March Joint Powers Authority
14205 Meridian Parkway, Suite 140
Riverside CA 92518

RE: AIRPORT LAND USE COMMISSION (ALUC) DEVELOPMENT REVIEW COMMENTS: VETERANS INDUSTRIAL PROJECT (VIP 215)

File No.: ZAP1274MA17
Related File No.: General Plan Amendment 16-01, Specific Plan 16-02, Plot Plan, 16-02, Parcel Map 16-02 (Tentative Parcel Map No. 37220)

Dear Mr. Smith:

The Airport Land Use Commission (ALUC) staff has initially reviewed the March Joint Powers Authority case; Veterans Industrial Project 215 (known as the project), a proposal to construct two industrial buildings totaling 2,185,618 square feet on 142.5 acres, and amending the General Plan to allow for a "Specific Plan" overlay land use designation; a new Specific Plan document that provides goals, policies, programs, land uses, development standards, design guidelines and a tentative parcel map to create two legal parcels (one for each building).

The purpose of the ALUC is to protect people from airports and airports from people. The proposed project raises unique concerns because it is located adjoining the west side of the MARB primary runway. ALUC staff has identified several concerns regarding the project many of which are also outlined in the March Air Reserve Base letter dated September 27, 2016

Staff understands that the applicant and MARB have cooperated to address the MARB concerns. The purpose of this letter is to confirm they are satisfied with the agreed upon measures and identify additional concerns of the ALUC staff. One way of doing this would be to provide the ALUC staff with correspondence resolving the issues which could be referenced in the staff report to the ALUC. The issues are as follows (Base comments in Red):

1. Security.
    a. Cameras not facing or recording any actions of Base operations. Require perimeter block wall to eliminate lighting and security concerns.
    b. Anti-Terrorism/Force Protection and the ability of the base to carry on its mission are a significant concern for ALUC at MARB.
    c. Specifically, since the proposed project expands the use of the property to include non-aviation use, the ALUC is concerned about the ability of the MARB security personnel to immediately respond if there is a threat to the base. The master lease and subleases should include a provision that enables MARB security forces to respond immediately to what they perceive as a possible risk at the project

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Barbara Santos

County Administrative Center
4080 Lemon St., 14th Floor
Riverside, CA 92501
(951) 955-5132

www.rcaluc.org

facility. A condition will be included to allow MARB security to access the property and buildings. The specific language of the condition and provision should be commented on by the applicant and MARB security e.g. "The U.S. Air Force has the right and authority, in its sole discretion, to inspect the premises without prior notice for the security of its operations and personnel".

2. Drainage.
    a. Property is located in an area with rising groundwater table and MARB has concerns with the project draining the water detention basins within 48 hours.
    b. Base is requesting basins be oversized or covered in design to address future concerns. The MARB has also requested the project no rely on the degraded natural channels for storm water discharge. Rather "this development be connected to a larger regional storm water effort to route storm water around MARB completely. (Emphasis added.)
    c. The applicant shall provide correspondence with the MARB on how these issues have been resolved. The project will be conditioned with these mitigation measures.

3. Glare.
    a. All construction materials be of non-reflective material including outside ductwork, windows and roofs.
    b. The project shall not create: distracting lights, sources of dust, steam or smoke, or electrical interference with aircraft communications or navigation.
    c. Solar panels or any reflective materials on rooftop are prohibited.
    d. In the event of any reasonable complaint about glare related to aircraft operations, the applicant shall agree to such specific mitigation measures as determined or requested by MARB.

4. Safety.
    a. No hazardous materials stored within the facility.

5. Aviation Land Use Capability and Designation.
    a. The project expands the permissible use of the property from aviation only to include non-aviation uses. The applicant shall agree to conditions being placed on the project that will preserve the ability for subsequent aviation use and to construct taxiways and access to the runways, e.g. "That no lease, approval, or entitlement will obstruct the future aviation use and right to obtain taxiway access to the runway from the property".

These concerns and others will be addressed in the contemplated Joint Land Use Study (JLUS). It may be best to delay pursuing this particular project, which adjoins the primary runway, until that JLUS can be completed.

Alternatively, the applicant and MARB are requested to comment on and address all these issues raised by ALUC and MARB before the ALUC public hearing. It appears the applicant has addressed several of these concerns. ALUC's staff needs to confirm that MARB is satisfied with the mitigation measures. If not, what additional measures are necessary?

If you have any questions, please feel free to contact me at (760) 328-7995, or Paul Rull, ALUC Urban Regional Planner IV, at (951) 955-6893.

Sincerely,
RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION

Simon A. Housman, Director

Attachments: March Air Reserve Base comment letter dated 9/27/16

cc: Kathy Hoffer, Hillwood
Gary Gosliga, Airport Manager, March Inland Port Airport Authority
Sean P. Feeley, Base Civil Engineer, March Air Reserve Base
Daniel Rockholt, March Air Reserve Base
ALUC Case File

Y:\AIRPORT CASE FILES\March\ZAP1274MA17\ALUC comment ltr 8-20-18.doc

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND

17 September 2018

MEMORANDUM FOR RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION
ATTN: PAUL RULL, URBAN REGIONAL PLANNER IV
COUNTY ADMINISTRATIVE CENTER
4080 LEMON STREET, 14TH FLOOR
RIVERSIDE CA 92501

FROM: 452d Mission Support Group/Civil Engineers
Base Operating Support
610 Meyer Drive, Bldg. 2403
March ARB CA 92518-2166

SUBJECT: VIP 215, ZAP1274MA17 (Related MJPA applications GPA16-01; SP16-02; PP16-02; PM16-02/TPM No. 37220)

1. March Air Reserve Base (MARB) personnel have reviewed the proposal to construct two industrial buildings totaling 2,185,618 square feet on 142.5 acres, and amending the MJPA General Plan to allow for a Specific Plan overlay land use designation and associated entitlements, and offer the following comments:

2. MARB personnel provided March Joint Powers Authority (MJPA) personnel a letter in response to their Notice of Preparation for an Environmental Impact Report (EIR) for the subject project on September 27, 2016 (attached for reference). Please refer to that letter as our comments for this project application.

3. MARB personnel understands that this project will continue through the MJPA review and entitlement process, and that a Draft EIR will be circulated for review in the coming months. We will continue to monitor the project and make appropriate responses as it progresses through the California Environmental Quality (CEQA) and land use processes.

4. Additionally, mention of proper design of stormwater management systems and landscaping was included in our September 27, 2016 letter. However we would like to emphasize particular attention be made towards the design on drainage and detention basins for the project, and that such designs do not negatively impact the installation or operations. MARB personnel requests that details of the stormwater conveyance system and landscaping plans be reviewed and approved when those become available.

7. MARB personnel's position is the development is compatible with guidance found in AFI 32-7063, dated 18 December 2015, titled Air Installations Compatible Use Zones Program. The

following are some mitigation steps that could and should be implemented, and it would be our desire that all such steps are researched and implemented.

- BMPs should not introduce hazards related to birdstrikes.
- Properly drain stormwater detention basins within 48 hours.
- Noise level hazards should be mitigated.

8. We look forward to receiving notification of the final site plans, public hearing notices and public hearing minutes, and being involved as the application progresses through the MJPA entitlement process.

9. Thank you for the opportunity to review and comment on this proposed development. If you have questions, please contact Mr. Daniel "Rock" Rockholt at (951) 655-2236.

FEELEY.SEAN.P.1299771640 Digitally signed by FEELEY.SEAN.P.1299771640 Date: 2018.09.17 13:15:19 -07'00'

SEAN P. FEELEY
Base Civil Engineer

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND

27 September 2016

MEMORANDUM FOR MARCH JOINT POWERS AUTHORITY
ATTN: JEFFREY SMITH, SENIOR PLANNER
14205 MERIDIAN PARKWAY, SUITE 140
RIVERSIDE, CA 92518

FROM: 452d Mission Support Group/Civil Engineers
Base Operating Support
610 Meyer Drive, Bldg. 2403
March ARB CA 92518-2166

SUBJECT: Veterans Industrial Park 215 (VIP 215), Project Draft Environmental Impact Report (EIR), The Assessor Parcel Numbers (APNs) are: 294-150-009, 294-170-005, 295-300-008, and 294-180-038

1. The March Air Reserve Base (MARB) review of the proposal to establish two warehouse facilities on 142.5 acres located directly southeast of the Interstate 215 Freeway off-ramp at Van Buren Boulevard, south of the March Field Air Museum, and west of March Air Reserve Base airport runway, is provided in this memorandum.

2. The parcel also known as Hillwood D2. This property is not located within any of the MARB Accident Potential Zones or Clear Zone for Runway 14-32. While the proposed use may be consistent with the Riverside County Airport Land Use Compatibility Plan (RCALUC) zoning and land use guidelines, the proposed project presents a concern due to the location being directly along the west side of the MARB primary runway. Buildings in this area should not be used for high-density functions since the objective of the land use guidelines in and around APZ's is to restrict people-intensive uses due to a greater risk of aircraft incident in these areas. There are restrictions on land uses and heights of natural objects and man-made objects in the vicinity of air installations that may obstruct the airspace, attract birds, cause electromagnetic or thermal interference, or produce dust, steam, smoke, or light emissions to provide for safety of flight and the public welfare.

3. Due to the proximity of MARB, we request that any cameras are not facing or recording any actions or portion of the base/airfield operations and perimeter fencing of the facility be constructed of block walls to help eliminate lighting and security concerns.

4. The parcel is partially located within the Perris North sub-basin, the same groundwater sub-basin as MARB. The rising groundwater table at MARB is an ongoing concern and solutions are being sought by both MARB and the State of California. MARB has concerns with the rising groundwater and the ability to properly drain the water detention basins within 48 hours. Given the depth of current ground water we are concerned that proposed basins may fill with ground water, depending on the depth, and pumping ground water into storm water systems is not permitted. In the event that the basins no longer drain as originally designed, MARB is requesting the water detention basins be oversized to address future concerns or be placed underground or covered. Prior to issuance of formal approval, MARB requests to see specific designs of basins and if uncovered, calculations that show sufficient additional capacity if rock is added later.

5. A properly designed storm water management system and landscaping must address Bird/Wildlife Aircraft Strike Hazard (BASH) concerns including proper detention/infiltration of storm water runoff. In addition we are keenly concerned with the proposed runoff intended to discharge through existing degraded natural channels on the base property. We request that this development be connected to a larger regional storm water effort to route storm water around MARB completely. Any new drainage (even at historical levels) onto the base, further degrades our natural infrastructure, increases discharge period and creates potential ponding on the airfield. Further, MARB is concerned with runoff from new development impacting our monitoring requirements and NPDES permit on the south of the base where the storm water exits. The base will want to review details of the storm water conveyance system and the landscaping plan when they become available. Given the proximity to the airfield, trees which will bear mast or grow to an adequate size for roosting should not be planted. Additional information on reducing BASH hazards can be found in AFPAM 91-212, *Bird Wildlife Aircraft Strike Hazard (BASH) Management Techniques*, dated February 1, 2004. We request that March Joint Powers Authority evaluate the storm water detention basin design to mitigate or eliminate any hazards, and jointly approve the design with MARB.

6. The site is located within an area that is exposed to elevated levels of noise from the base's flying operations: reference the AICUZ for MARB for the noise contours for this area. A more recent model can be found within the Land Use Compatibility Plan (LUCP) adopted by the Riverside County Airport Land Use Commission (ALUC) dated November 13, 2014. The document titled, "Background Data: March Air Reserve Base/Inland Port Airport Environs," is an insert to the LUCP. Referencing Exhibit MA-4 from the aforementioned insert, it would appear this project resides within an area that is subject to 75 dB Community Noise Equivalent Level (CNEL). In addition, this site is situated in an area where aircraft flying departures and arrivals from Runway 14/32 will overfly this area at relatively low altitudes. In addition, these aircraft will be at a high power setting generating significant noise contours. As such, the employees of this proposed development would be subject to noise occurrences that may generate complaints to the base and the community leadership. Employees and regularly received public may require protection using noise abatement (noise level reduction) provided in the construction design. Additionally, hearing protection for employees may be required by Occupational Safety and Health Administration (OSHA) or other agencies as it relates to safety and health in a high noise work environment.

7. To help eliminate any potential adverse effects on aircraft operations at MARB, we ask that materials provided in construction be of a non-reflective material such as outside ductwork, windows and roofs by means such as painting or covering. In addition, none of the project improvements shall create:

- Distracting lights which could be mistaken for airport lights
- Sources of dust, steam, or smoke which may impair pilot visibility
- Sources of electronic interference with aircraft communications or navigation

8. The following are some mitigating measures and it is our desire that all such steps be researched and implemented.

- BMPs must be reviewed by the Base and must not introduce hazards related to birdstrikes
- Solar panels or any reflective materials on the rooftop are prohibited
- No hazardous materials should be stored within this facility due to the proximity of the Airfield
- Noise level hazards must be mitigated

9. Thank you for the opportunity to review and comment on this proposed development. If you have questions please contact Ms. Denise Hauser at (951) 655-4862.

SEAN P. FEELEY
Base Civil Engineer

HILLWOOD
A PEROT COMPANY

September 14, 2018

Via Email and overnight Delivery
Mr. Simon A. Housman
Director
Airport Land Use Commission, Riverside County
4080 Lemon Street, 14th Floor
Riverside, CA 92501
shousman@rivco.org

Subject: Airport Land Use Commission Development Review Comments letter dated August 23, 2018, regarding Veterans Industrial Project 215 (VIP 215)

Dear Mr. Housman:

Hillwood, A Perot Company, is partnering with the March Joint Power Authority to develop the 142 acres of land known as the Veterans Industrial Project 215. We are in receipt of your letter of August 23, 2018 and have been asked by RCALUC to respond to your letter.

Most of the items mentioned in your letter are addressed in the Veterans Industrial Park 215 Specific Plan ("VIP 215 Specific Plan") and reflected accordingly in the design drawings submitted to the March Joint Powers Authority. As stated in the VIP 215 Specific Plan, item 2.1.3 - Land Use Compatibility, and item 3.1.9 – March Air Reserve Base Performance Standards:

The Specific Plan Area's location adjacent to the runway area subjects the site to a number of unique conditions which are reflected in the project's development regulations and site design, including:

- ***Height limitations in the 7:1 surface and a building restriction line for structures of over 35 feet;***
- ***Security fencing along the runway property and a clear area beyond;***
- ***Limitations on standing water; and***
- ***Limitations on reflective surfaces facing the runway.***

The Veterans Industrial Park 215 project is located in MARB Airport Influence Zone, and all development within the plan shall comply with measures of
1) Avigation Easement;
2) Noise Standard;
3) Retention and Water Quality Basin;
4) Lighting Plan; and
5) Height Restrictions per Federal Aviation Regulations Part 77.

Further, in the VIP 215 Specific Plan, under the General Plan Consistency Table, Land Use Goal 7; Transportation Policy 2.6; Resource Management Policy 9.8 and Safety/Risk Management Goal 7:

> ***The project is designed to incorporate appropriate uses as defined in the Air Installation Compatible Use Zone (AICUZ) Study, Airport Layout Plan, Department of Defense Instructions and Air Force Instructions. The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B occupancy and use restrictions. Security fencing will be provided adjacent to the runway. In addition, no standing water exceeding the airport's criteria will be allowed as part of the project's drainage plan.***

As you can read from the above, the Veterans Industrial Park 215 project has been designed in accordance with MARB concerns and regulations. As requested, please see below responses to your specific questions:

1) Security:

> ***The VIP 215 Specific Plan, item 4.2.5, page 4-5, Security Elements addresses Cameras, Fencing, and Gating, specifically stating the following:***
>
> - ***Cameras:*** ***No cameras may be oriented towards the runway and cameras must not record base airfield operations.***
>
> - ***Fencing:*** ***Along the runway/airport boundary on the Specific Plan area's eastern edge, special security fencing shall be used. Fencing must be minimum eight feet in height with three strands of barded wire. This fencing shall be of a durable material (may be chain link) subject to JPA and March Air Reserve Base review.***
>
> - ***Gating:*** ***Pedestrian and vehicular access gates visible from public areas (i.e., parking lots, streets, sidewalks, etc.) shall be constructed of a durable material, such as tubular steel.***

a) Cameras and Walls:
   i) Addressed – see above.
   ii) Perimeter block wall: On December 2, 2015, MJPA, Hillwood, and MARB Security Forces meet to discuss the security needs of the VIP 215 project. MARB Security Forces requested a chain link fence with barbed wire (in lieu of block wall) be installed on the easterly perimeter to allow for ease of viewing activities of the tenants surrounding the Base. As well, according to March JPA, on July 21, 2016, MARB security forces reiterated that block walls impede their line of site, and request a fence instead; including no cameras facing towards the runway. Addressed – see above.

b) The VIP 215 Project will not impede on MARB's mission to carry out Anti-Terrorism/Force Protection procedures or maneuvers.
c) Hillwood understands the importance of MARB security forces to respond immediately to possible security risks and understands the right of the U.S. Air Force to inspect the premises of the VIP 215 project area. We will work with our legal counsel to craft the appropriate commercially-reasonable language for lease agreements. The language will allow for MARB and/or U.S. Air Force Security Forces to access the property during an imminent threat (same access as provided to law enforcement and emergency response teams), while providing reasonable notice to the tenant(s) absent an imminent threat.

2) Drainage

As stated in the VIP 215 Specific Plan, item 2.3.3, page 2-12, Storm Water Management – Project Drainage:

> ***The site was divided into two parcels/drainage areas with stand-alone drainage facilities, consistent with the two Specific Plan Planning Areas. As noted above, the existing earthen channels will be realigned to the property's eastern edge, and a concrete trapezoidal channel constructed. On-site storm water will be collected, either by surface flow or storm drains, and directed to two bio-retention/detention basins. Each basin is sized to have storage capacity above the water quality treatment volume to detain higher storm events. A pump system will be used to convey water from the basins to the proposed channel. These pumps will regulate the rate of discharge to mimic pre-development flow rates. All drainage facilities are sized for the 100-year storm event. All observable water in both basins will be pumped out within 24 hours of the end of a storm event. This is a betterment from MJPA's standard criteria of 48 hours (and existing conditions). Figure 2-8, Drainage Plan, illustrates the drainage concept for the project.***

Further, as stipulated in the VIP 215 Specific Plan, under General Plan Consistency Table, Land Use Goal 17 states:

> ***The project will comply with the March JPA's NPDES New Development and Redevelopment Guidelines for projects under the March Joint Powers Authority and the Santa Ana Regional Water Quality Control Board Order No. R8-2002-0011. A hydrology study and water quality management plan (WQMP) will be prepared for the project. It is not presumed that project implementation would have a substantial impact on water quality standards or waste discharge requirements. The project will provide for a drainage plan to convey on-site flows to the existing drainage areas downstream of the project. A regional drainage solution is in process to convey off-site flows around the project site to the existing drainage facilities downstream. Any significant impacts to hydrology and water quality will be mitigated through the environmental review process and prior to development.***

a) Addressed – see above.
b) Addressed – see above.

c) MJPA and MARB have had multiple meetings, emails, and conference calls regarding the Project's proposed drainage solution. Most recently, on June 6th, 2018, MARB requested information on volume and flow rates related to ponding and drainage flows on the Airfield. A detailed analysis of offsite drainage was prepared by Albert A Webb Associates engineers. The detailed Technical Memorandum dated July 13, 2018 found the downstream floodplain limits to be less due to the improvements contemplated by the VIP 215 project. Specifically, the Historical flow to MARB is 2,327 cfs; the existing condition is 1,887 cfs; and the proposed with VIP 215 project is 1,767 cfs.

3) Glare

As stated in the VIP 215 Specific Plan, item 4.2.2 page 4-4, Materials and Colors:

- ***Materials shall be of a non-reflective material, including exterior ductwork, windows, and roofs.***
- ***Highly reflective materials on elevations facing the runway or the aircraft approach path are prohibited.***

As stated in the VIP 215 Specific Plan, item 4.2.3 page 4-4, Windows and Doors:

- ***Appropriate treatments consist of functional glass use, a balance of glazing and wall surfaces, with no highly reflective surfaces facing the runway.***
- ***Mirrored or highly reflective glass is no permitted.***

As stated in the VIP 215 Specific Plan, item 4.3.5, page 4-13, Exterior Lighting:

- ***Lighting will utilize high efficiency technologies, dark-sky cutoffs, strategic orientation to avoid spillover into adjacent properties, the adjacent runway, and open space areas, and appropriate shielding or recesses to minimize glare and reflections.***
- ***Exterior lighting should be unobtrusive and not cause glare or spillover into neighboring properties, especially within 100 feet of open space or adjacent runways.***

a) Addressed – see above.
b) Development standards designed per VIP 215 Specific Plan item 1.2 page 1-1, the Air Installation Compatible Use Zone Study for March Air Reserve Base (2108) impacts the VIP 215 Specific Plan; and item 3.1.9 page 3-3 March Air Reserve Base Performance Standards.
c) Addressed in VIP 215 Specific Plan item 3.2.4 h) Prohibited Uses – Solar Panels.
d) Addressed – see above.

4) Safety

As stated in the VIP 215 Specific Plan, item 3.2.4. Prohibited Uses:

d) Above ground Petroleum Storage containers and below ground storage containers in excess of 10,000 gallons.

e) Uses inconsistent with the B2 Airport Land Use Compatibility Zone as identified in the current Airport Land Use Compatibility Plan.

a) Compliant with Zone B2 – see above. VIP 215 project is not located in a Clear Zone.

5) Aviation Land Use Capability and Designation.

As stated in the VIP 215 Specific Plan, item 1.4 Discretionary Items:
The Specific Plan Area is presently un-zoned. The establishment of the Specific Plan for the proposed project will provide for an SP-8 designation on the March JPA Zoning Map with an underlying Aviation Designation.

As stated in the VIP 215 Specific Plan, item 3.2.1 Permitted Uses, Light Manufacturing and Assembly including aviation-related manufacturing is a permitted use. Aviation Related Facilities are listed as a Conditional Use subject to further Environmental Review.

a) Addressed – see above. It is important to note that one of the key Project Objectives listed in the VIP 215 Specific Plan, item 2.1.1, is to "Facilitate the development of underutilized land currently planned for aviation-related uses that maximize the use of the site and responds to market demand within the VIP 215 Specific Plan area and surrounding region for a large format logistics center." The VIP 215 Project will not obstruct future aviation use or the right to obtain taxiway access to the runway from the project property

Thank you for your time and attention to the success of the Veterans Industrial Park 215 project. Should you have any questions, please do not hesitate to contact me directly at (909) 382-0033.

Respectfully,
HILLWOOD

John M. Magness
Senior Vice President

c.c. Jeff Smith, March Joint Powers Authority
Matt Evans, March Joint Powers Authority
Gary Gosliga, March Inland Port Airport Authority
Paul Rull, Riverside County Airport Land Use Commission

DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND

RESERVE

1 June 2018

MEMORANDUM FOR LOCAL GOVERNMENTS IN THE VICINITY OF MARCH ARB

FROM: 452 AMW/CC
2145 Graeber Street, Suite 117
March ARB CA 92518-1667

SUBJECT: Position on Joint Land Use Study by RCALUC

1. March Air Reserve Base (MARB) personnel are supportive of the Riverside County Airport Land Use Commission (RCALUC) pursuing and undertaking a Joint Land Use Study (JLUS).

2. A JLUS is a tool used to analyze impacts by operations of a military installation on local jurisdictions as well as land use impacts to operations on a military installation. It is a cooperative study to help provide a policy framework to support adoption and implementation of compatible development regulations near a military base.

3. Certain land uses and conditions, as well as operations by the United States Air Force (USAF) and Air Force Reserve Command (AFRC) in the vicinity of MARB, should be studied to help safeguard the military mission and protect the health, safety and welfare of the public.

4. Areas of study that are of interest to the USAF and AFRC mission include, but are not limited to: 1.) population densities in the vicinity of MARB; 2.) rising ground water conditions; 3.) storm water and flooding potential caused by development around the installation; 4.) study of clear zones/accident potential zones for Runway 12-30; 5.) landscaping potential to attract wildlife causing flight safety impacts; 6.) increased glare from passive reflective roof surfaces and solar panel/photovoltaic development; and 7.) mitigating land use and traffic impacts within clear zones.

5. The MARB Final Air Installation Compatibility Use Zone Study (AICUZ) was released to the public on February 21, 2018 to all surrounding jurisdictions, to include the Cities of Riverside, Moreno Valley, Perris; County of Riverside; and March Joint Powers Authority. The last time this document was updated was in 2005, which was used in part as the basis of the Riverside County's Airport Land Use Commission's March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan (ALUCP). Any JLUS effort going forward should use the AICUZ as a launching-off point for continued discussion and collaboration, and updating of the ALUCP.

6. Updating the ALUCP without conducting a JLUS could potentially cause key impacts to not be analyzed and studied. It is MARB personnel's desire to have as much cooperation and collaboration with local land use authorities to ensure the health, safety and welfare of the public and USAF members alike, as well as help sustain the military mission.

7. Based on the above-stated conditions we recommend that a JLUS study be conducted prior to the adoption of an updated ALUCP.

BURGER.MATTHEW.J.1139535797 Digitally signed by BURGER.MATTHEW.J.1139535797 Date: 2018.06.13 09:48:06 -07'00'

MATTHEW J BURGER, Col, USAF
Commander

NOTICE OF AIRPORT IN VICINITY

This property is presently located in the vicinity of an airport, within what is known as an airport influence area. For that reason, the property may be subject to some of the annoyances or inconveniences associated with proximity to airport operations (for example: noise, vibration, or odors). Individual sensitivities to those annoyances [can vary from person to person. You may wish to consider what airport annoyances], if any, are associated with the property before you complete your purchase and determine whether they are acceptable to you. Business & Professions Code Section 11010 (b)(13)(A)

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12028-OE

Issued Date: 01/26/2017

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Veterans Industrial Park
Location:	Perris, CA
Latitude:	33-52-40.79N NAD 83
Longitude:	117-15-49.14W
Heights:	1516 feet site elevation (SE)
	48 feet above ground level (AGL)
	1564 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

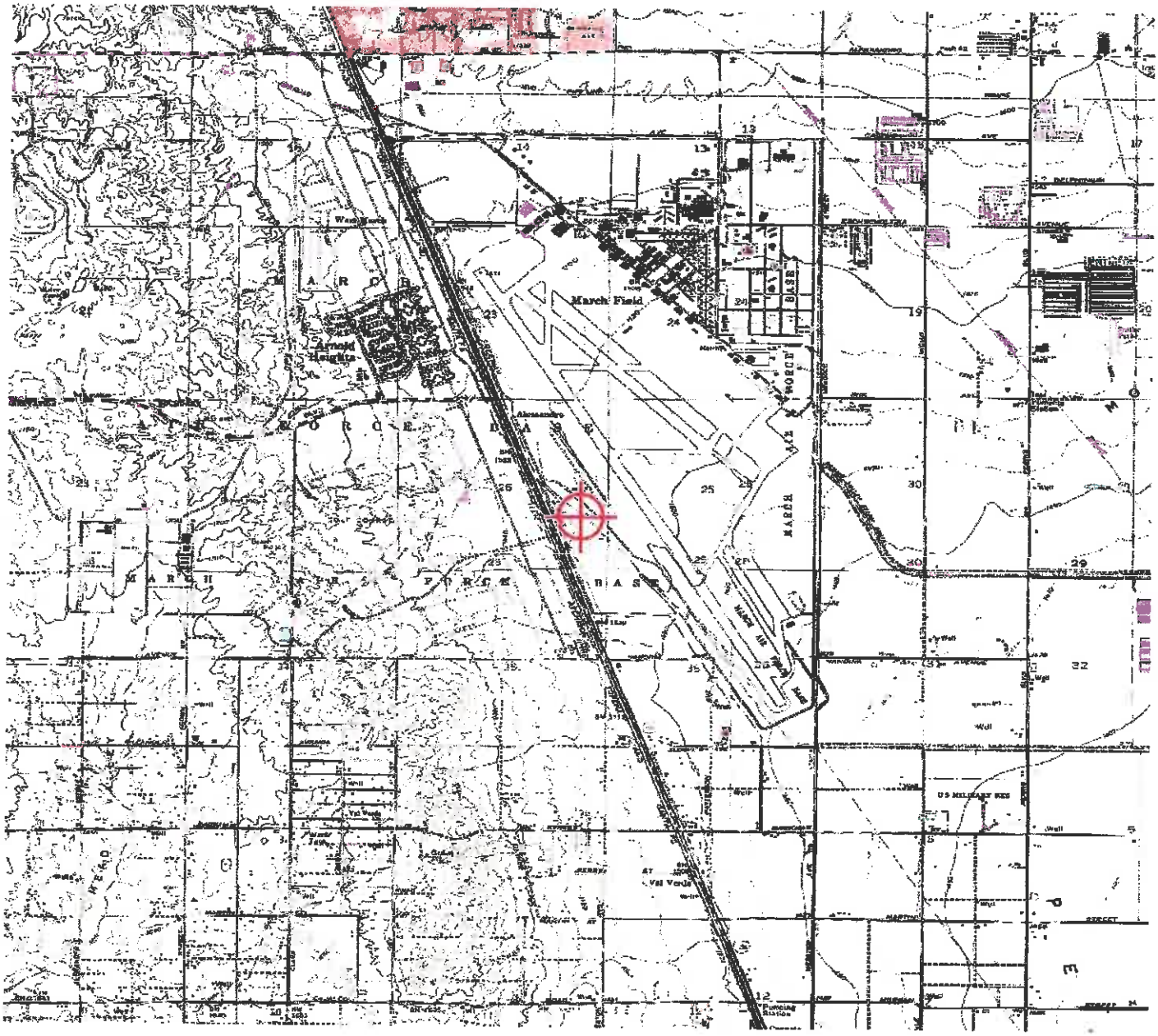
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12028-OE.

Signature Control No: 311816032-320352868 (DNE)
Karen McDonald
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2016-AWP-12028-OE



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12028-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building Veterans Industrial Park
Location:	Perris, CA
Latitude:	33-52-40.79N NAD 83
Longitude:	117-15-49.14W
Heights:	1516 feet site elevation (SE)
	48 feet above ground level (AGL)
	1564 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

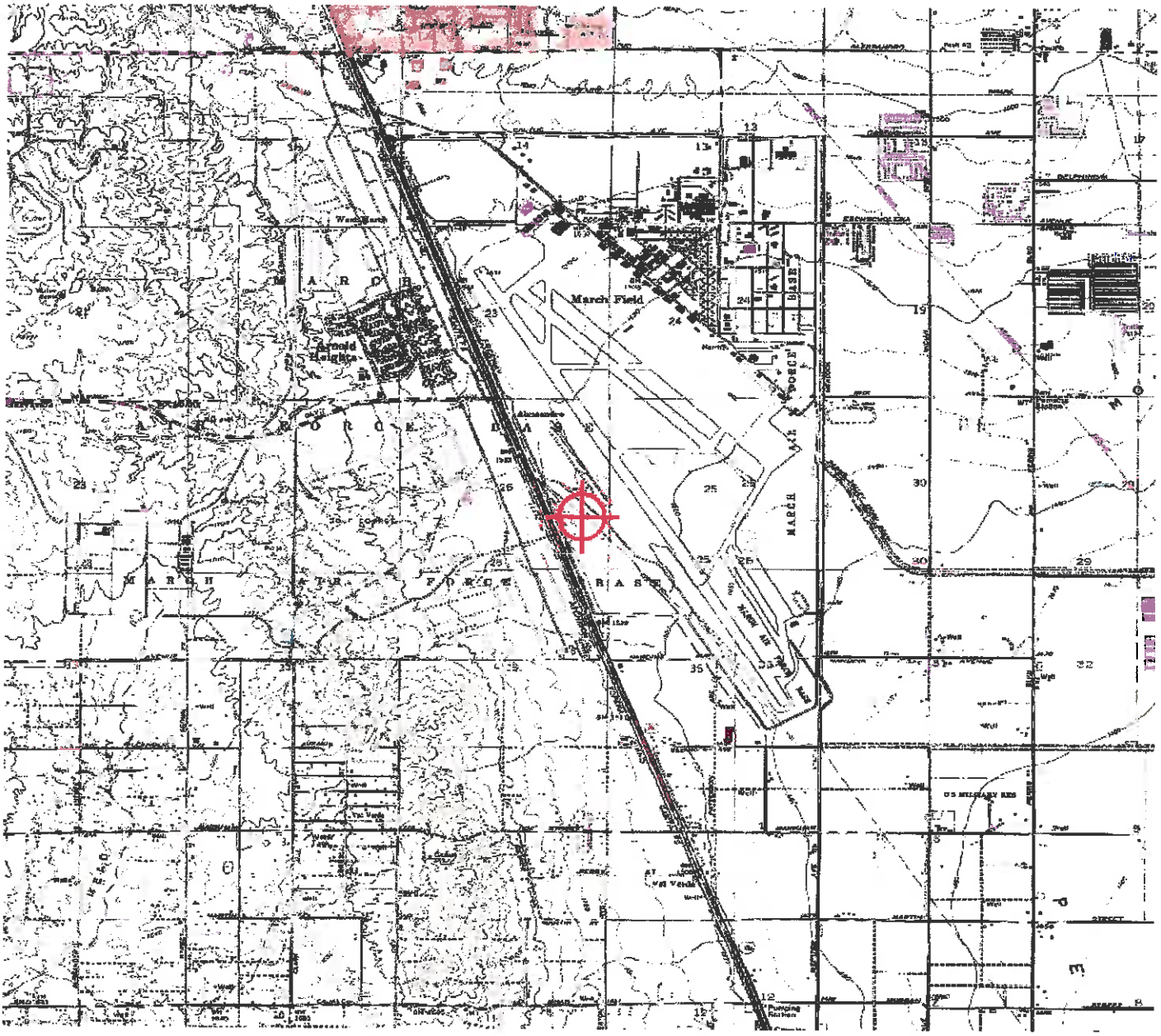
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12028-OE.

Signature Control No: 311816032-382228437 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12028-OE



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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12029-OE

Issued Date: 01/26/2017

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 1 (NW Corner)
Location:	Perris, CA
Latitude:	33-52-43.67N NAD 83
Longitude:	117-15-56.64W
Heights:	1523 feet site elevation (SE)
	48 feet above ground level (AGL)
	1571 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

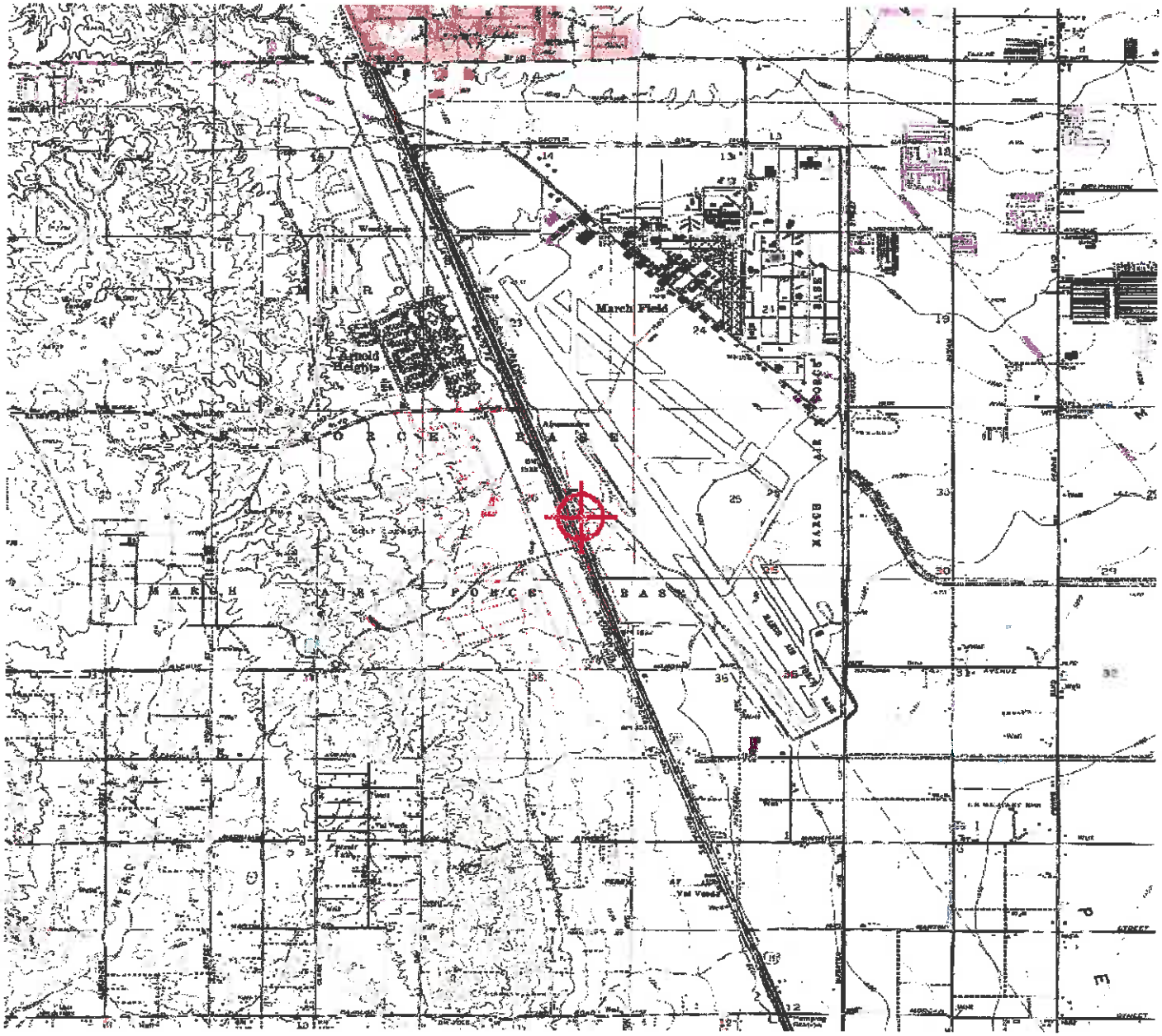
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12029-OE.

Signature Control No: 311816033-320352867 (DNE)
Karen McDonald
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2016-AWP-12029-OE



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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12029-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 1 (NW Corner)
Location:	Perris, CA
Latitude:	33-52-43.67N NAD 83
Longitude:	117-15-56.64W
Heights:	1523 feet site elevation (SE)
	48 feet above ground level (AGL)
	1571 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

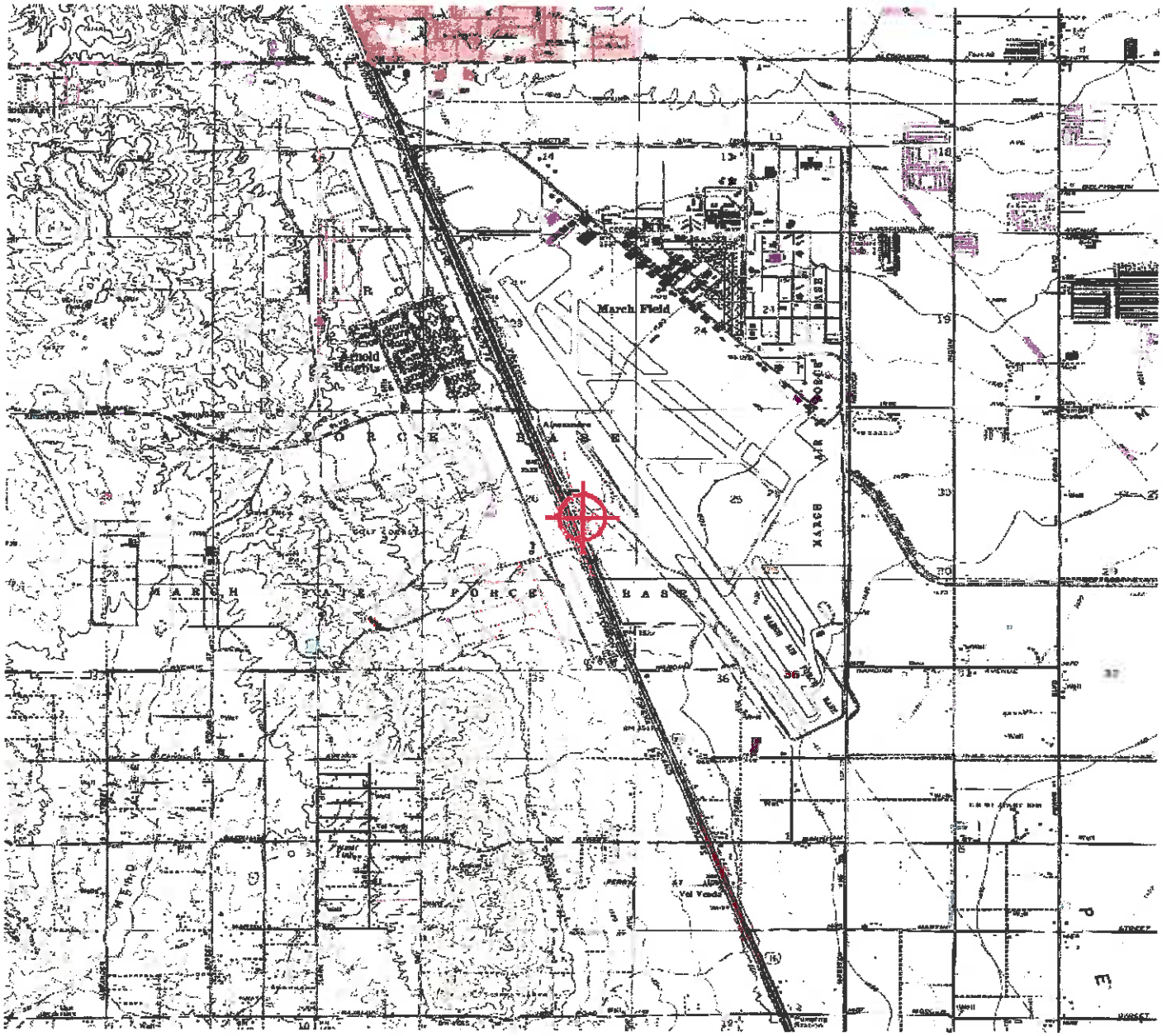
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12029-OE.

Signature Control No: 311816033-382228444 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12029-OE



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Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12030-OE

Issued Date: 01/26/2017

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 1 (NE Corner)
Location:	Perris, CA
Latitude:	33-52-47.08N NAD 83
Longitude:	117-15-50.59W
Heights:	1523 feet site elevation (SE)
	48 feet above ground level (AGL)
	1571 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does exceed obstruction standards but would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 L Change 1, Obstruction Marking and Lighting, red lights - Chapters 4,5(Red),&12.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.

(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12030-OE.

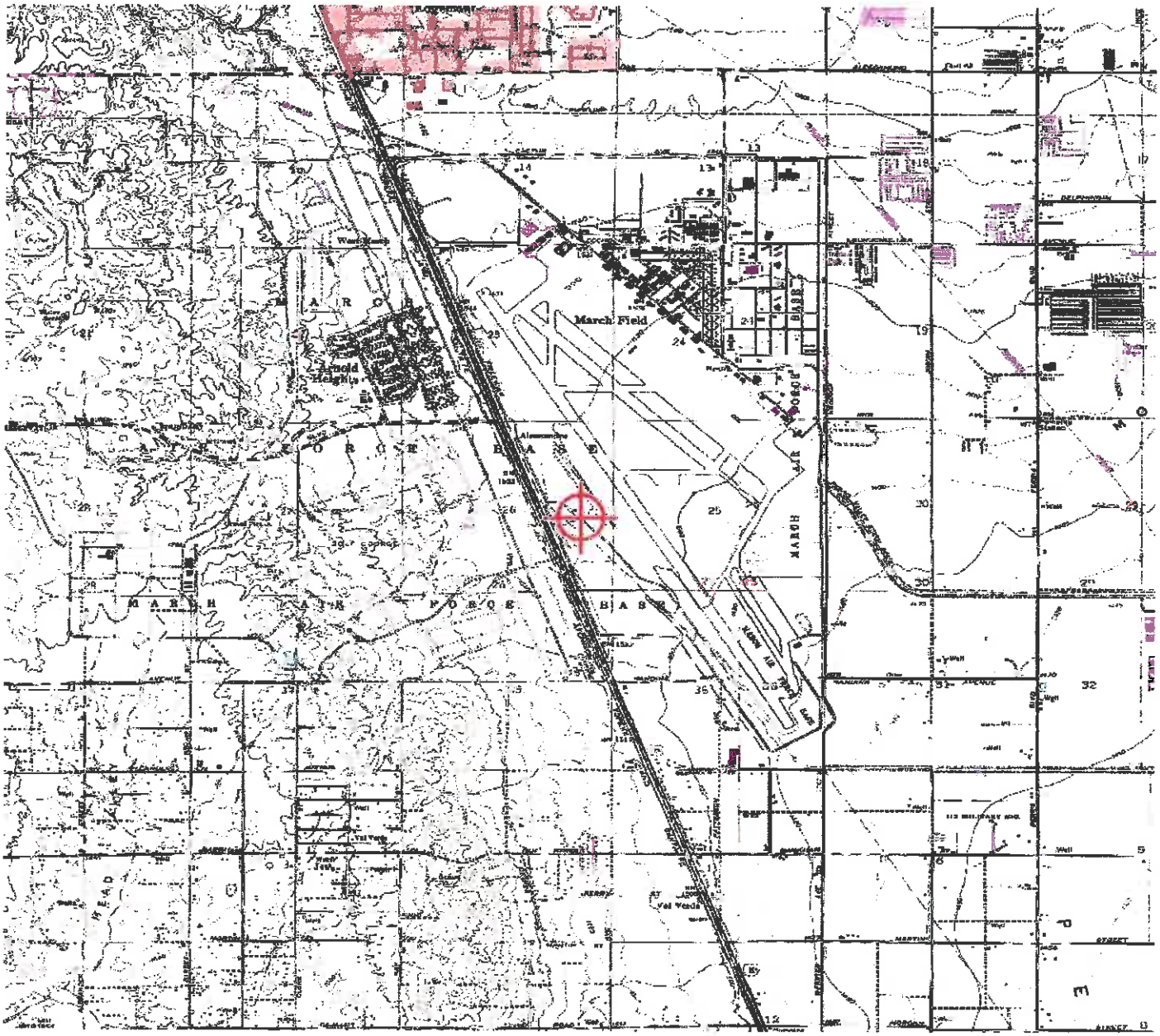
Signature Control No: 311816034-320353133 (EBO)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

Additional information for ASN 2016-AWP-12030-OE

RECOMMEND RED OBSTRUCTION LIGHTING INSTALLED ON THIS POINT OF BUILDING. HEIGHT PENETRATES AN FAR PART 77 PROTECTED SURFACE; 77.21(b)(4) *RIV[EXISTING] [NASR] - RWY 14/32[EXISTING][NASR]: Transitional Surface ---> Exceeds by 4 ft.

TOPO Map for ASN 2016-AWP-12030-OE



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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12030-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 1 (NE Corner)
Location:	Perris, CA
Latitude:	33-52-47.08N NAD 83
Longitude:	117-15-50.59W
Heights:	1523 feet site elevation (SE)
	48 feet above ground level (AGL)
	1571 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

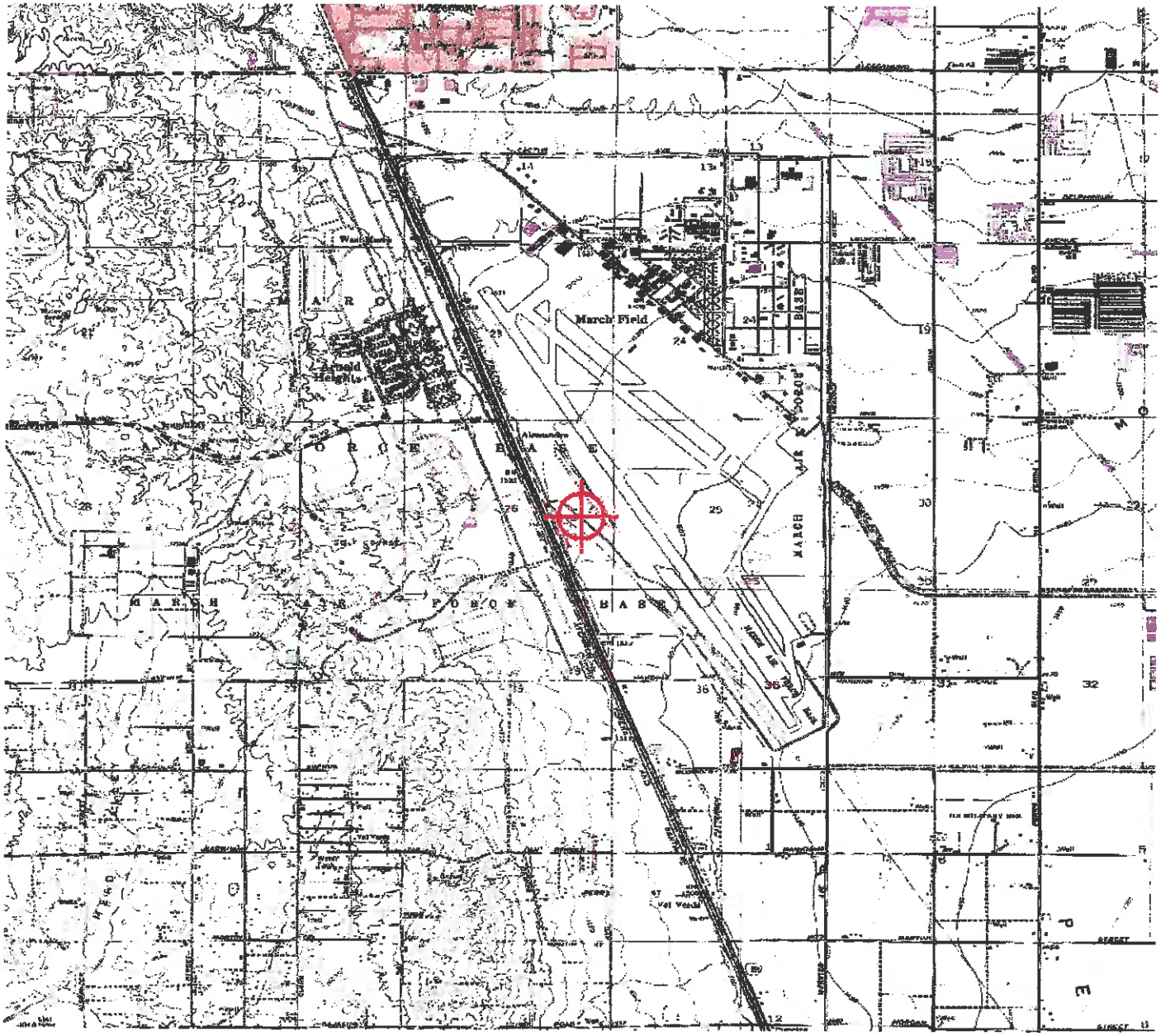
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12030-OE.

Signature Control No: 311816034-382228441 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12030-OE



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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12031-OE

Issued Date: 01/26/2017

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 1 (SW Corner)
Location:	Perris, CA
Latitude:	33-52-29.91N NAD 83
Longitude:	117-15-47.67W
Heights:	1515 feet site elevation (SE)
	48 feet above ground level (AGL)
	1563 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

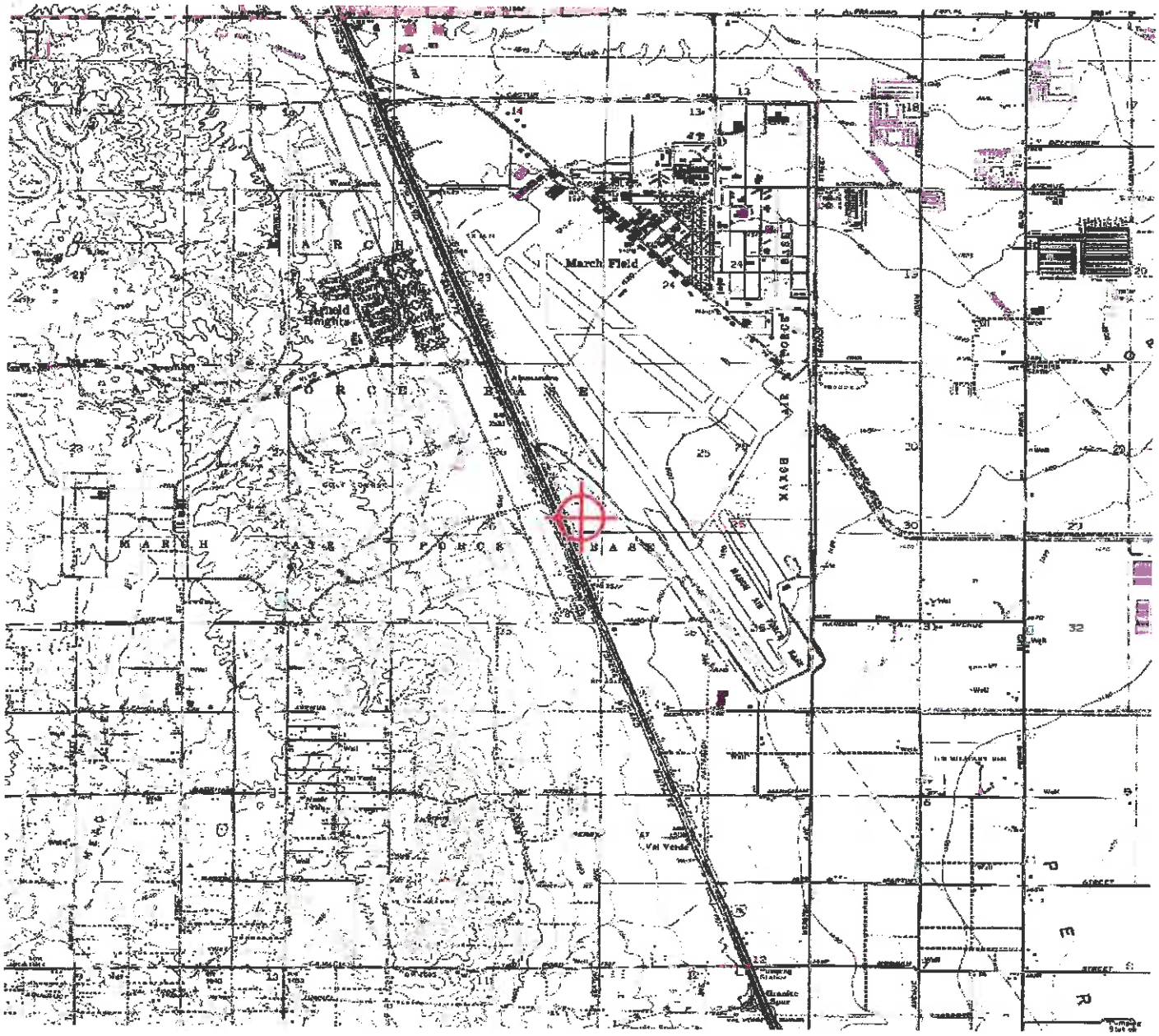
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12031-OE.

Signature Control No: 311816035-320352866 (DNE)
Karen McDonald
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2016-AWP-12031-OE



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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12031-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 1 (SW Corner)
Location:	Perris, CA
Latitude:	33-52-29.91N NAD 83
Longitude:	117-15-47.67W
Heights:	1515 feet site elevation (SE)
	48 feet above ground level (AGL)
	1563 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

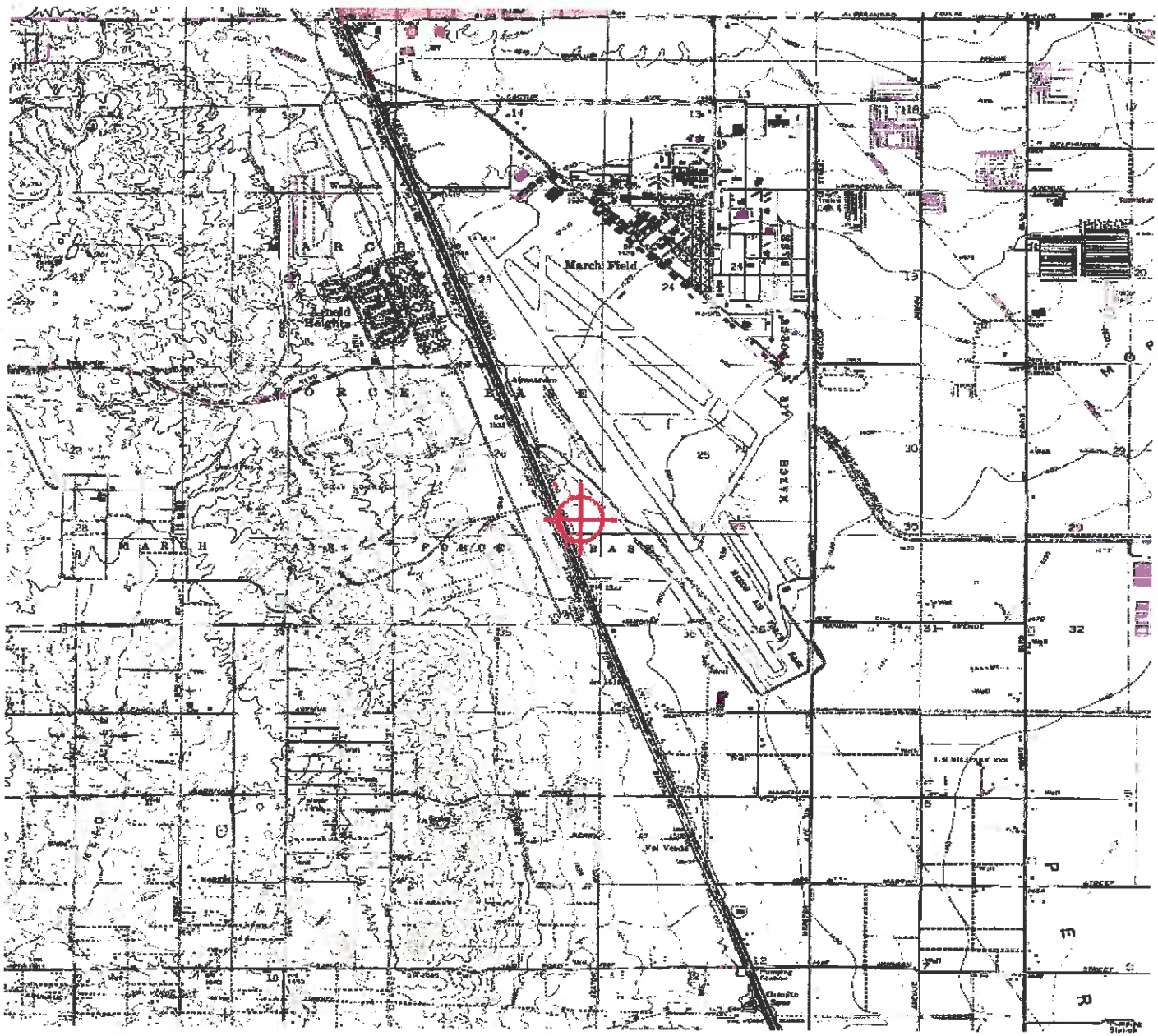
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12031-OE.

Signature Control No: 311816035-382228438 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12031-OE



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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12032-OE

Issued Date: 01/26/2017

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 1 (SE Corner)
Location:	Perris, CA
Latitude:	33-52-33.26N NAD 83
Longitude:	117-15-40.76W
Heights:	1515 feet site elevation (SE)
	48 feet above ground level (AGL)
	1563 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does exceed obstruction standards but would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 L Change 1, Obstruction Marking and Lighting, red lights - Chapters 4,5(Red),&12.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12032-OE.

Signature Control No: 311816036-320353961 (EBO)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

Additional information for ASN 2016-AWP-12032-OE

RECOMMEND RED OBSTRUCTION LIGHTING INSTALLED ON THIS POINT OF BUILDING. HEIGHT PENETRATES AN FAR PART 77 PROTECTED SURFACE; 77.21(b)(4) *RIV[EXISTING] [NASR] - RWY 14/32[EXISTING][NASR]: Transitional Surface ---> Exceeds by 2 ft.

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Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12032-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 1 (SE Corner)
Location:	Perris, CA
Latitude:	33-52-33.26N NAD 83
Longitude:	117-15-40.76W
Heights:	1515 feet site elevation (SE)
	48 feet above ground level (AGL)
	1563 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

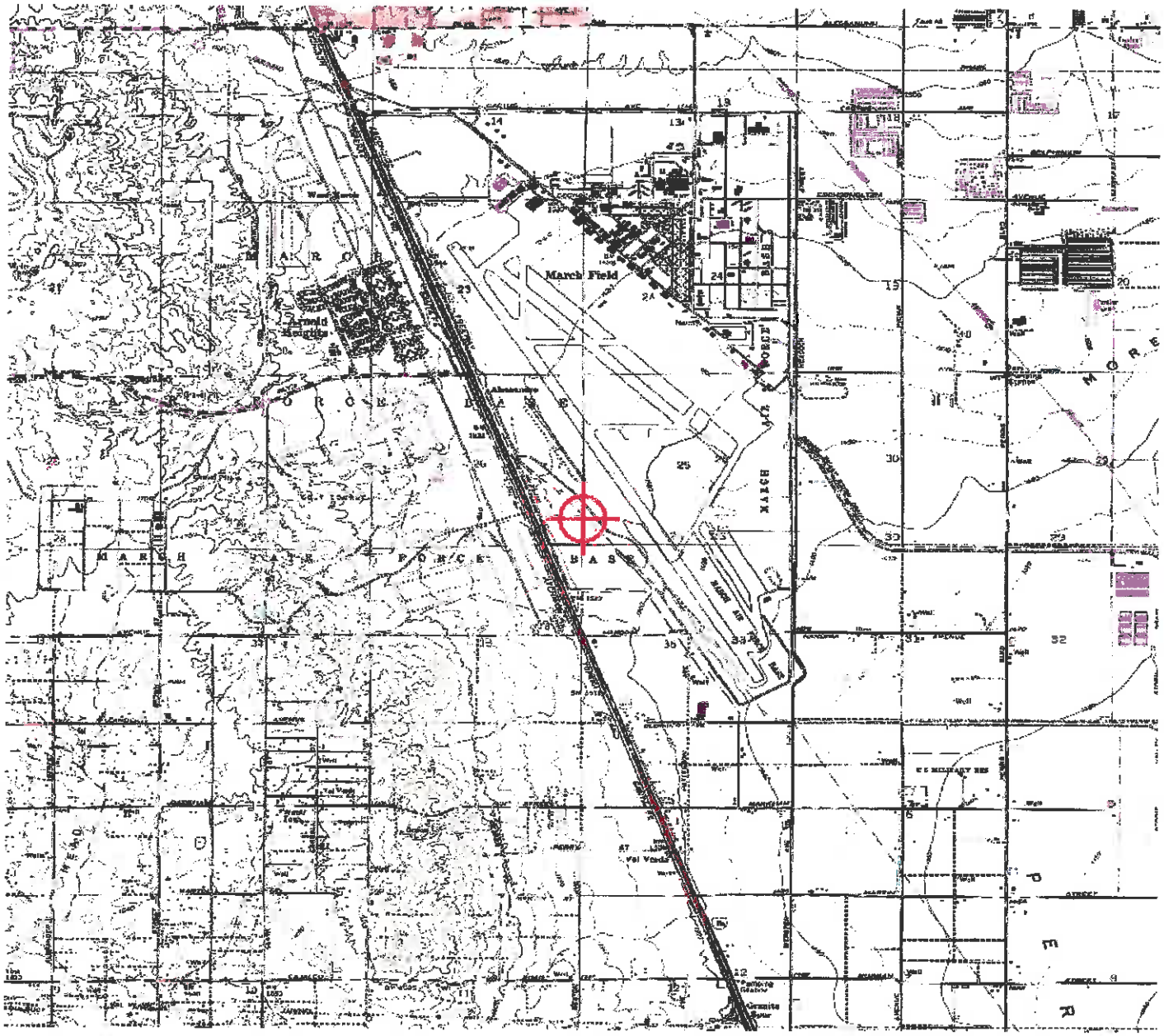
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12032-OE.

Signature Control No: 311816036-382228440 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12032-OE



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Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12033-OE

Issued Date: 01/26/2017

JOHN MAGNESS
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901 VIA PIEMONTE
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ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 2 (NW Corner)
Location:	Perris, CA
Latitude:	33-52-27.33N NAD 83
Longitude:	117-15-46.66W
Heights:	1516 feet site elevation (SE)
	48 feet above ground level (AGL)
	1564 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

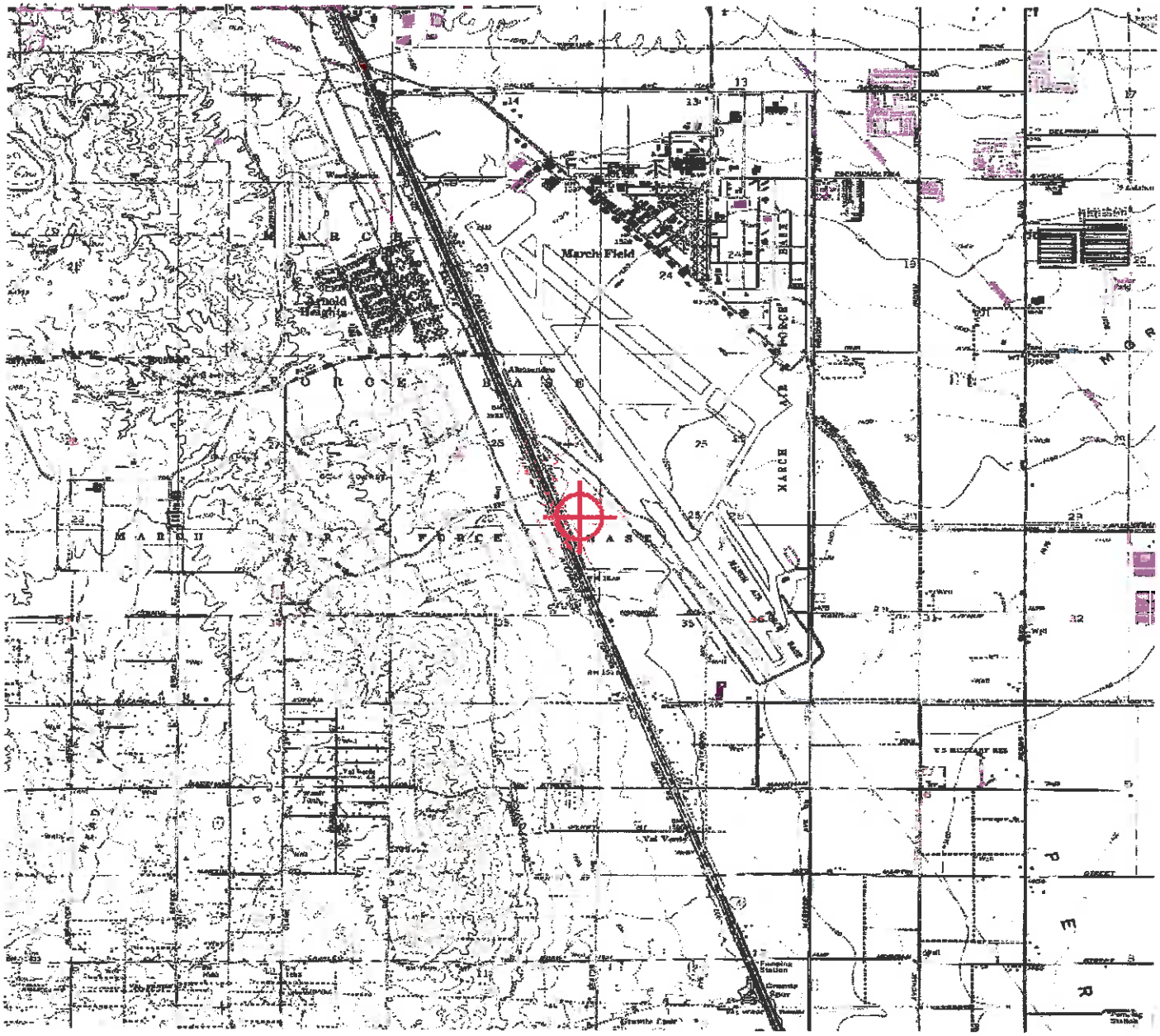
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12033-OE.

Signature Control No: 311816037-320352869 (DNE)
Karen McDonald
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2016-AWP-12033-OE



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10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12033-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 2 (NW Corner)
Location:	Perris, CA
Latitude:	33-52-27.33N NAD 83
Longitude:	117-15-46.66W
Heights:	1516 feet site elevation (SE)
	48 feet above ground level (AGL)
	1564 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

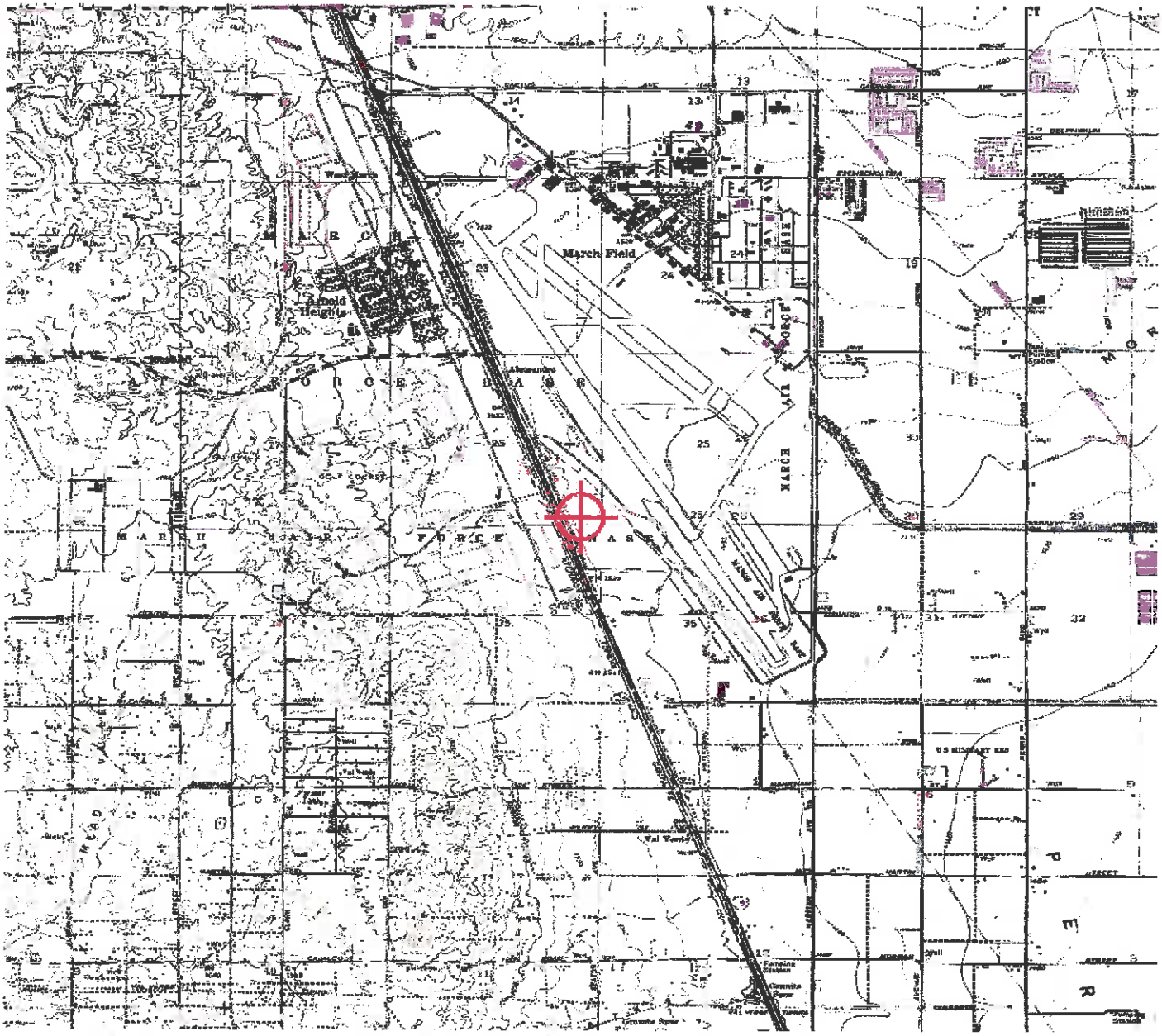
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12033-OE.

Signature Control No: 311816037-382228439 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12033-OE



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Aeronautical Study No.
2016-AWP-12034-OE

Issued Date: 01/26/2017

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**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 2 (NE Corner)
Location:	Perris, CA
Latitude:	33-52-31.08N NAD 83
Longitude:	117-15-39.21W
Heights:	1516 feet site elevation (SE)
	48 feet above ground level (AGL)
	1564 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does exceed obstruction standards but would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 L Change 1, Obstruction Marking and Lighting, red lights - Chapters 4,5(Red),&12.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.

(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12034-OE.

Signature Control No: 311816038-320354067 (EBO)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

Additional information for ASN 2016-AWP-12034-OE

RECOMMEND RED OBSTRUCTION LIGHTING INSTALLED ON THIS POINT OF BUILDING. HEIGHT PENETRATES AN FAR PART 77 PROTECTED SURFACE; 77.21(b)(4) *RIV[EXISTING] [NASR] - RWY 14/32[EXISTING][NASR]: Transitional Surface ---> Exceeds by 4 ft.

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Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12034-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 2 (NE Corner)
Location:	Perris, CA
Latitude:	33-52-31.08N NAD 83
Longitude:	117-15-39.21W
Heights:	1516 feet site elevation (SE)
	48 feet above ground level (AGL)
	1564 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

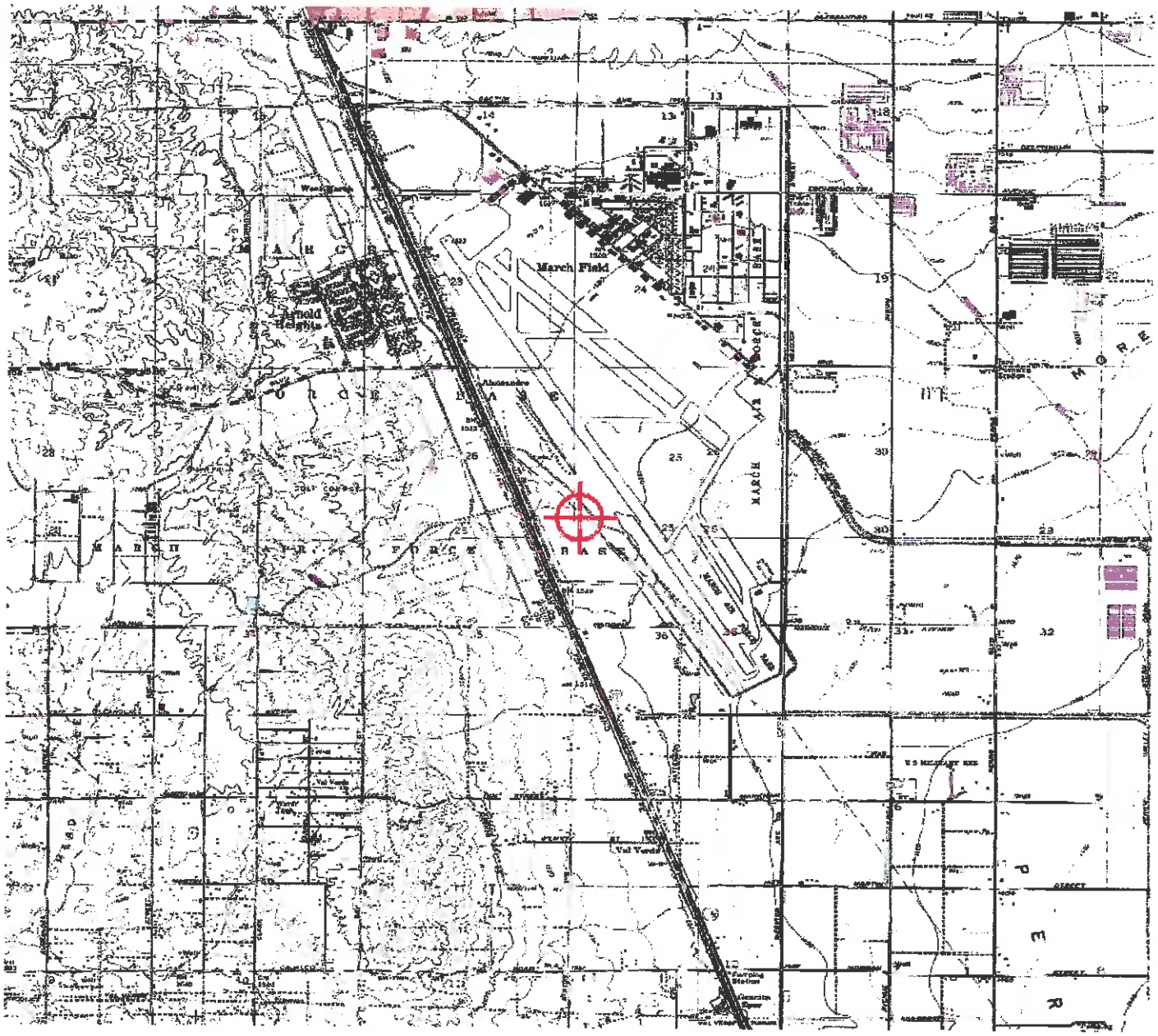
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12034-OE.

Signature Control No: 311816038-382228442 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12034-OE



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10101 Hillwood Parkway
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Aeronautical Study No.
2016-AWP-12035-OE

Issued Date: 01/26/2017

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
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ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 2 (SW Corner)
Location:	Perris, CA
Latitude:	33-52-14.19N NAD 83
Longitude:	117-15-37.40W
Heights:	1508 feet site elevation (SE)
	48 feet above ground level (AGL)
	1556 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

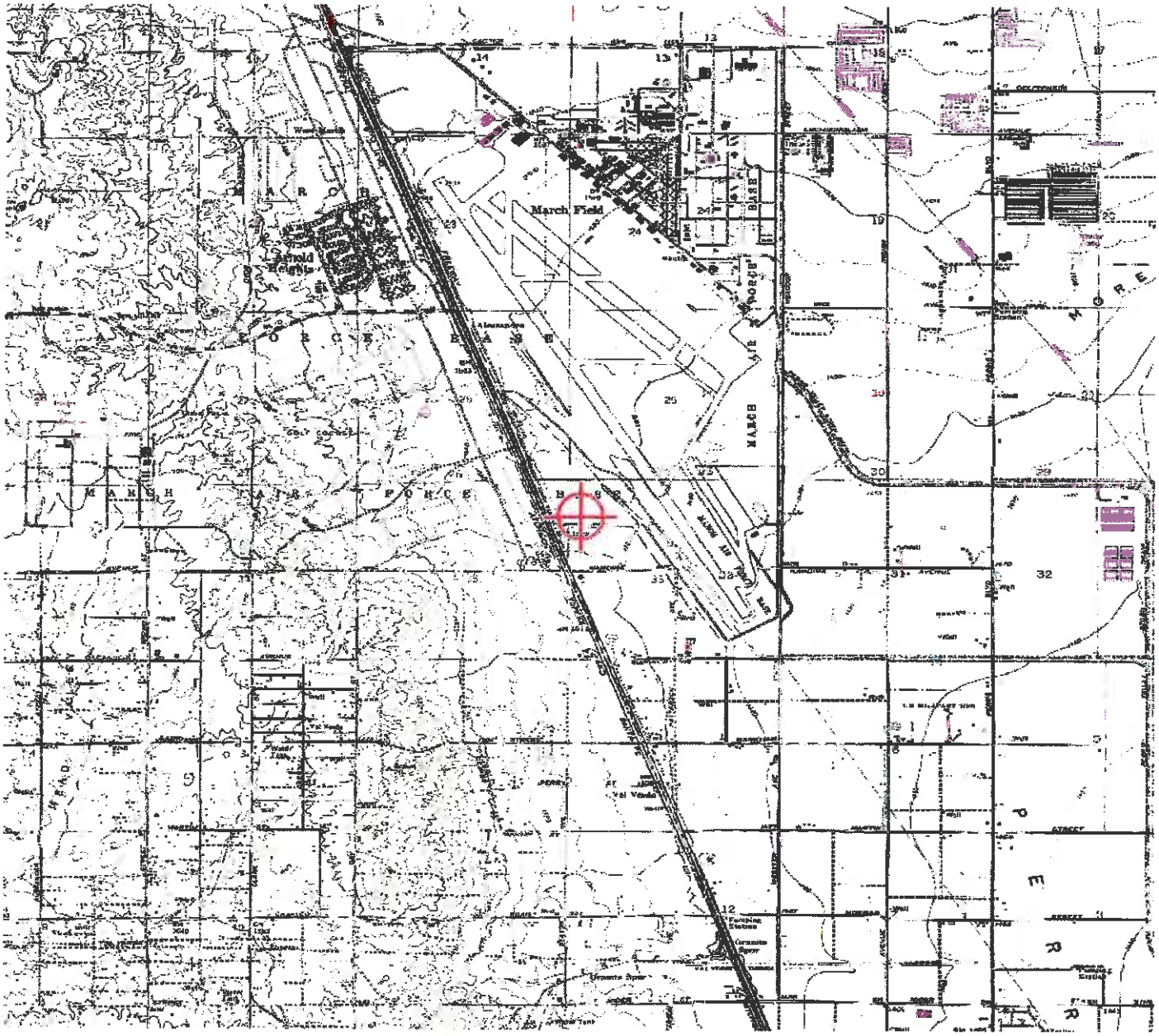
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12035-OE.

Signature Control No: 311816040-320352865 (DNE)
Karen McDonald
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2016-AWP-12035-OE



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10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12035-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 2 (SW Corner)
Location:	Perris, CA
Latitude:	33-52-14.19N NAD 83
Longitude:	117-15-37.40W
Heights:	1508 feet site elevation (SE)
	48 feet above ground level (AGL)
	1556 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

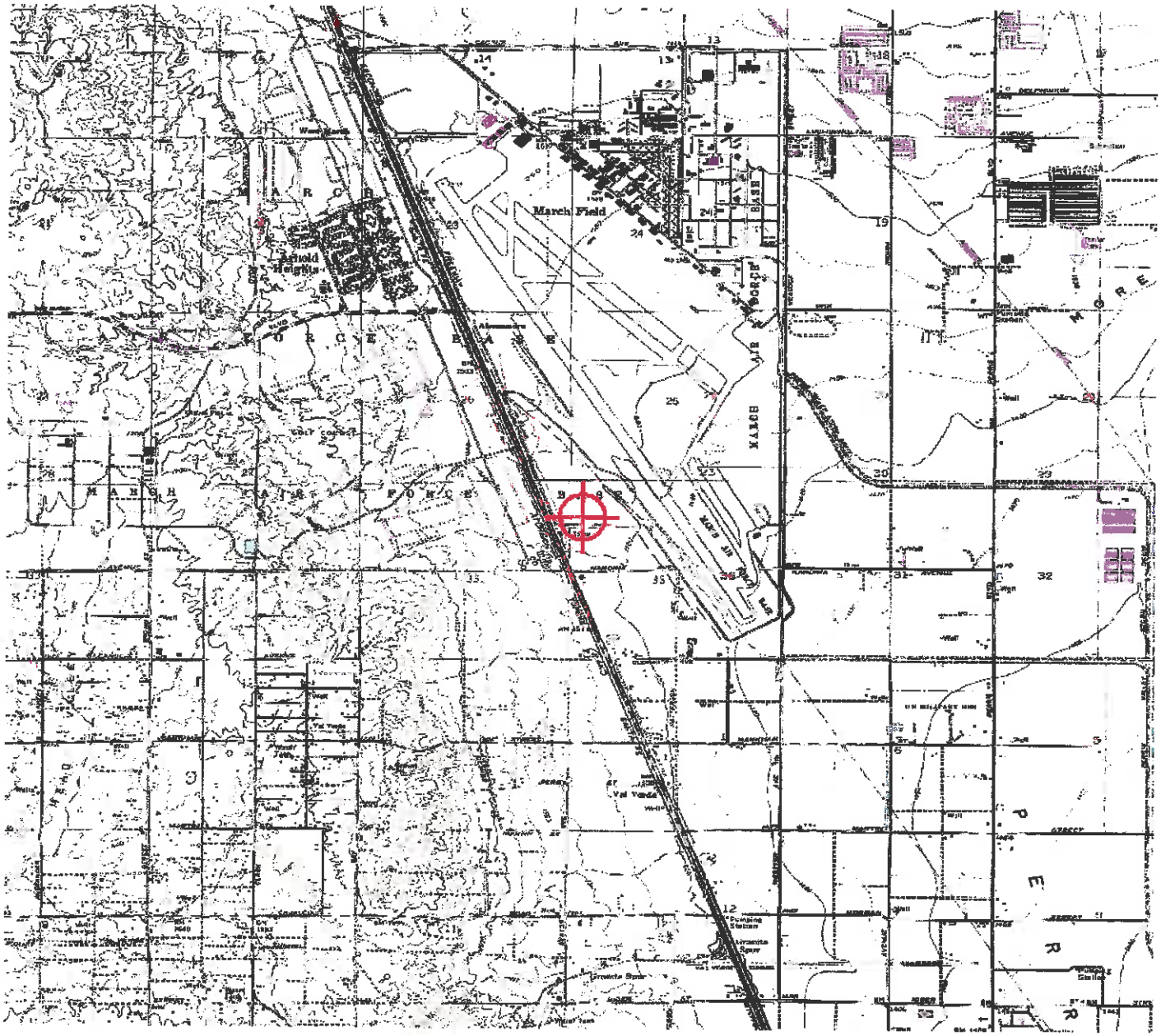
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12035-OE.

Signature Control No: 311816040-382228445 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12035-OE



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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12036-OE

Issued Date: 01/26/2017

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
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ONTARIO, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building VIP - Bldg 2 (SE Corner)
Location:	Perris, CA
Latitude:	33-52-16.33N NAD 83
Longitude:	117-15-28.81W
Heights:	1508 feet site elevation (SE)
	48 feet above ground level (AGL)
	1556 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does exceed obstruction standards but would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 L Change 1, Obstruction Marking and Lighting, red lights - Chapters 4,5(Red),&12.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

See attachment for additional condition(s) or information.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 07/26/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.

(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12036-OE.

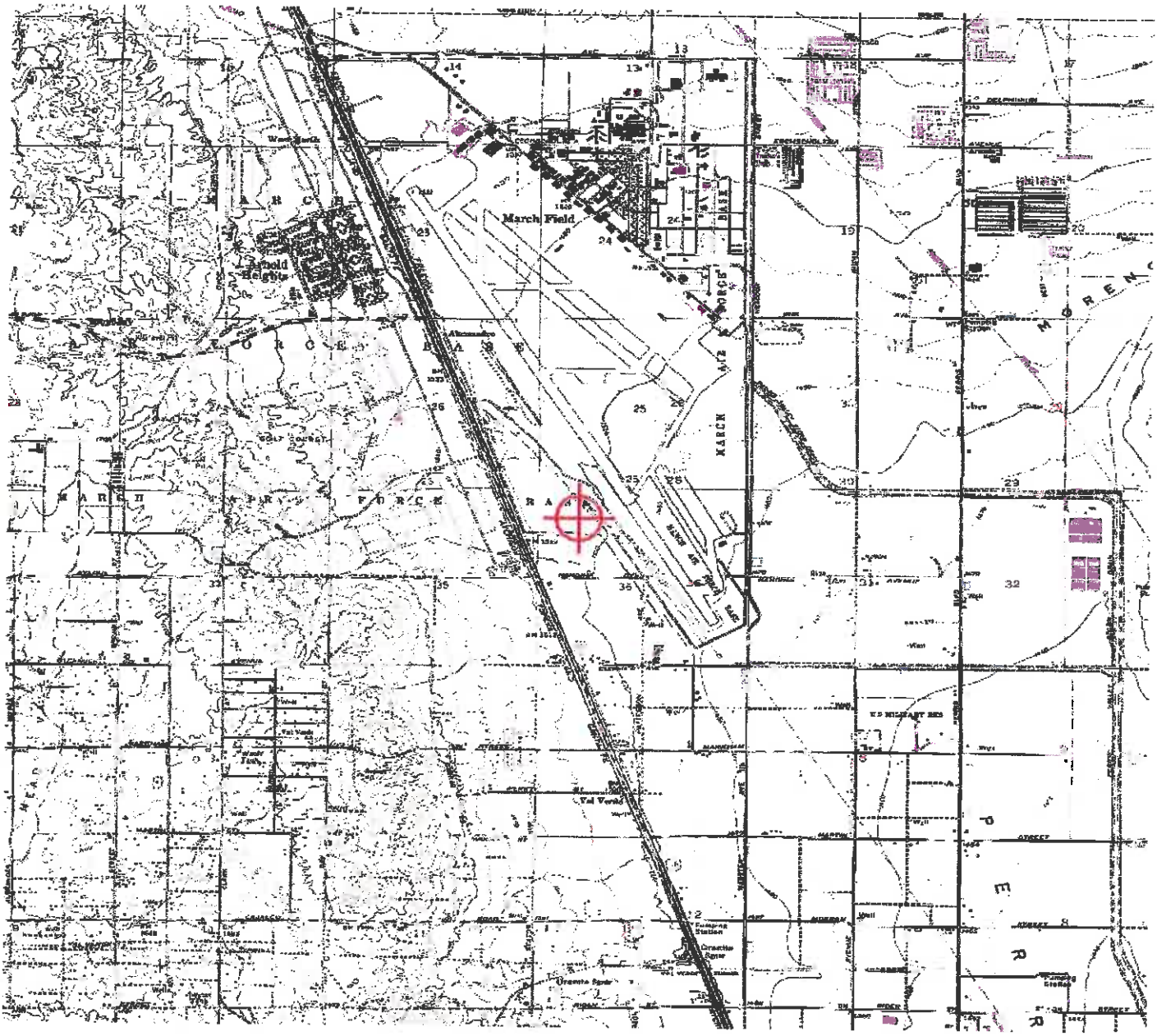
Signature Control No: 311816041-320354780 (EBO)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

Additional information for ASN 2016-AWP-12036-OE

RECOMMEND RED OBSTRUCTION LIGHTING INSTALLED ON THIS POINT OF BUILDING. HEIGHT PENETRATES AN FAR PART 77 PROTECTED SURFACE; 77.21(b)(4) *RIV[EXISTING][NASR] - RWY 14/32[EXISTING][NASR]: Transitional Surface ---> Exceeds by 1 ft.

TOPO Map for ASN 2016-AWP-12036-OE



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-AWP-12036-OE

Issued Date: 08/21/2018

JOHN MAGNESS
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
SUITE 175
ONTARIO, CA 91764

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure:	Building VIP - Bldg 2 (SE Corner)
Location:	Perris, CA
Latitude:	33-52-16.33N NAD 83
Longitude:	117-15-28.81W
Heights:	1508 feet site elevation (SE)
	48 feet above ground level (AGL)
	1556 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 02/21/2020 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

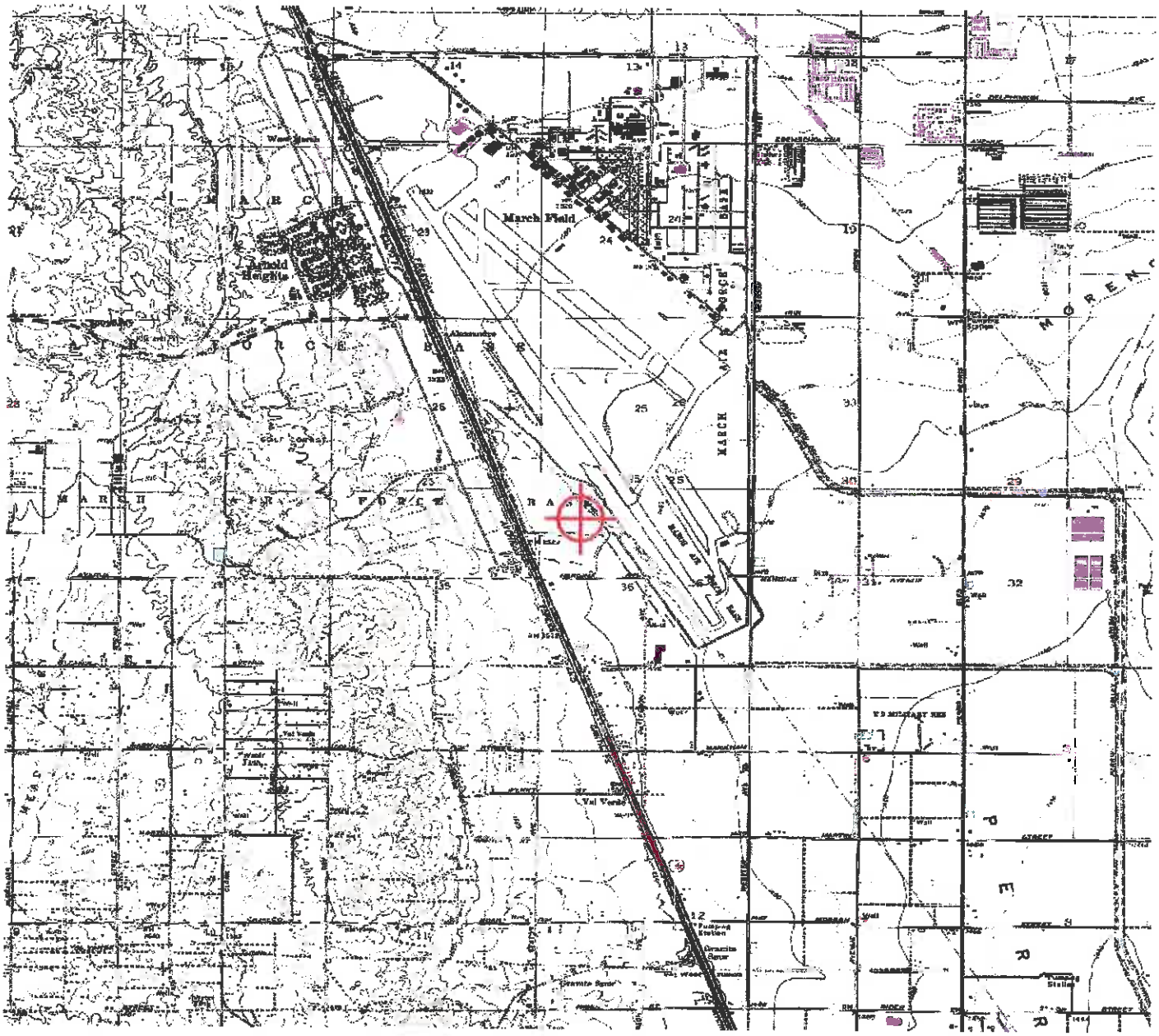
If we can be of further assistance, please contact our office at (310) 725-6557, or karen.mcdonald@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-AWP-12036-OE.

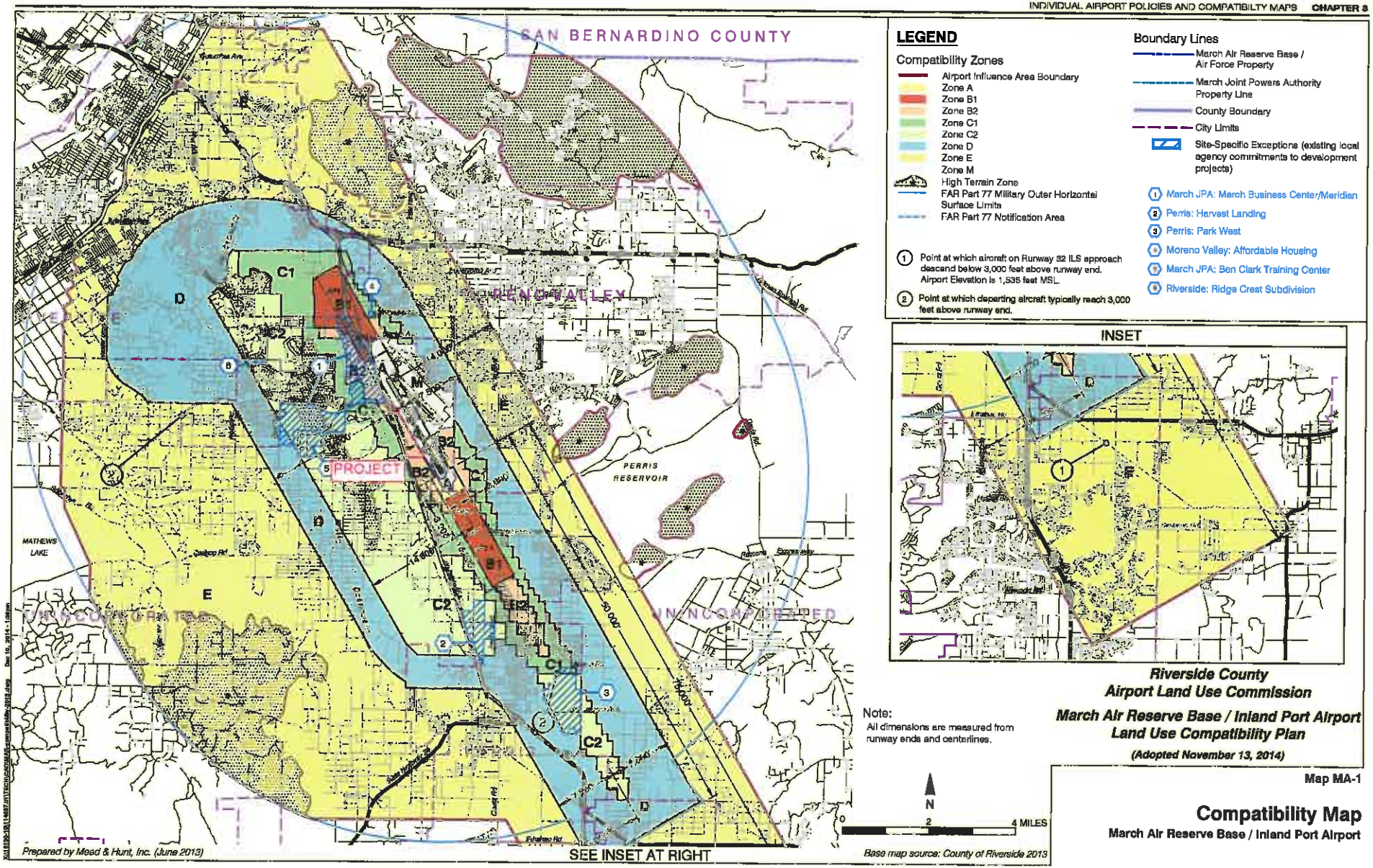
Signature Control No: 311816041-382228443 (EXT)
Karen McDonald
Specialist

Attachment(s)
Additional Information
Map(s)

ALL REQUIREMENTS AND CONDITIONS ON ORIGINAL AIRSPACE DETERMINATION REMAIN IN EFFECT.

TOPO Map for ASN 2016-AWP-12036-OE





LEGEND

Compatibility Zones

- Airport Influence Area Boundary
- Zone A
- Zone B1
- Zone B2
- Zone C1
- Zone C2
- Zone D
- Zone E
- Zone M
- High Terrain Zone
- FAR Part 77 Military Outer Horizontal Surface Limits
- FAR Part 77 Notification Area

(1) Point at which aircraft on Runway 32 ILS approach descend below 3,000 feet above runway end. Airport Elevation is 1,535 feet MSL.

(2) Point at which departing aircraft typically reach 3,000 feet above runway end.

Boundary Lines

- March Air Reserve Base / Air Force Property
- March Joint Powers Authority Property Line
- County Boundary
- City Limits
- Site-Specific Exceptions (existing local agency commitments to development projects)

1. March JPA: March Business Center/Meridian
2. Perris: Harvest Landing
3. Perris: Park West
4. Moreno Valley: Affordable Housing
5. March JPA: Ben Clark Training Center
6. Riverside: Ridge Crest Subdivision

INSET

Note:
All dimensions are measured from runway ends and centerlines.

Riverside County Airport Land Use Commission

March Air Reserve Base / Inland Port Airport Land Use Compatibility Plan

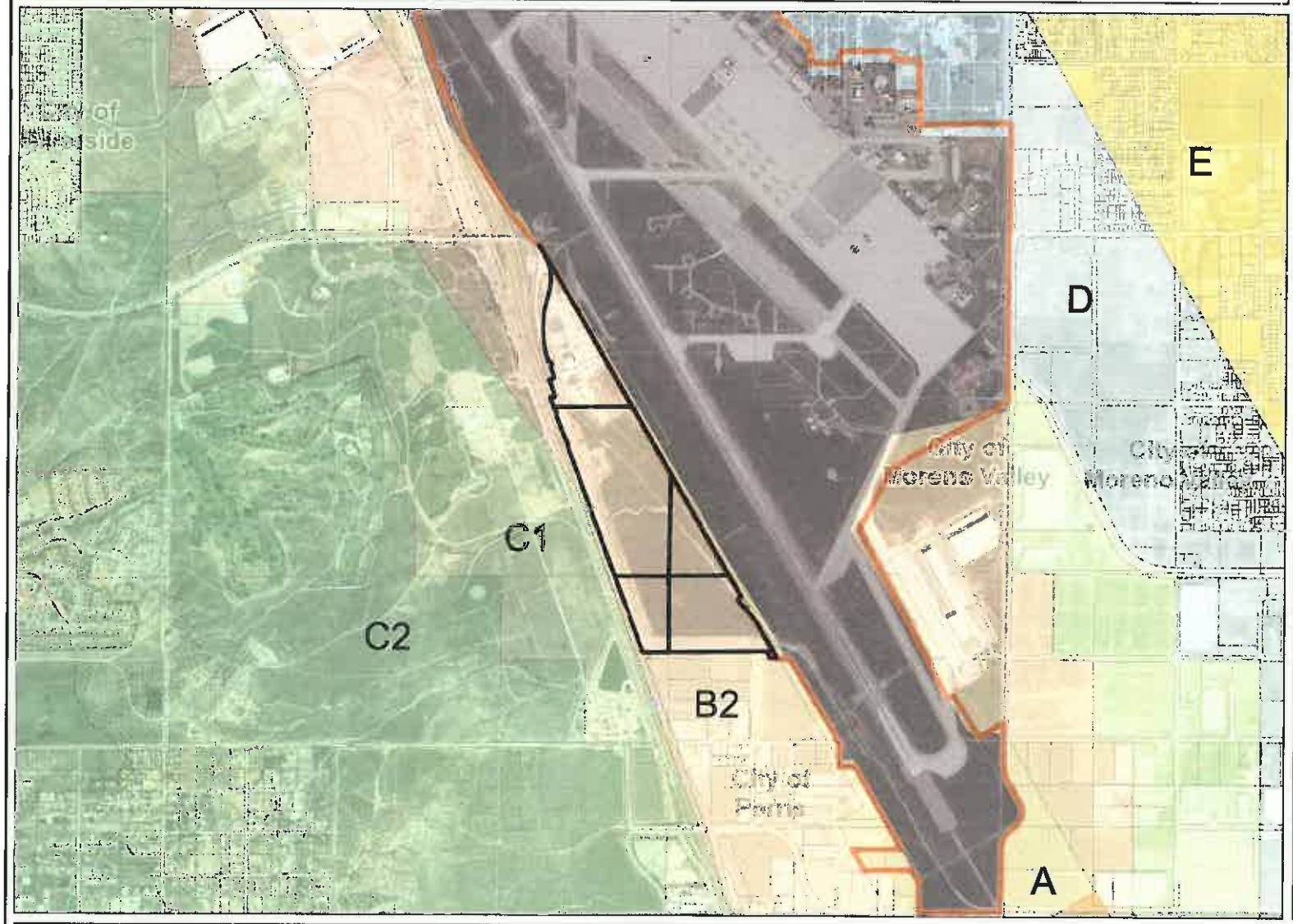
(Adopted November 13, 2014)

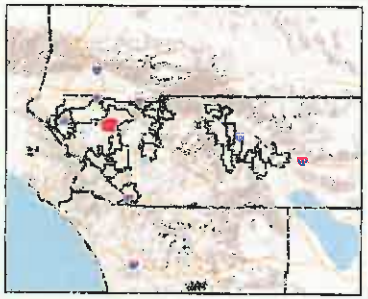
Map MA-1

Compatibility Map

March Air Reserve Base / Inland Port Airport

My Map





Legend

- Airports
- AIA

Airport Compatibility

- OTHER ZONE
- A
- A-EXC1
- B1
- B1-APZ I
- B1-APZ I-EXC1
- B1-APZ II
- B1-APZ II-EXC1
- B1-EXC1
- B2
- B2-EXC1
- C
- C1
- C1-EXC1
- C1-EXC3
- C1-EXC4
- C1-HIGHT
- C2
- C2-EXC1
- C2-EXC2
- C2-EXC3
- C2-EXC5
- C2-EXC6
- C2-HIGHT

0 2,877 5,755 Feet

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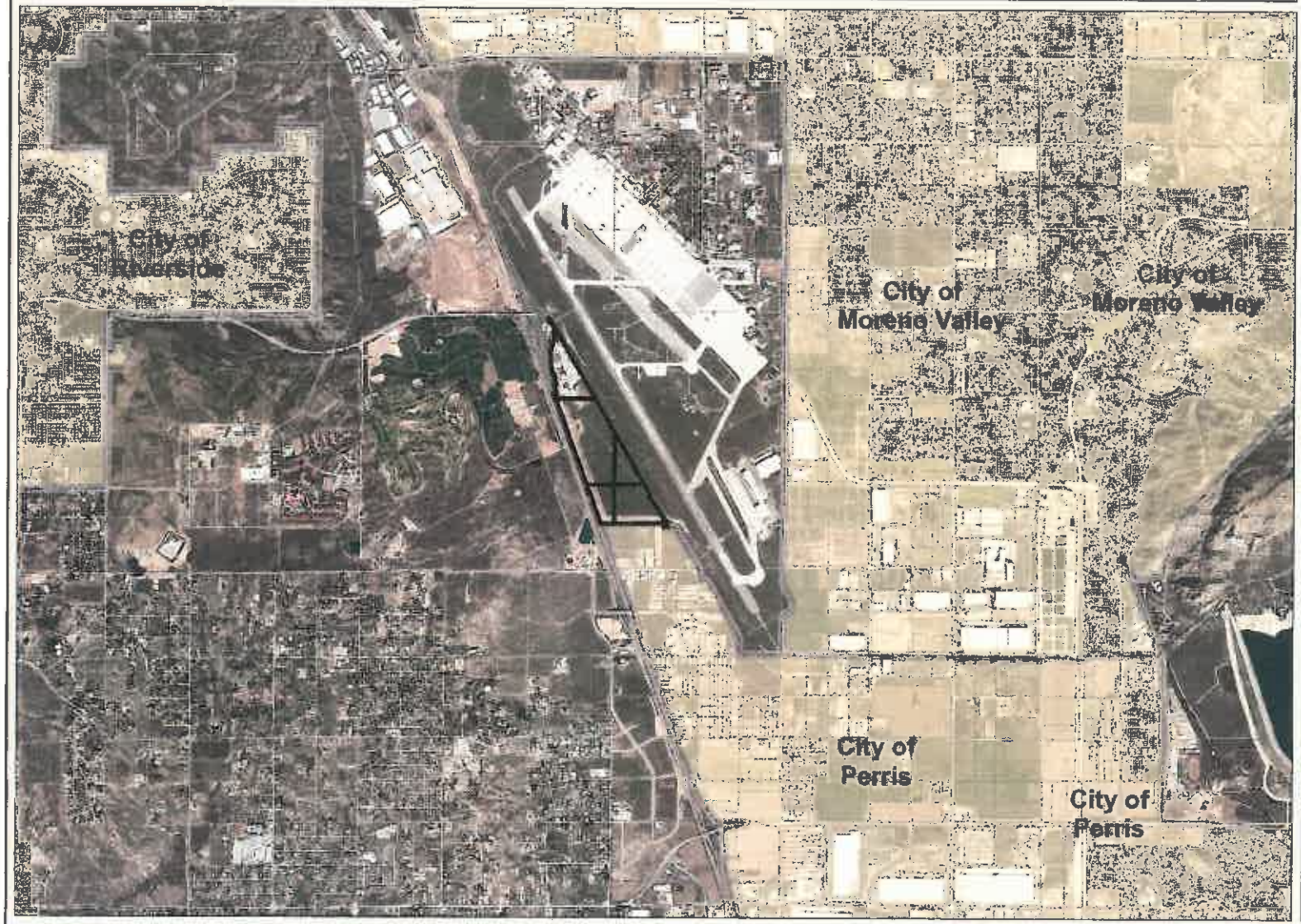
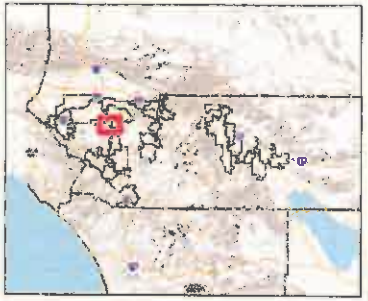
Notes

My Map





Legend

- City Boundaries
- Cities
- highways_large
  - HWY
  - INTERCHANGE
  - INTERSTATE
  - USHWY
- majorroads
- counties
- cities
- hydrographylines
- waterbodies
  - Lakes
  - Rivers

0 5,755 11,510 Feet

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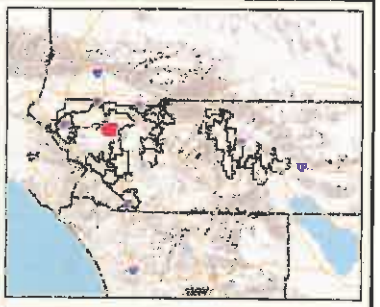
Notes

My Map



Legend

- City Boundaries
- Cities
- roadsanno
- highways
  - HWY
  - INTERCHANGE
  - INTERSTATE
  - OFFRAMP
  - ONRAMP
  - USHWY
- roads
  - Major Roads
  - Arterial
  - Collector
  - Residential
- counties
- cities
- hydrographylines
- waterbodies
  - Lakes
  - Rivers

RCIT

0 2,877 5,755 Feet

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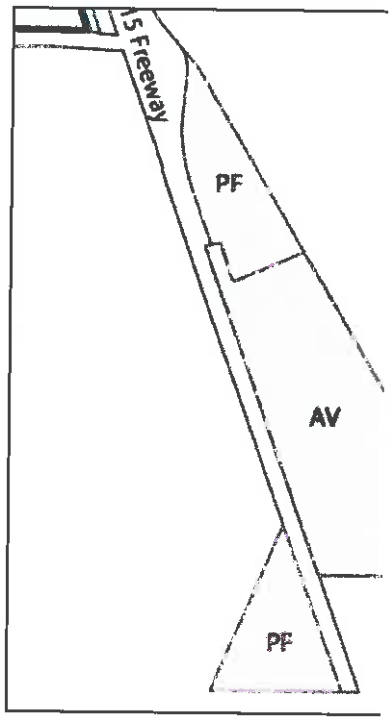
Notes

Veterans Industrial Park Specific Plan

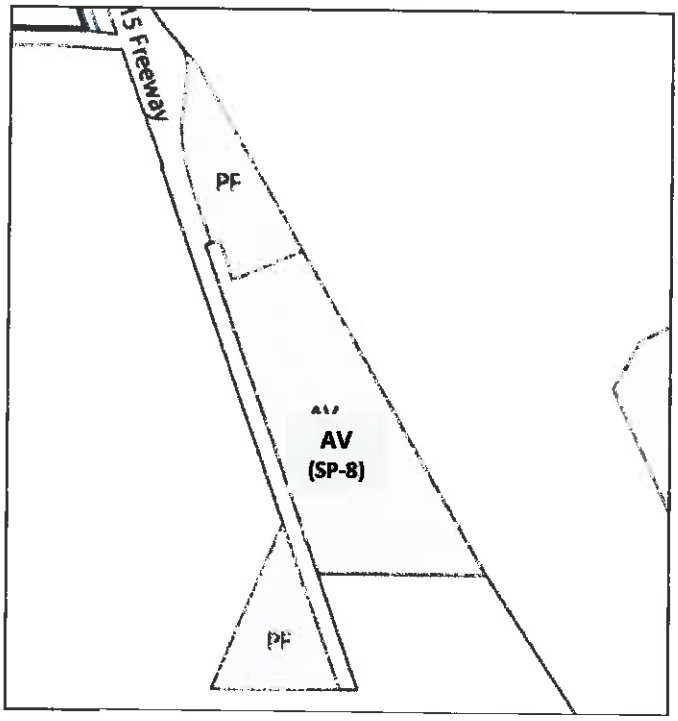
General Plan Text Amendment (Redline additions noted)

Aviation (AV) (FAR 0.40)

Through joint use of the aviation field, the unique opportunity to develop civilian aviation is presented. Land uses under this designation include flightline, hangers, aviation support services, inclusive of fuel systems and dispensing, air cargo storage, passenger and air cargo terminals, fixed base operations, aircraft maintenance and aviation operation services as well as general warehousing/logistics uses. The maximum FAR for land use in this category is 0.40:1, with an average develo9pkment intensity of 0.15:1.



Existing General Plan Land Use



Proposed General Plan Amendment

Proposed General Plan Map Amendment

Veterans Industrial Park Specific Plan

General Plan Amendment Summary
Veterans Industrial Park Specific Plan

1. **LAND USE ELEMENT.** Land Use Plan: Map Amendment to add a Specific Plan (SP) overlay to the existing Aviation Land Use and a text amendment to add general warehousing/logistics to the list of uses in the Aviation designation.
    - No Amendments to Exhibits 1-1 through 1-3
    - Amendment to Exhibit 1-4 (Land Use Plan) to add (SP) to the Aviation designation.
    - Update Table 1-1 to include updated Buildout Capacity inclusive of proposed project intensity if necessary.
2. **TRANSPORTATION ELEMENT.** Van Buren Boulevard Extension is identified as a Major Arterial on the General Plan Transportation Plan Exhibit 2-1. A Major Arterial has 4 lanes and a right of way of 110 feet with an 86-foot road section and 18 foot raised median. The proposed road section provides a modified Major Arterial.

    No bike lanes are identified for Van Buren east of I-215. Van Buren, as a road of a higher classification than a collector, is by default identified as a truck route (Exhibit 2-3).
    - No Amendment to Exhibit 2-1 (Transportation Plan)
    - No Amendment to Exhibit 2-2 (Cross Sections)
    - No Amendment to Exhibit 2-3 (Transportation Plan Systems)
    - No Amendment to Exhibit 2-4 (Non-Roadway Transportation Plan Systems)
3. **RESOURCE MANAGEMENT ELEMENT.** Site is within the SKR Open Space but not the SKR Management Area nor shown for recreational facilities. Van Buren east of I-215 is not designated on General Plan exhibits as a scenic corridor.
    - No Amendment to Exhibit 5-1 (SKR Management and Open Space Areas). SKR mitigation fees will be paid.
    - No Amendment to Exhibit 5-2 (Wetlands and Riparian Areas)
    - No Amendment to Exhibit 5-3 (Recreational Facilities)
    - No Amendment to Exhibit 5-4 (Scenic Corridors/Gateway)
    - No Amendment to Exhibit 5-5 (Installation Restoration Program Sites)
4. **SAFETY/RISK MANAGEMENT ELEMENT.** Site is not within a Clear Zone, APZ or RPZ as shown on General Plan exhibits.

- No Amendment to Exhibit 6-1 (Seismic setting)
- No Amendment to Exhibit 6-2 (100-Year Flood Area)
- No Amendment to Exhibit 6-3 (Aviation Safety Zones (Military))
- No Amendment to Exhibit 6-4 (Aviation Safety Zones (Civilian))

TENTATIVE PARCEL MAP NO. 37220

COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

HUITT–ZOLLARS, INC.

OCTOBER, 2016

GROSS AREA = 142.46 ACS±

APN'S: 294-150-009, 294-170-005, 294-180-038, 294-140-13, 295-300-008

LEGAL DESCRIPTIONS

THE LEGAL DESCRIPTION SHOWN HEREON HAS BEEN PREPARED BY THE SURVEYOR OF RECORD FOR THE PURPOSE OF DEPICTING THE AREA TO BE INCLUDED IN THIS SURVEY ONLY. SAID DESCRIPTION IS NOT TO BE USED FOR CONVEYANCE OF TITLE OF ANY NATURE.

THAT PORTION SECTIONS 25, 26, 35 AND 36, TOWNSHIP 3 SOUTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, SHOWN AS PARCEL 11 ON MAP FILED IN BOOK 110 PAGES 30 TO 40 INCLUSIVE, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER, OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°06'59" WEST 670.29 FEET IN THE EASTERLY BOUNDARY OF SAID PARCEL 11, SAID SOUTHERLY TERMINUS ALSO BEING A POINT ON THE NORTHERLY LINE OF PARCEL MAP NO. 8698, AS PER MAP FILED IN BOOK 37 PAGE 90, OF PARCEL MAPS IN THE OFFICE OF SAID RECORDER; THENCE ALONG SAID NORTHERLY LINE SOUTH 89°53'52" WEST 117.66 FEET; THENCE LEAVING SAID NORTHERLY LINE NORTH 30°09'25" WEST 124.78 FEET TO A LINE PARALLEL WITH 108.00 FEET NORTHERLY, MEASURED AT RIGHT ANGLES, FROM SAID NORTHERLY LINE; THENCE ALONG SAID PARALLEL LINE SOUTH 89°53'52" WEST 1955.75 FEET TO THE EASTERLY BOUNDARY OF CALIFORNIA STATE ROUTE 215, AS SHOWN ON CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTATION MAP 453680 ON FILE IN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION; THENCE ALONG SAID EASTERLY BOUNDARY NORTH 19°22'43" WEST 4259.32 FEET; THENCE LEAVING SAID EASTERLY BOUNDARY NORTH 77°53'09" EAST 120.23 FEET; THENCE SOUTH 17°20'02" EAST 24.72 FEET; THENCE NORTH 75°40'21" EAST 81.83 FEET; THENCE SOUTH 45°37'50" EAST 766.67 FEET; THENCE NORTH 82°14'06" EAST 614.91 FEET TO THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°07'27" WEST 3507.80 FEET IN THE BOUNDARY OF THE "MARCH AIR RESERVE BASE" AS SHOWN ON MAP FILED IN BOOK 124 PAGES 69 TO 81 INCLUSIVE OF SAID RECORDS OF SURVEY; THENCE ALONG SAID LAST MENTIONED BOUNDARY AS FOLLOWS: SOUTH 30°07'25" EAST 3507.87 FEET; THENCE SOUTH 49°46'59" WEST 73.50 FEET; THENCE SOUTH 39°57'49" EAST 421.43 FEET; THENCE SOUTH 30°06'29" EAST 670.22 FEET TO THE POINT OF BEGINNING.

CONTAINING 142.46 ACRES MORE OR LESS.

EXISTING EASEMENTS

(10) ABUTTER'S RIGHTS OF INGRESS AND EGRESS TO OR FROM THE FREEWAY HAVE BEEN RELINQUISHED IN THE DOCUMENT RECORDED OCTOBER 28, 2004 AS INSTRUMENT NO. 2004-0852538 OF OFFICIAL RECORDS.

(15) AN EASEMENT FOR PIPELINE AND INCIDENTAL PURPOSES, RECORDED JUNE 26, 2009 AS INSTRUMENT NO. 2009-0326343 OF OFFICIAL RECORDS.

IN FAVOR OF: THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
AFFECTS: AS DESCRIBED THEREIN

(17) AN EASEMENT FOR PUBLIC ROAD AND UTILITY AND INCIDENTAL PURPOSES, RECORDED AUGUST 10, 2011 AS INSTRUMENT NO. 2011-0350313, AND RE-RECORDED AUGUST 28, 2012 AS INSTRUMENT NO. 2012-0408345, BOTH OF OFFICIAL RECORDS.

IN FAVOR OF: THE COUNTY OF RIVERSIDE
AFFECTS: AS DESCRIBED THEREIN

(19) AN EASEMENT FOR PUBLIC ROAD AND UTILITY AND INCIDENTAL PURPOSES, RECORDED AUGUST 10, 2011 AS INSTRUMENT NO. 2011-0350315 OF OFFICIAL RECORDS.

IN FAVOR OF: THE STATE OF CALIFORNIA
AFFECTS: AS DESCRIBED THEREIN

(21) AN EASEMENT FOR PIPELINE AND INCIDENTAL PURPOSES, RECORDED JUNE 27, 2013 AS INSTRUMENT NO. 2013-0307883 OF OFFICIAL RECORDS.

IN FAVOR OF: SOUTHERN CALIFORNIA GAS COMPANY
AFFECTS: AS DESCRIBED THEREIN

GENERAL NOTES

1. BASIS OF BEARING: THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, NAD 83 (EPOCH 2011.00) AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS (CGPS) AND/OR CONTINUOUS OPERATING REFERENCE STATIONS (CORS) EWPP AND PPBF BEING S 46°13'24.02" E AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) AND/OR NATIONAL GEODETIC SURVEY (NGS), RESPECTIVELY. ALL DISTANCES ARE U.S. FEET (GRID). GROUND DISTANCES CAN BE OBTAINED BY MULTIPLYING A COMBINATION FACTOR OF 0.99993087.

THE BENCHMARK FOR THIS PROJECT IS BASED ON THE NATIONAL GEODETIC SURVEY (NGS) VERTICAL CONTROL NETWORK, BENCHMARK NUMBER PID DX2725 DESIGNATION Z1143, ELEVATION 1532.70' (NAVD29). DESCRIBED AS FOLLOWS, "MORENO VALLEY, NEAR THE INTERSECTION OF INTERSTATE 215 AND VAN BUREN BLVD. PROCEED WEST ALONG VAN BUREN BLVD TO AVE A, (WEST FRONTAGE RD) THEN 0.10 MILE (0.16 KM) NORTH ALONG AVE A TO A DIRT ROAD LEADING TO THE UNDER PASS OF VAN BUREN BL 0.35 MILE (0.56 KM) SOUTH ALONG DIRT PATROL ON THE EAST SIDE OF ATSF RAILROAD TRACKS. FOUND A USCGS 3-1/4 INCH BRASS DISK STAMPED Z 1143 1961 SET FLUSH ON TOP OF A CONCRETE MONUMENT (ROUND), 15 FEET (4.6 M) SOUTHEAST OF MILEPOST 11, 183 FEET (55.8 M) SOUTHEAST OF A SWITCH STAND, 25 FEET (7.6 M) EAST OF TRACKS, 5.4 FEET (1.6 M) WEST OF 215 FWY RIGHT OF WAY FENCE AND 5 INCHES ABOVE GROUND."

GRID COORDINATE VALUES (EPOCH 2011.00 U.S. FEET)

EWPP	N 2347786.6482	E 6179507.1253
PPBF	N 2248987.1186	E 6278618.5712

2. DATE OF FIELD SURVEY: NOVEMBER, 2015.

3. ZONING INFORMATION:

PRESENT ZONING: NONE

FLOOD ZONE:

4. THE PROPERTY SHOWN HEREON IS LOCATED WITHIN FLOOD ZONE "D" PER U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT FIRM (FLOOD INSURANCE RATEMAP), COMMUNITY PANEL NO. 06065C0745G EFFECTIVE DATE: AUGUST 28, 2008. PANEL NOT PRINTED. NO FIELD SURVEY WAS PERFORMED TO DETERMINE THIS ZONE.

ZONE "D": AREAS IN WHICH FLOOD HAZARDS ARE UNDETERMINED, BUT POSSIBLE.

POINT DESCRIPTIONS

118 FOUND CALIF TRANS CONCRETE BOX DOWN 0.5' PER RECORDS OF SURVEY 132/97/100 HELD FOR LINE ONLY
119 FOUND 1" IP (LS 3365) DOWN 0.1' PER R3 & R5 0.09' SW'LY
120 FOUND 1½" IP W PLASTIC PLUG MARKED CALIF. DOT DOWN 0.5' PER R4 0.84' N'LY HELD FOR LINE
121 FOUND 1" IP (LS 3365) DOWN 0.3' PER R3 ACCEPTED AS NW CORNER OF R3
122 FOUND 1" IP (LS 3365) DOWN 0.3' PER R3
124 FOUND 1" IP (LS 4838) DOWN 0.1' PER R1
125 FOUND 1" IP (TAG NOT READABLE) IN FENCE FOOTING DOWN 1" ACCEPTED AS NORTHEAST CORNER OF PARCEL MAP NO. 8698, PMB 37/90
127 FOUND MWD BOAT SPIKE (LS 8560) FLUSH PER R4
128 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4, 0.73' W'LY
129 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4, 0.08' S'LY & 0.16 E'LY
130 FOUND 1½" IP W PLASTIC PLUG MARKED CALIF. DOT DOWN 2' PER R1 0.03' NE'LY
131 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4, 0.15' NE'LY
132 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4, 0.03' NE'LY
133 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4, 0.13 NE'LY
134 FOUND 1½" IP W PLASTIC PLUG MARKED CALIF. DOT UP 0.2' PER R1, 0.12' SW'LY
135 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4, 0.06' E'LY
136 FOUND 1½" IP W PLASTIC PLUG MARKED CALIF. DOT DOWN 1.3' PER R1 HELD FOR LINE
138 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4
141 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4 HELD
158 FOUND ALUM DISK PER RECORDS OF SURVEY 124/69-81
159 FOUND L & T (LS 4838) IN WING WALL PER R1
160 FOUND 1" IP (LS 4838) PER R1
161 FOUND L & T (LS 4838) IN FENCE FOOTING PER R1
162 FOUND MWD 1½" IP (LS 8560) FLUSH 0.4' SOUTH PER R4
163 FOUND MWD 1½" IP (LS 8560) FLUSH PER R4, 0.02' S'LY
169 FOUND 1½" IP W/RIV. COUNTY TAG S35/C36/S25/S26

COURSES

(1)	NORTH 49°46'59" EAST 73.50 FEET NORTH 49°48'04" EAST 73.59 FEET (R1)
(2)	NORTH 89°53'52" EAST 117.66 FEET NORTH 89°53'51" EAST 117.68 FEET (R1)
(3)	NORTH 89°53'52" EAST 209.82 FEET NORTH 89°53'51" EAST 209.45 FEET (R1)
(4)	NORTH 30°09'25" WEST 124.78 FEET NORTH 30°09'24" WEST 124.78 FEET (R1)
(5)	NORTH 19°22'43" WEST 138.46 FEET (R7)
(13)	NORTH 77°53'09" EAST 120.23 FEET
(14)	NORTH 17°20'02" WEST 24.72 FEET
(15)	NORTH 75°40'21" EAST 81.83 FEET

UTILITY PURVEYORS

FIRE (WATER):	EASTERN MUNICIPAL WATER DISTRICT (EMWD) 2270 TRUMBLE ROAD PERRIS, CA 92572 TEL. 951 928-3777	TELEPHONE:	FRONTIER 150 S. JUANITA STREET HEMET, CA 92543 TEL. 951 652-7395
SEWER/WATER:	WESTERN MUNICIPAL WATER DISTRICT (WMWD) 14205 MERIDIAN PARKWAY RIVERSIDE, CA 92518 TEL. 951 571-7100	TV CABLE:	SPECTRUM 1500 S. AUTO CENTER DRIVE ONTARIO, CA 91761 TEL. 909 390-4480
ELECTRIC:	SOUTHERN CALIFORNIA EDISON 26100 MENIFEE ROAD ROMOLAND, CA 92585 TEL. 951 928-8281	NATURAL GAS:	SOUTHERN CALIFORNIA GAS COMPANY 25200 TRUMBLE ROAD ROMOLAND, CA 92585

SEE CONCEPTUAL GRADING, DRAINAGE, AND UTILITY PLAN FOR PROPOSED GRADING, DRAINAGE, AND UTILITY IMPROVEMENTS

PREPARED IN THE OFFICE OF
HUITT-ZOLLARS, INC.
3990 CONCOURS, SUITE 330
ONTARIO, CALIFORNIA 91764
PHONE: (909) 941-7799

JOHNNY MURAD, P.E. 67512

PREPARED FOR OWNER
MARCH JOINT POWERS AUTHORITY
14205 MERIDIAN PARKWAY, SUITE 140
RIVERSIDE, CA 92518
PH: 951-656-7000

PREPARED FOR DEVELOPER
RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE
ONTARIO, CA 91764
PH: 909-382-0033

LEGEND

APN	ASSESSOR'S PARCEL
CL	CENTERLINE
CONC	CONCRETE
DIST	DISTANCE
E'LY	EASTERLY
EXIST	EXISTING
FD	FOUND
N'LY	NORTHERLY
NE'LY	NORTH EASTERLY
PL	PROPERTY LINE
PROP	PROPOSED
S'LY	SOUTHERLY
SW'LY	SOUTH WESTERLY
W'LY	WESTERLY
●	MONUMENT FOUND AS NOTED
○	MONUMENT TO BE SET
[#]	SURVEY POINT NUMBER
→	DRAINAGE FLOW DIRECTION

REFERENCES

R1 = RECORDS OF SURVEY 110/30-40
R2 = RECORDS OF SURVEY 124/69-81
R3 = PARCEL MAP NO. 8698, PMB 37/90
R4 = RECORDS OF SURVEY 140/47
R5 = RECORDS OF SURVEY 132/97-100
R6 = INSTRUMENT NO. 2010-0505003 RECORDED 10/21/2010
R7 = CALIFORNIA DEPT OF TRANSPORTATION MONUMENTATION MAP NO. 453680 (RIVERSIDE COUNTY MAP 205-234)
R8 = INSTRUMENT NO. 2009-0326343 RECORDED 06/26/2009

REV	DESCRIPTION	DATE

TENTATIVE PARCEL MAP 37220
FOR
VETERANS INDUSTRIAL PARK 215
EAST OF 215 FREEWAY
COUNTY OF RIVERSIDE

HUITT-ZOLLARS
HUITT-ZOLLARS, INC.
3990 CONCOURS, SUITE 330 • ONTARIO, CALIFORNIA 91764 • (909) 941-7799

APPROVED BY: JOHNNY MURAD	R.C.E. 67512	EXPIRES 6-30-17	DATE
DESIGNED BY JM/DW	DRAWN BY H-Z STAFF	CHECKED BY JM/DW	SHEET 1 OF 1 SHEETS
FIELD BOOK	JOB NO. 304153.01		

STANDARD JPA NOTES

1. ALL NEW OR EXISTING UTILITY LINES LESS THAN 69 KV ON OR CONTIGUOUS TO THE SITE SHALL BE INSTALLED OR RELOCATED UNDERGROUND.

2. ALL OUTDOOR STORAGE AREAS FOR MATERIALS AND EQUIPMENT SHALL BE FULLY SCREENED FROM VIEW.

3. S.E.S PANELS SHALL BE FULLY RECESSED INTO THE BUILDING ELEVATION OR SHALL BE SCREENED BY A DECORATIVE WALL OR LANDSCAPE EQUAL TO OR EXCEEDING THE HEIGHT OF THE S.E.S. PANEL. DESIGN PLANS SHALL NOTE THE TENTATIVE LOCATION OF ELECTRICAL UTILITY VAULTS. CONSTRUCTION PLANS SHALL IDENTIFY THE FINAL LOCATION OF UTILITY VAULTS.

4. ROOF-MOUNTED MECHANICAL EQUIPMENT SHALL BE FULLY SCREENED BY A PARAPET WALL. TO THE EXTENT PERMITTED BY LAW, SATELLITE DISHES SHALL BE FULLY SCREENED BY A PARAPET WALL. GROUND MOUNTED MECHANICAL EQUIPMENT SHALL BE FULLY SCREENED FROM PUBLIC VIEW BY A COMBINATION OF DECORATIVE WALLS AND DENSE LANDSCAPING.

5. ALL BACKFLOW PREVENTERS 2" OR LARGER SHALL BE SCREENED WITH LANDSCAPE LOCATED WITHIN A 5' RADIUS OF THE BACKFLOW PREVENTER. ALL BACKFLOW PREVENTERS LESS THAN 2" SHALL BE PLACED IN A WIRE MESH BASKET AND PAINTED TO MATCH THE PRIMARY BUILDING COLOR.

6. SITE LIGHTING SHALL BE LOW OR HIGH PRESSURE SODIUM, MAXIMUM 750-WATT, FULL CUT-OFF FIXTURES, WITH THE MAXIMUM LIGHT FIXTURE HEIGHT OF 25' ABOVE FINISHED GRADE AND A MAXIMUM LIGHTING LEVEL OF .5 CANDLE/FOOT AT THE PROPERTY LINE.

7. ALL FREESTANDING LIGHT POLES SHALL BE LOCATED WITHIN LANDSCAPED AREAS. SITE LIGHTING SHALL COMPLY WITH A MAXIMUM HEIGHT OF 25' FOR FREESTANDING OR BUILDING MOUNTED FIXTURES, AND SITE LIGHTING FIXTURES SHALL NOT EXCEED 750 WATTS AND SHALL BE FULL CUT-OFF TYPE HIGH PRESSURE SODIUM. FUTURE CONSTRUCTION PLANS SHALL INCLUDE A POINT-BY-POINT LIGHTING ANALYSIS AND CATALOG CUTS WILL BE REQUIRED. LIGHTING AT THE PERIMETER OF THE SITE IS RESTRICTED TO A MAXIMUM LIGHTING LEVEL OF 0.5 FOOT-CANDLES AT THE PROPERTY LINE.

8. CONCRETE LIGHT POLE BASES SHALL BE PAINTED TO MATCH THE PRIMARY BUILDING COLOR OR FINISHED TO MATCH PARKING SCREENING WALLS AND SHALL NOT EXCEED 24" ABOVE FINISHED GRADE IN AUTO PARKING AREAS.

9. FULL SCREENING OF ALL PARKING IS REQUIRED BY MOUNDING AND CONTOURING OF LANDSCAPED AREAS, BY LANDSCAPE SHRUB, BY SCREENING WALL OR BY A COMBINATION OF THESE TECHNIQUES.

10. BUILDING DOWNSPOUTS SHALL BE INTERNALIZED FOR OFFICE, COMMERCIAL AND MIXED USE DEVELOPMENTS. INDUSTRIAL AND BUSINESS PARK BUILDING ELEVATIONS WHICH ARE NOT VISIBLE FROM A PUBLIC RIGHT-OF-WAY MAY INCORPORATE EXPOSED DOWNSPOUTS.

11. ALL TRASH CONTAINERS SHALL BE ENCLOSED WITHIN A MASONRY SCREENING WALL WITH FULLY OPAQUE SCREENING GATES. SCREENING GATES SHALL NOT OPEN INTO VEHICULAR DRIVE AISLES. TRASH ENCLOSURES SHALL PROVIDE A LOCATION FOR THE COLLECTION OF RECYCLABLES CONSISTENT WITH WASTE MANAGEMENT REQUIREMENTS. TRASH ENCLOSURE GATES SHALL INCORPORATE A MINIMUM OF 50% OPACITY.

12. WITHIN COMMERCIAL, OFFICE AND MIXED-USE DEVELOPMENTS (NOT APPLICABLE TO THIS PROJECT), VEHICULAR ACCESS POINTS AND PEDESTRIAN ACCESS WAYS SHALL INCLUDE SPECIAL PAVING TREATMENT SUCH AS INTEGRAL COLORED STAMPED CONCRETE, BOMANITE, OR SIMILAR ALTERNATIVE. LOCATION AND MATERIAL SHALL BE REVIEWED AND APPROVED BY THE PLANNING DEPARTMENT STAFF PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. STAMPED AND/OR COLORED ASPHALT IS NOT PERMITTED.

13. ALL EXTERIOR METAL MUST BE FINISHED OR PAINTED TO MATCH THE APPROVED PROJECT COLORS.

14. ALL USES SHALL OPERATE IN A MANNER WHICH IS COMPATIBLE WITH THE NEARBY MARCH AIR RESERVE BASE/MARCH INLAND PORT. THE FOLLOWING ACTIVITIES SHALL BE PROHIBITED:

A. ANY USE WHICH WOULD DIRECT A STEADY LIGHT OR FLASHING LIGHT OF RED, WHITE, GREEN, OR AMBER COLORS ASSOCIATED WITH AIRPORT OPERATIONS TOWARD AN AIRCRAFT ENGAGED IN AN INITIAL STRAIGHT CLIMB FOLLOWING TAKEOFF OR TOWARD AN AIRCRAFT ENGAGED IN A STRAIGHT FINAL APPROACH TOWARD A LANDING AT AN AIRPORT, OTHER THAN AN FAA-APPROVED NAVIGATIONAL SIGNAL LIGHT OR VISUAL APPROACH SLOPE INDICATOR.

B. ANY USE WHICH WOULD CAUSE SUNLIGHT TO BE REFLECTED TOWARDS AN AIRCRAFT ENGAGED IN AN INITIAL STRAIGHT CLIMB FOLLOWING TAKEOFF OR TOWARD AN AIRCRAFT ENGAGED IN A STRAIGHT FINAL APPROACH TOWARD A LANDING AT AN AIRPORT.

C. ANY USE WHICH WOULD GENERATE SMOKE OR WATER VAPOR OR WOULD ATTRACT LARGE CONCENTRATIONS OF BIRDS, OR WHICH MAY OTHERWISE AFFECT SAFE AIR NAVIGATION WITHIN THE AREA.

D. ANY USE WHICH WOULD GENERATE ELECTRICAL INTERFERENCE THAT MAY BE DETRIMENTAL TO THE OPERATION OF AIRCRAFT AND/OR AIRCRAFT INSTRUMENTATION.

E. BUILDINGS WITHIN THE 65 CNEL NOISE CONTOUR WILL INCLUDE APPROPRIATE SOUND ATTENUATION (NOT APPLICABLE TO THIS PROJECT).

15. PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE TENANT SHALL RECEIVE APPROVAL OF A TRAFFIC DEMAND MANAGEMENT PLAN WHICH SHALL INCLUDE THE FOLLOWING ELEMENTS: IDENTIFICATION OF THE LOCATION OF A MINIMUM OF 30" X 42" WALL AREA FOR THE POSTING OF ALTERNATIVE TRANSPORTATION MODE INFORMATION INCLUDING FINANCIAL INCENTIVES BY RESPONSIBLE AGENCIES, TRANSIT SCHEDULES AND CARPOOLING INFORMATION.

16. PRIOR TO ISSUANCE OF THE PROJECT C OF O, EACH PROJECT SHALL PROVIDE A 4-SQ/FT SIGN IDENTIFYING THE APPROVED TRUCK ROUTE PLAN AT ALL SERVICE DRIVEWAY LOCATIONS.

17. ALL DESIGN AND CONSTRUCTION PLAN SUBMITTALS SHALL INCLUDE A DIAGRAMMATIC CALCULATION IDENTIFYING THE RELATIONSHIP OF SITE IMPROVEMENTS IN COMPLIANCE WITH FAA PART 77 AIRSPACE. ALL DEVELOPMENT REQUIRES APPROVAL OF A FAA FORM 7460-1 PRIOR TO THE ISSUANCE OF BUILDING PERMITS.

18. ALL CONSTRUCTION EQUIPMENT USED FOR CONSTRUCTION ACTIVITIES SHALL BE FITTED WITH EXHAUST MUFFLING AND NOISE CONTROL FILTER DEVICES TO REDUCE NOISE IMPACTS.

19. PRIOR TO THE ISSUANCE OF BUILDING PERMITS, ALL DEVELOPMENT IMPACT FEES SHALL BE PAID, INCLUDING TUMF, SCHOOL FEES, AND FIRE AND PUBLIC FACILITIES FEES.

20. IF ARCHAEOLOGICAL OR PALEONTOLOGICAL RESOURCES ARE ENCOUNTERED AT THE TIME OF GRADING OR PROJECT CONSTRUCTION, ALL PROJECT WORK IN THE AREA OF THE RESOURCE SHALL CEASE UNTIL THE AREA HAS BEEN SURVEYED BY A QUALIFIED ARCHAEOLOGIST OR PALEONTOLOGIST IN CONFORMANCE WITH THE CULTURAL RESOURCE MANAGEMENT PLAN.

LEGAL DESCRIPTION

THE LEGAL DESCRIPTION SHOWN HEREON HAS BEEN PREPARED BY THE SURVEYOR OF RECORD FOR THE PURPOSE OF DEPICTING THE AREA TO BE INCLUDED IN THIS SURVEY ONLY. SAID DESCRIPTION IS NOT TO BE USED FOR CONVEYANCE OF TITLE OF ANY NATURE.

THAT PORTION SECTIONS 25, 26, 35 AND 36, TOWNSHIP 3 SOUTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, SHOWN AS PARCEL 11 ON MAP FILED IN BOOK 110 PAGES 30 TO 40 INCLUSIVE, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°06'09" WEST 670.20 FEET IN THE EASTERLY BOUNDARY OF SAID PARCEL 11, SAID SOUTHERLY TERMINUS ALSO BEING A POINT ON THE NORTHERLY LINE OF PARCEL MAP NO. 2898, AS PER MAP FILED IN BOOK 37 PAGE 90, OF PARCEL MAPS IN THE OFFICE OF SAID RECORDER; THENCE ALONG SAID NORTHERLY LINE SOUTH 60°53'32" WEST 117.69 FEET; THENCE LEAVING SAID NORTHERLY LINE NORTH 30°09'25" WEST 124.78 FEET TO A LINE PARALLEL WITH 106.00 FEET NORTHERLY, MEASURED AT RIGHT ANGLES, FROM SAID NORTHERLY LINE; THENCE ALONG SAID PARALLEL LINE SOUTH 60°[illegible]'52" WEST 1955.75 FEET TO THE EASTERLY BOUNDARY OF CALIFORNIA STATE ROUTE 215, AS SHOWN ON CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTATION MAP 35960 ON FILE IN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION; THENCE ALONG SAID EASTERLY BOUNDARY NORTH 19°22'43" WEST 4209.32 FEET; THENCE LEAVING SAID EASTERLY BOUNDARY NORTH 77°53'09" EAST 150.23 FEET; THENCE SOUTH 17°[illegible]'02" EAST 24.72 FEET; THENCE NORTH 75°46'21" EAST 81.83 FEET; THENCE SOUTH 48°17'50" EAST 764.67 FEET, THENCE NORTH 52°14'06" EAST 614.61 FEET TO THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°07'27" WEST 35[illegible].50 FEET IN THE BOUNDARY OF THE "MARCH AIR RESERVE BASE" AS SHOWN ON MAP FILED IN BOOK 124 PAGES 59 TO 61 INCLUSIVE OF SAID RECORDS OF SURVEY; THENCE ALONG SAID LAST MENTIONED BOUNDARY AS FOLLOWS: SOUTH 30°0[illegible]'25" EAST 3507.87 FEET; THENCE SOUTH 49°48'50" WEST 73.50 FEET; THENCE SOUTH 36°57'49" EAST 421.43 FEET; THENCE SOUTH 30°06'29" EAST 670.22 FEET TO THE POINT OF BEGINNING.

CONTAINING 142.46 ACRES MORE OR LESS.

ZONING INFORMATION

GENERAL PLAN AMENDMENT: GPA 16-01
PLOT PLAN: PP-[illegible]-96
SPECIFIC PLAN – SP-16-02
TENTATIVE PARCEL MAP: TPM 16-96

GENERAL PLAN DESIGNATION: AVIATION
CURRENT ZONING: NO CURRENT ZONING
PROPOSED ZONING: SP – SPECIFIC PLAN OVERLAY
USE: LIGHT INDUSTRIAL / LOGISTICS

APN NUMBERS

294-050-003, 294-170-005, 294-160-030, 294-140-13 AND [illegible] 300-004.

NOTE:

1. A UNIFORM SIGNAGE PROGRAM WILL BE REQUIRED FOR ALL TENANTS

OVERALL PROJECT DATA

OVERALL GROSS SITE AREA:	6,205,558 SF / 142.46 AC
OVERALL STREET DEDICATION:	596,412 SF / 14.81 AC
OVERALL NET SITE AREA:	5,609,146 SF / 127.65 AC
SITE AREA BUILDING 1	2,523,893 SF / 57.47 AC
[illegible]	3,085,253 SF / 70.83 AC
BUILDING AREA:	
BUILDING 1 FOOTPRINT	1,014,073 SF
BUILDING 2 FOOTPRINT	1,170,795 SF
MEZZANINE AREA	00 SF
TOTAL	2,184,868 SF
NET LOT COVERAGE:	38.23 %
NET F.A.R. COVERAGE:	38.23 %
PARKING REQUIRED:	
25,000 SF OFFICE @ 1/1000 (1:500 SF)	49 STALLS
0 - 50,000 SF @ 1/1000 (1/1,000 SF)	50 STALLS
50,000 - 200,000 SF @ 1/3/1000 (1/3,000 SF)	50 STALLS
200,000 SF + @ [illegible] (1/5,000 SF)	397 STALLS
TOTAL STALLS REQUIRED	517 STALLS
AUTO PARKING PROVIDED:	
STANDARD STALLS	157 STALLS
ACCESSIBLE STALLS	17 STALLS
CARPOOL STALLS (5% MIN)	41 STALLS
TOTAL STALLS PROVIDED	913 STALLS
BIKE PARKING:	
REQUIRED @ 1/20 AUTO STALLS	41 SPACES
PROVIDED	41 SPACES
LOADING DOCK POSITIONS	
BUILDING 1	182 DOCKS
BUILDING 2	193 DOCKS
TOTAL LOADING POSITIONS	375 STALLS
TRUCK TRAILER STALLS 12' X 53'	
BUILDING 1	370 TRAILERS
BUILDING 2	575 TRAILERS
TOTAL TRAILER POSITIONS	945 TRAILERS
LANDSCAPE AREA PROVIDED	
BUILDING 1	425,492 SF / 17.04 %
BUILDING 2	612,468 SF / 19.92 %
TOTAL LANDSCAPE PROVIDED	1,037,960 SF / 18.53 %
MINIMUM SETBACKS REQUIRED	
FRONT BUILDING	20'
FRONT LANDSCAPE	20'
SIDE BUILDING	0'
SIDE LANDSCAPE	5'
REAR BUILDING	20'
REAR LANDSCAPING	5'

OVERALL MASTER SITE PLAN

SCALE: 1" = 200'-0"

0' 50' 100' 200' 500'

RGA

CONSULTANT

PROFESSIONAL SEALS

VETERANS INDUSTRIAL PARK 215

MJPA, COUNTY OF RIVERSIDE, CA

HILLWOOD
A PEROT COMPANY

RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE, SUITE 175
ONTARIO, CA 91764
909-382-0033 PH
909-382-0073 FAX

MARK	DATE	DESCRIPTION
CD		
BID		
PC		
DD		
SD	7/25/19	SCHEMATIC DESIGN

RGA PROJECT NO:	14149-00
OWNER PROJECT NO:	00000.00
CAD FILE NAME:	14149-00-A1-1P
DRAWN BY:	MB
CHCKD BY:	DR

COPYRIGHT
RGA, OFFICE OF ARCHITECTURAL DESIGN

SHEET TITLE
OVERALL MASTER PLAN

SHEET: A1-1P

STANDARD JPA NOTES

1. ALL NEW OR EXISTING UTILITY LINES LESS THAN [illegible] KV ON OR CONTIGUOUS TO THE SITE SHALL BE INSTALLED OR RELOCATED UNDERGROUND.

2. ALL OUTDOOR STORAGE AREAS FOR MATERIALS AND EQUIPMENT SHALL BE FULLY SCREENED FROM VIEW.

3. S.E.S PANELS SHALL BE FULLY RECESSED INTO THE BUILDING ELEVATION OR SHALL BE SCREENED BY A DECORATIVE WALL OR LANDSCAPE EQUAL TO OR EXCEEDING THE HEIGHT OF THE S.E.S. PANEL. DESIGN PLANS SHALL NOTE THE TENTATIVE LOCATION OF ELECTRICAL UTILITY VAULTS. CONSTRUCTION PLANS SHALL IDENTIFY THE FINAL LOCATION OF UTILITY VAULTS.

4. ROOF-MOUNTED MECHANICAL EQUIPMENT SHALL BE FULLY SCREENED BY A PARAPET WALL. TO THE EXTENT PERMITTED BY LAW, SATELLITE DISHES SHALL BE FULLY SCREENED BY A PARAPET WALL. GROUND MOUNTED MECHANICAL EQUIPMENT SHALL BE FULLY SCREENED FROM PUBLIC VIEW BY A COMBINATION OF DECORATIVE WALLS AND DENSE LANDSCAPING.

5. ALL BACKFLOW PREVENTERS 2" OR LARGER SHALL BE SCREENED WITH LANDSCAPE LOCATED WITHIN A 6' RADIUS OF THE BACKFLOW PREVENTER. ALL BACKFLOW PREVENTERS LESS THAN 2" SHALL BE PLACED IN A WIRE MESH CABINET AND PAINTED TO MATCH THE PRIMARY BUILDING COLOR.

6. SITE LIGHTING SHALL BE LOW OR HIGH PRESSURE SODIUM, MAXIMUM 750-WATT, FULL CUT-OFF FIXTURES, WITH THE MAXIMUM LIGHT FIXTURE HEIGHT OF 25' ABOVE FINISHED GRADE AND A MAXIMUM LIGHTING LEVEL OF 8 CANDLE/FOOT AT THE PROPERTY LINE.

7. ALL FREESTANDING LIGHT POLES SHALL BE LOCATED WITHIN LANDSCAPED AREAS. SITE LIGHTING SHALL COMPLY WITH A MAXIMUM HEIGHT OF 25' FOR FREESTANDING OR BUILDING MOUNTED FIXTURES, AND SITE LIGHTING FIXTURES SHALL NOT EXCEED 750 WATTS AND SHALL BE FULL CUT-OFF TYPE HIGH PRESSURE SODIUM. FUTURE CONSTRUCTION PLANS SHALL INCLUDE A POINT-BY-POINT LIGHTING ANALYSIS AND CATALOG CUTS WILL BE REQUIRED. LIGHTING AT THE PERIMETER OF THE SITE IS RESTRICTED TO A MAXIMUM LIGHTING LEVEL OF 0.5 FOOT-CANDLES AT THE PROPERTY LINE.

8. CONCRETE LIGHT POLE BASES SHALL BE PAINTED TO MATCH THE PRIMARY BUILDING COLOR OR FINISHED TO MATCH PARKING SCREENING WALLS AND SHALL NOT EXCEED 24" ABOVE FINISHED GRADE IN AUTO PARKING AREAS.

9. FULL SCREENING OF ALL PARKING IS REQUIRED BY MOUNDING AND CONTOURING OF LANDSCAPED AREAS BY LANDSCAPE SHRUB, BY SCREENING WALL OR BY A COMBINATION OF THESE TECHNIQUES.

10. BUILDING DOWNSPOUTS SHALL BE INTERNALIZED FOR OFFICE, COMMERCIAL AND MIXED USE DEVELOPMENTS. INDUSTRIAL AND BUSINESS PARK BUILDING ELEVATIONS WHICH ARE NOT VISIBLE FROM A PUBLIC RIGHT-OF-WAY MAY INCORPORATE EXPOSED DOWNSPOUTS.

11. ALL TRASH CONTAINERS SHALL BE ENCLOSED WITHIN A MASONRY SCREENING WALL WITH FULLY OPAQUE SCREENING GATES. SCREENING GATES SHALL NOT OPEN INTO VEHICULAR DRIVE AISLES. TRASH ENCLOSURES SHALL PROVIDE A LOCATION FOR THE COLLECTION OF RECYCLABLES CONSISTENT WITH WASTE MANAGEMENT REQUIREMENTS. TRASH ENCLOSURE GATES SHALL INCORPORATE A MINIMUM OF 60% OPACITY.

12. WITHIN COMMERCIAL, OFFICE AND MIXED-USE DEVELOPMENTS (NOT APPLICABLE TO THIS PROJECT), VEHICULAR ACCESS POINTS AND PEDESTRIAN ACCESS WAYS SHALL INCLUDE SPECIAL PAVING TREATMENT SUCH AS INTEGRAL COLORED STAMPED CONCRETE, BOMANITE, OR SIMILAR ALTERNATIVE. LOCATION AND MATERIAL SHALL BE REVIEWED AND APPROVED BY THE PLANNING DEPARTMENT STAFF PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. STAMPED AND/OR COLORED ASPHALT IS NOT PERMITTED.

13. ALL EXTERIOR METAL MUST BE FINISHED OR PAINTED TO MATCH THE APPROVED PROJECT COLORS.

14. ALL USES SHALL OPERATE IN A MANNER WHICH IS COMPATIBLE WITH THE [illegible] MARCH AIR RESERVE BASE/MARCH INLAND PORT. THE FOLLOWING ACTIVITIES SHALL BE PROHIBITED:

A. ANY USE WHICH WOULD DIRECT A STEADY LIGHT OR FLASHING LIGHT OF RED, WHITE, GREEN, OR AMBER COLORS ASSOCIATED WITH AIRPORT OPERATIONS TOWARD AN AIRCRAFT ENGAGED IN AN INITIAL STRAIGHT CLIMB FOLLOWING TAKEOFF OR TOWARD AN AIRCRAFT ENGAGED IN A STRAIGHT FINAL APPROACH TOWARD A LANDING AT AN AIRPORT, OTHER THAN AN FAA-APPROVED NAVIGATIONAL SIGNAL LIGHT OR VISUAL APPROACH SLOPE INDICATOR.

B. ANY USE WHICH WOULD CAUSE SUNLIGHT TO BE REFLECTED TOWARDS AN AIRCRAFT ENGAGED IN AN INITIAL STRAIGHT CLIMB FOLLOWING TAKEOFF OR TOWARD AN AIRCRAFT ENGAGED IN A STRAIGHT FINAL APPROACH TOWARD A LANDING AT AN AIRPORT.

C. ANY USE WHICH WOULD GENERATE SMOKE OR WATER VAPOR OR WOULD ATTRACT LARGE CONCENTRATIONS OF BIRDS, OR WHICH MAY OTHERWISE AFFECT SAFE AIR NAVIGATION WITHIN THE AREA.

D. ANY USE WHICH WOULD GENERATE ELECTRICAL INTERFERENCE THAT MAY BE DETRIMENTAL TO THE OPERATION OF AIRCRAFT AND/OR AIRCRAFT INSTRUMENTATION.

E. BUILDINGS WITHIN THE 65CNEL NOISE CONTOUR WILL INCLUDE APPROPRIATE SOUND ATTENUATION (NOT APPLICABLE TO THIS PROJECT).

15. PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE TENANT SHALL RECEIVE APPROVAL OF A TRAFFIC DEMAND MANAGEMENT PLAN WHICH SHALL INCLUDE THE FOLLOWING ELEMENTS: IDENTIFICATION OF THE LOCATION OF A MINIMUM OF 30" X 42" WALL AREA FOR THE POSTING OF ALTERNATIVE TRANSPORTATION MODE INFORMATION INCLUDING FINANCIAL INCENTIVES BY RESPONSIBLE AGENCIES, TRANSIT SCHEDULES AND CARPOOLING INFORMATION.

16. PRIOR TO ISSUANCE OF THE PROJECT C OF O, EACH PROJECT SHALL PROVIDE A 6-SQFT SIGN IDENTIFYING THE APPROVED TRUCK ROUTE PLAN AT ALL SITE DRIVEWAY LOCATIONS.

17. ALL DESIGN AND CONSTRUCTION PLAN SUBMITTALS SHALL INCLUDE A DIAGRAMMATIC CALCULATION IDENTIFYING THE RELATIONSHIP OF SITE IMPROVEMENTS IN COMPLIANCE WITH FAA PART 77 AIRSPACE. ALL DEVELOPMENT REQUIRES APPROVAL OF A FAA FORM 7460-1 PRIOR TO THE ISSUANCE OF BUILDING PERMITS.

18. ALL CONSTRUCTION EQUIPMENT USED FOR CONSTRUCTION ACTIVITIES SHALL BE FITTED WITH EXHAUST MUFFLING AND NOISE CONTROL FILTER DEVICES TO REDUCE NOISE IMPACTS.

19. PRIOR TO THE ISSUANCE OF BUILDING PERMITS, ALL DEVELOPMENT IMPACT FEES SHALL BE PAID, INCLUSIVE OF DIF, SCHOOL FEES, AND FIRE AND PUBLIC FACILITIES FEES.

20. IF ARCHAEOLOGICAL OR PALEONTOLOGICAL RESOURCES ARE ENCOUNTERED AT THE TIME OF GRADING OR PROJECT CONSTRUCTION, ALL PROJECT WORK IN THE AREA OF THE RESOURCE SHALL CEASE UNTIL THE AREA HAS BEEN SURVEYED BY A QUALIFIED ARCHAEOLOGIST OR PALEONTOLOGIST IN CONFORMANCE WITH THE CULTURAL RESOURCE MANAGEMENT PLAN.

LEGAL DESCRIPTION

THE LEGAL DESCRIPTION SHOWN HEREON HAS BEEN PREPARED BY THE SURVEYOR OF RECORD FOR THE PURPOSE OF DEPICTING THE AREA TO BE INCLUDED IN THIS SURVEY ONLY. SAID DESCRIPTION IS NOT TO BE USED FOR CONVEYANCE OF TITLE OF ANY NATURE.

THAT PORTION SECTIONS 25, 26, 35 AND 36, TOWNSHIP 3 SOUTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, SHOWN AS PARCEL 11 ON MAP FILED IN BOOK 110 PAGES 30 TO 40 INCLUSIVE, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER, OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°06'59" WEST 670.29 FEET IN THE EASTERLY BOUNDARY OF SAID PARCEL 11, SAID SOUTHERLY TERMINUS ALSO BEING A POINT ON THE NORTHERLY LINE OF PARCEL MAP NO. 8696, AS PER MAP FILED IN BOOK 37 PAGE 90, OF PARCEL MAPS IN THE OFFICE OF SAID RECORDER; THENCE ALONG SAID NORTHERLY LINE SOUTH 89°53'52" WEST 117.65 FEET; THENCE LEAVING SAID NORTHERLY LINE NORTH 30°09'25" WEST 124.78 FEET TO A LINE PARALLEL WITH 108.00 FEET NORTHERLY, MEASURED AT RIGHT ANGLES, FROM SAID NORTHERLY LINE; THENCE ALONG SAID PARALLEL LINE SOUTH 89°53'52" WEST 1958.75 FEET TO THE EASTERLY BOUNDARY OF CALIFORNIA STATE ROUTE 215, AS SHOWN ON CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTATION MAP 45880 ON FILE IN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION; THENCE ALONG SAID EASTERLY BOUNDARY NORTH 10°22'43" WEST 4209.32 FEET; THENCE LEAVING SAID EASTERLY BOUNDARY NORTH 77°53'06" EAST 120.23 FEET; THENCE SOUTH 17°20'02" EAST 24.79 FEET; THENCE NORTH 73°40'21" EAST 81.83 FEET; THENCE SOUTH 45°37'50" EAST 758.87 FEET; THENCE NORTH 52°14'06" EAST 614.81 FEET TO THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°07'27" WEST 3507.80 FEET IN THE BOUNDARY OF THE "MARCH AIR RESERVE BASE" AS SHOWN ON MAP FILED IN BOOK 124 PAGES 69 TO 81 INCLUSIVE OF SAID RECORDS OF SURVEY; THENCE ALONG SAID LAST MENTIONED BOUNDARY AS FOLLOWS: SOUTH 30°07'25" EAST 3507.87 FEET; THENCE SOUTH 49°45'59" WEST 73.50 FEET; THENCE SOUTH 30°57'49" EAST 431.43 FEET; THENCE SOUTH 30°06'29" EAST 670.22 FEET TO THE POINT OF BEGINNING.

CONTAINING 142.48 ACRES MORE OR LESS.

ZONING INFORMATION

GENERAL PLAN AMENDMENT: GPA 16-01
PLOT PLAN: PP-16-03
SPECIFIC PLAN - SP-16-03
TENTATIVE PARCEL MAP: TPM 16-05

GENERAL PLAN DESIGNATION: AVIATION
CURRENT ZONING: NO CURRENT ZONING
PROPOSED ZONING: SP - SPECIFIC PLAN OVERLAY
USE: LIGHT INDUSTRIAL / LOGISTICS

APN NUMBERS

294-150-009, 294-170-006, 294-160-01[illegible], 294-140-13 AND 294-[illegible]0-006

NOTE:

1. A UNIFORM SIGNAGE PROGRAM WILL BE REQUIRED FOR ALL TENANTS.

PROJECT DATA - BUILDING 1

NET SITE AREA	2,503,[illegible] SF / 57.47 AC
BUILDING AREA:	
OFFICE AREA	15,000 SF
WAREHOUSE AREA	999,822 SF
TOTAL	1,014,822 SF
NET LOT COVERAGE:	40.[illegible] %
NET F.A.R. COVERAGE:	40.5[illegible] %
PARKING REQUIRED:	
15,000 SF OFFICE ([illegible]/1000 SF)	60 STALLS
[illegible]	50 STALLS
50,000 - 200,000 SF [illegible]	60 STALLS
[illegible] SF + [illegible]	[illegible] STALLS
TOTAL STALLS REQUIRED	[illegible] STALLS
AUTO PARKING PROVIDED:	
STANDARD STALLS	4[illegible] STALLS
ACCESSIBLE STALLS	14 STALLS
CARPOOL STALLS / EV CHARGING STALLS (10% MIN)	4[illegible] STALLS
TOTAL STALLS PROVIDED	481 STALLS
BIKE PARKING:	
REQUIRED @ 1:20 AUTO STALLS	[illegible] SPACES
PROVIDED	[illegible] SPACES
LOADING DOCK POSITIONS	152 DOCKS
TRUCK TRAILER STALLS 12' X 53'	270 TRAILERS
LANDSCAPE AREA PROVIDED	425,492 SF / 17.04 %
MINIMUM SETBACKS REQUIRED:	
FRONT BUILDING	30'
FRONT LANDSCAPE	30'
SIDE BUILDING	0'
SIDE LANDSCAPE	0'
REAR BUILDING	25'
REAR LANDSCAPING	5'

UTILITY PROVIDERS

ELECTRICAL:	EDISON
WATER/SEWER:	WESTERN MUNICIPAL WATER DISTRICT
TELEPHONE	FRONTIER
GAS:	SOUTHERN CALIFORNIA GAS
CABLE:	SPECTRUM

KEYNOTES

1. PAINTED CONCRETE TILT-UP WAREHOUSE / OFFICE / MANUFACTURING FACILITY.
2. SHADED AREA: PROPOSED IRRIGATED LANDSCAPING PER GUIDELINES WITH MIN 6" CONCRETE CURB AT ALL INTERIOR PERIMETERS.
3. PAINTED CONCRETE TRASH AND RECYCLE BIN ENCLOSURE MIN. 6'-0" HIGH. ONE BIN IS DEDICATED FOR TRASH, AND ONE BIN FOR RECYCLE PRODUCTS. TRASH ENCLOSURES ARE WITHIN THE SCREENED TRUCK COURT.
4. TYPICAL STANDARD PARKING STALL MIN. 9' X 18' (OR 16' + 2' O. [illegible]) - STRIPE PER STANDARDS.
5. WATER QUALITY BASIN. SEE CIVIL DRAWINGS.
6. STRIPE MINIMUM 5[illegible] OF STALLS AS CARPOOL STALLS AND STRIPE MINIMUM [illegible] FOR ELECTRIC VEHICLES, ([illegible]) TOTAL.
7. 12'-0" PAINTED CONCRETE SCREEN WALL WITH STEEL PICKET ROLLING GATE. ALL SITE GATES WILL HAVE KNOX BOXES TO ALLOW FOR FIRE DEPARTMENT ACCESS. GATES SHALL PROVIDE [illegible] OPACITY.
8. ACCESSIBLE BUILDING ENTRY WITH ADJACENT BICYCLE RACKS NOT ENCROACHING INTO THE PEDESTRIAN PATHS.
9. CONCRETE PAVED FORKLIFT RAMP.
10. CONCRETE PAVED TRUCK YARD.
11. ON SITE ACCESSIBLE SIDEWALK AND CURB RAMPS. SIDEWALK TO BE 8' WIDE IN FRONT OF AUTO STALLS AND 5' WIDE ELSEWHERE.
12. NEW CURB CUT PER STANDARDS.
13. GUARD SHACK PAINTED TO MATCH BUILDING.
14. EXISTING FENCING OR ADJOINING PROPERTY.
15. 12'-0" PAINTED CONCRETE SCREEN WALL. SEE ELEVATIONS.
16. LIGHTING ALONG INTERIOR PROPERTY LINES AND FREEWAY PROPERTY LINES SHALL BE DESIGNED TO MINIMIZE LIGHT SPILLAGE ONTO ADJOINING PROPERTIES.
17. 6'-0" TUBULAR STEEL PICKET FENCE.
18. LUNCH PATIO AREA WITH CONCRETE WALK AND LANDSCAPING.
19. ENTRY SIGNAGE LOCATION. UNIFORM SIGNAGE PROGRAM TO BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.

BUILDING 1 SITE PLAN
SCALE: 1" = 100'-0"

VICINITY MAP

RGA

CONSULTANT

PROFESSIONAL SEALS

VETERANS INDUSTRIAL PARK 215

MJPA,
COUNTY OF RIVERSIDE, CA

HILLWOOD
A PEROT COMPANY

RIVERSIDE INLAND DEVELOPMENT, LLC
901 VIA PIEMONTE, SUITE 175
ONTARIO, CA 91764
909-382-0033 PH
909-382-0073 FAX

CD		
BID		
PC		
DD		
SD	4/6/18	SCHEMATIC DESIGN
MARK	DATE	DESCRIPTION

RGA PROJECT NO:	14145-00
OWNER PROJECT NO:	00.00.00
CAD FILE NAME:	14145-00-1A1-[illegible]
DRAWN BY:	ND
CHK'D BY:	DR

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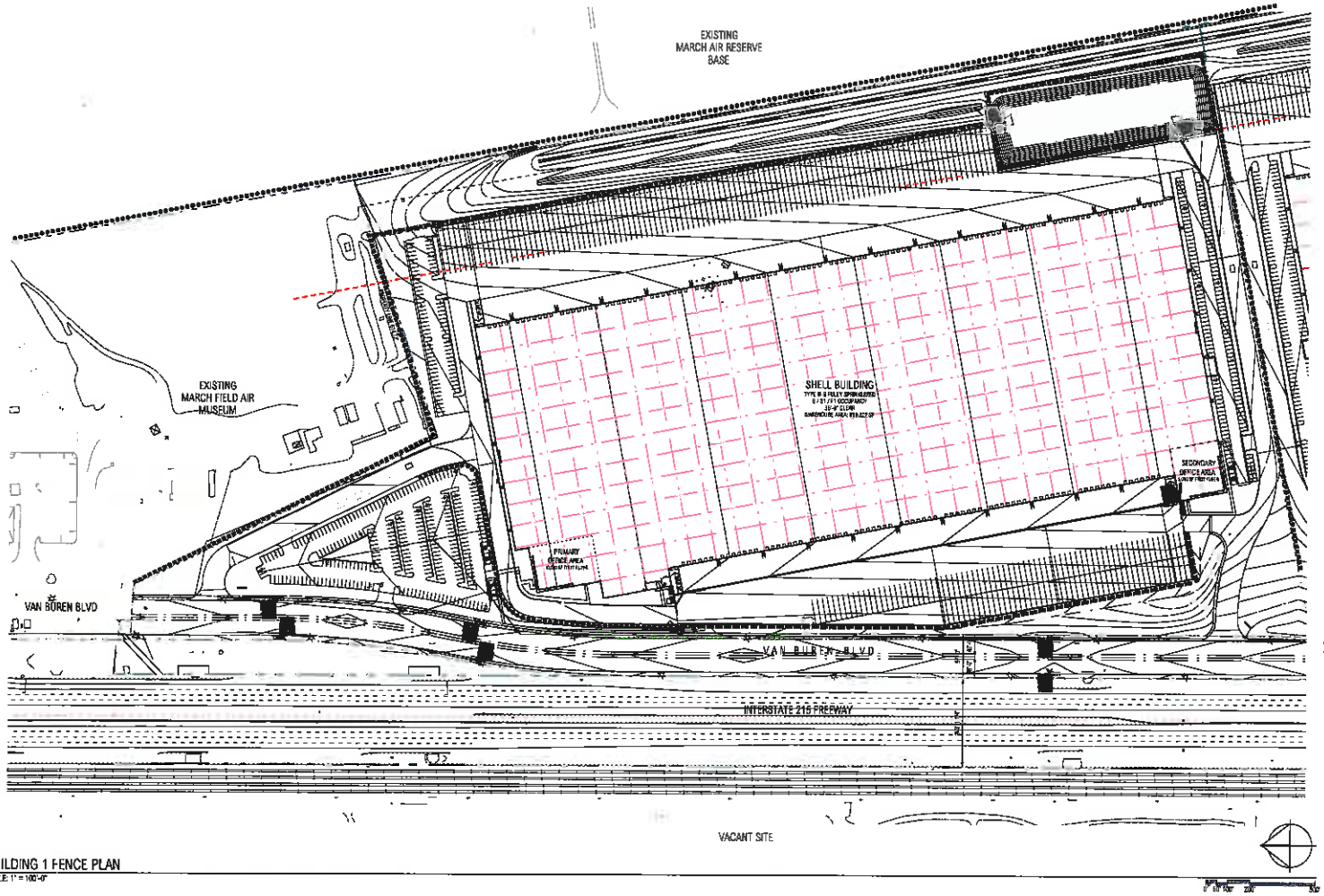
RGA, OFFICE OF ARCHITECTURAL DESIGN

SHEET TITLE
BUILDING 1 SITE PLAN

SHEET: 1A1-1P



BUILDING 1 FENCE PLAN
SCALE: 1" = 100'-0"

SCREENING LEGEND

EXISTING CHAIN LINK FENCE TO REMAIN

NEW 6'-0" HIGH CHAINLINK TAKE 3 STRAND. SECURITY FENCING (FAA SPECIFICATION AS APPLIANT BY THE MARCH AIR RESERVE BASE.

6'-0" BLACK PAINTED TUBULAR STEEL PICKET FENCE.

12'-0" PAINTED CONCRETE SCREEN WALL PIONT AND REVEALS

VICINITY MAP

RGA

PROFESSIONAL SEALS

VETERANS INDUSTRIAL PARK 215

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COUNTY OF RIVERSIDE, CA

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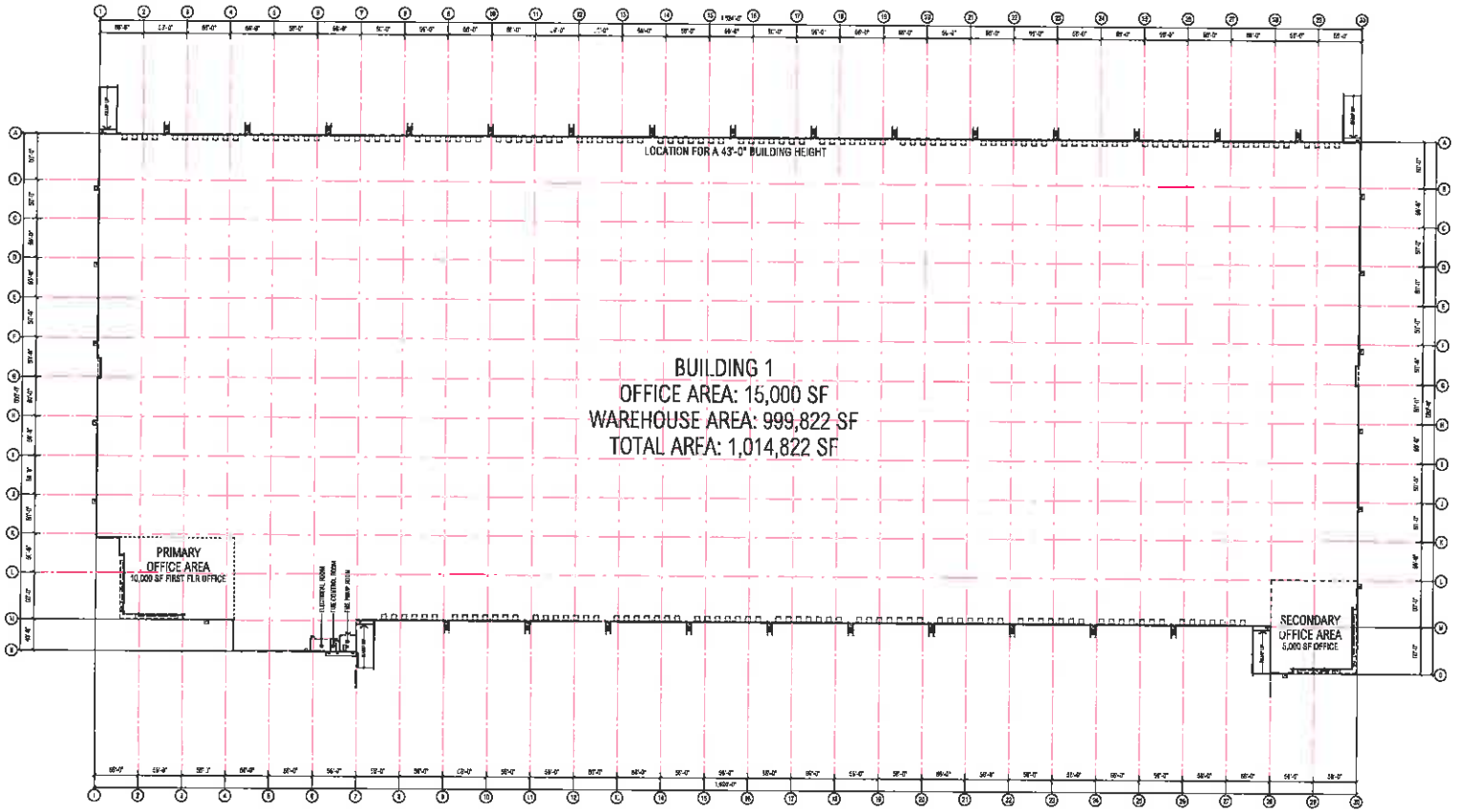
MARK	DATE	DESCRIPTION
CD		
BID		
PC		
DD		
SD	9/15/14	SCHEMATIC DESIGN

RGA PROJECT NO:	14145-00
OWNER PROJECT NO:	80.00.00
CAD FILE NAME:	14145-00-1A1-2P
DRAWN BY:	MG
CHKD BY:	DB
COPYRIGHT	
REPLACEMENT OF ARCHITECTURAL DESIGN	
SHEET TITLE	

BUILDING 1 FENCE PLAN

SHEET: 1A1-2P



BUILDING 1 FLOOR PLAN

SCALE: 1" = 60'-0"

RGA

VETERANS INDUSTRIAL PARK 215

MJPA,
COUNTY OF RIVERSIDE, CA

HILLWOOD
A PERLOT COMPANY

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3611 VIA PIEMONTE, SUITE 175
ONTARIO, CA 91764
909-732-6023 PH
909-382-0079 FAX

CD		
BID		
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IDR		
SD	8/15/18	SCHEMATIC DESIGN
MARK	DATE	DESCRIPTION

RGA PROJECT NO:	14946.02
OWNER PROJECT NO:	00000.00
CAD FILE NAME:	14946.02-1A2-1P
DRAWN BY:	MG
CHKD BY:	DR
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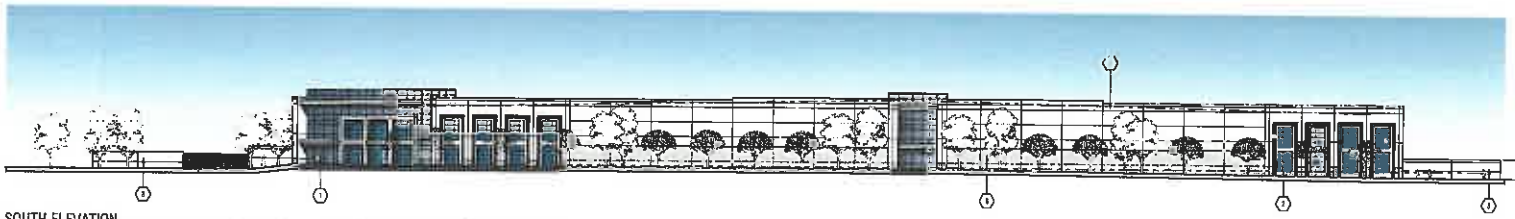
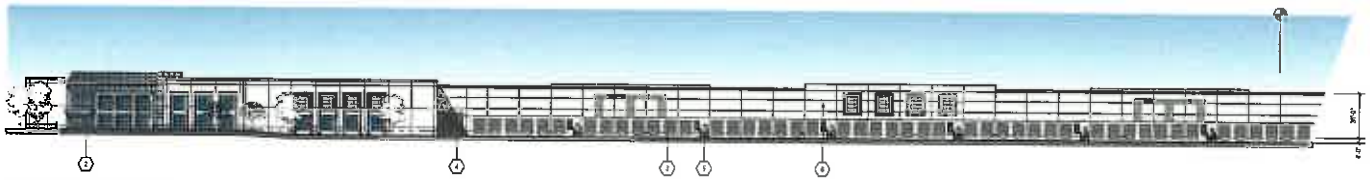
SHEET TITLE

BUILDING 1 - FLOOR PLAN

SHEET: 1A2-1P

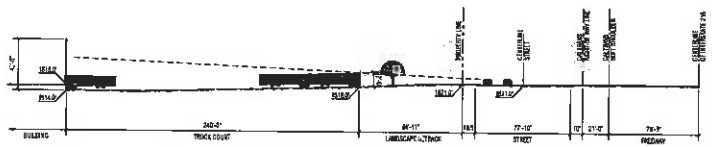


SOUTH ELEVATION

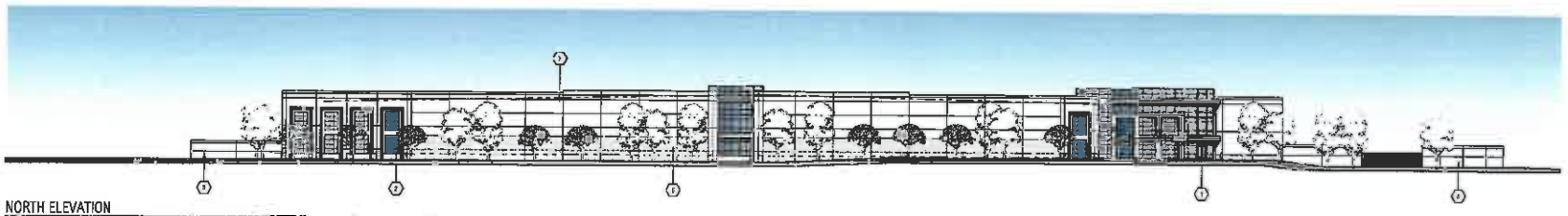


PARTIAL WEST ELEVATION

PARTIAL WEST ELEVATION



SITE LINE OF SIGHT SECTION ON VAN BUREN LOOKING EAST



NORTH ELEVATION

KEYNOTES

1. PRIMARY ACCESSIBLE BUILDING ENTRY
2. BLUE GLAZING IN CLEAR ANODIZED ALUMINUM STOREFRONT
3. PAINTED ROCK HIGH TRUCK LOADING DOOR
4. PAINTED 6'-10" X 14'-0" LEVEL 1-HR ACCESS DOOR DOOR
5. 3'-0" X 7' PAINTED METAL MAN DOOR
6. PAINTED CONCRETE TILT-UP BUILDING WALL PANEL WITH REVEAL SCORES
7. ROOF LINE BEHIND PARAPET. ROOF MOUNTED CANOPY HVAC EQUIPMENT SHALL BE HIDDEN FROM VIEW OF ADJACENT ROADWAY STREETS.
8. PAINTED CONCRETE TILT-UP BUILDING WALL WITH REVEAL SCORES.

FINISH SCHEDULE

1. FIELD COLOR - 1C3 (MEASURED MOMENT AREA)
2. ACCENT COLOR - 1C1 FOSSIL GREY AREA
3. ACCENT COLOR - 1C1 LAB-CAUX CAVE AREA
4. ACCENT COLOR - 1C3 COURTYARD STONE AREA
5. GLAZING - SEE KEYNOTE 8 - PPG SOLARCOOL PACIFICA REFLECTIVE 42.

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VETERANS INDUSTRIAL PARK 215

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ONTARIO, CA 91764
909-382-0033 PH
909-382-0073 FAX

MARK	DATE	DESCRIPTION
SD	7/25/16	SCHEMATIC DESIGN

RGA PROJECT NO.	14161-00
OWNER PROJECT NO.	00006-00
CAD FILE NAME	14161-00-1A3-1P
DRAWN BY:	MG
CHKD BY:	DR

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SHEET TITLE
CONCEPTUAL ELEVATIONS

SHEET 1A3-1P

PARTIAL EAST SCREEN-WALL ELEVATION

PARTIAL EAST SCREEN-WALL ELEVATION

PARTIAL WEST SCREEN-WALL ELEVATION

PARTIAL WEST SCREEN-WALL ELEVATION

OVERALL WEST SCREEN-WALL ELEVATION

KEYNOTES

1 PRIMARY ACCESSIBLE BUILDING ENTRY
2 BLUE GLAZING IN CLEAR ANODIZED ALUMINUM STOREFRONT
3 PAINTED DOCK HIGH TRUCK LOADING DOOR
4 PAINTED GRADE LEVEL VAN ACCESS DOOR DOOR
5 3' X 7' PAINTED METAL MAN DOOR
6 PAINTED CONCRETE TILT-UP BUILDING WALL PANEL WITH REVEAL SCORES
7 ROOF LINE BEHIND PARAPET. ROOF MOUNTED OFFICE HVAC EQUIPMENT SHALL BE HIDDEN FROM VIEW OF ADJACENT ROADWAYS / STREETS
8 PAINTED CONCRETE TILT-UP SCREEN WALL WITH REVEAL SCORES

FINISH SCHEDULE

1 FIELD COLOR - ICI TREASURED MOMENT A1949
2 ACCENT COLOR - ICI FOSSIL GREY A1606
3 ACCENT COLOR - ICI LAS CANADA CAVE A1852
4 ACCENT COLOR - ICI COURTYARD STONE A1874
5 GLAZING - SEE KEYNOTE 5 - PPG SOLARCOOL PACIFICA REFLECTIVE #2

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ONTARIO, CA 91764
909-382-0033 PH
909-382-0073 FAX

MARK	DATE	DESCRIPTION
BID		
PC		
DD		
SD	7/25/06	SCHEMATIC DESIGN

RGA PROJECT NO:	04109-06
OWNER PROJECT NO:	33060-00
CAD FILE NAME:	14061-00-1A3-2
DRAWN BY:	MG
CHKD BY:	DR

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SHEET TITLE

CONCEPTUAL ELEVATIONS

SHEET 1A3-2P

STANDARD JPA NOTES

1. ALL NEW OR EXISTING UTILITY LINES LESS THAN 50 KV ON OR CONTIGUOUS TO THE SITE SHALL BE INSTALLED OR RELOCATED UNDERGROUND.

2. ALL OUTDOOR STORAGE AREAS FOR MATERIALS AND EQUIPMENT SHALL BE FULLY SCREENED FROM VIEW.

3. S.E.S PANELS SHALL BE FULLY RECESSED INTO THE BUILDING ELEVATION OR SHALL BE SCREENED BY A DECORATIVE WALL OR LANDSCAPE BERM TO OR EXCEEDING THE HEIGHT OF THE S.E.S. PANEL. DESIGN PLANS SHALL NOTE THE TENTATIVE LOCATION OF ELECTRICAL UTILITY VAULTS. CONSTRUCTION PLANS SHALL IDENTIFY THE FINAL LOCATION OF UTILITY VAULTS.

4. ROOF-MOUNTED MECHANICAL EQUIPMENT SHALL BE FULLY SCREENED BY A PARAPET WALL. TO THE EXTENT PERMITTED BY LAW, SATELLITE DISHES SHALL BE FULLY SCREENED BY A PARAPET WALL. GROUND MOUNTED MECHANICAL EQUIPMENT SHALL BE FULLY SCREENED FROM PUBLIC VIEW BY A COMBINATION OF DECORATIVE WALLS AND DENSE LANDSCAPING.

5. ALL BACKFLOW PREVENTERS 2" OR LARGER SHALL BE SCREENED WITH LANDSCAPE LOCATED WITHIN A 5' RADIUS OF THE BACKFLOW PREVENTER. ALL BACKFLOW PREVENTERS LESS THAN 2" SHALL BE PLACED IN A WIRE MESH BASKET AND PAINTED TO MATCH THE PRIMARY BUILDING COLOR.

6. SITE LIGHTING SHALL BE LOW OR HIGH PRESSURE SODIUM, MAXIMUM 750-WATT, FULL CUT-OFF FIXTURES, WITH THE MAXIMUM LIGHT FIXTURE HEIGHT OF 35' ABOVE FINISHED GRADE AND A MAXIMUM LIGHTING LEVEL OF .5 CANDLE FOOT AT THE PROPERTY LINE.

7. ALL FREESTANDING LIGHT POLES SHALL BE LOCATED WITHIN LANDSCAPED AREAS. SITE LIGHTING SHALL COMPLY WITH A MAXIMUM HEIGHT OF 25' FOR FREESTANDING OR BUILDING MOUNTED FIXTURES, AND SITE LIGHTING FIXTURES SHALL NOT EXCEED 750 WATTS AND SHALL BE FULL CUT-OFF TYPE HIGH PRESSURE SODIUM. FUTURE CONSTRUCTION PLANS SHALL INCLUDE A POINT-BY-POINT LIGHTING ANALYSIS AND CATALOG CUTS WILL BE REQUIRED. LIGHTING AT THE PERIMETER OF THE SITE IS RESTRICTED TO A MAXIMUM LIGHTING LEVEL OF 0.5 FLOOT-CANDLES AT THE PROPERTY LINE.

8. CONCRETE LIGHT POLE BASES SHALL BE PAINTED TO MATCH THE PRIMARY BUILDING COLOR OR FINISHED TO MATCH PARKING SCREENING WALLS AND SHALL NOT EXCEED 24" ABOVE FINISHED GRADE IN AUTO PARKING AREAS.

9. FULL SCREENING OF ALL PARKING IS REQUIRED BY MOUNDING AND CONTOURING OF LANDSCAPED AREAS, BY LANDSCAPE SHRUBS, BY SCREENING WALL, OR BY A COMBINATION OF THESE TECHNIQUES.

10. BUILDING DOWNSPOUTS SHALL BE INTERNALIZED FOR OFFICE, COMMERCIAL AND MIXED USE DEVELOPMENTS. INDUSTRIAL AND BUSINESS PARK BUILDING ELEVATIONS WHICH ARE NOT VISIBLE FROM A PUBLIC RIGHT-OF-WAY MAY INCORPORATE EXPOSED DOWNSPOUTS.

11. ALL TRASH CONTAINERS SHALL BE ENCLOSED WITHIN A MASONRY SCREENING WALL WITH FULLY OPAQUE SCREENING GATES. SCREENING GATES SHALL NOT OPEN INTO VEHICULAR DRIVE AISLES. TRASH ENCLOSURES SHALL PROVIDE ALLOCATION FOR THE COLLECTION OF RECYCLABLES CONSISTENT WITH WASTE MANAGEMENT REQUIREMENTS. TRASH ENCLOSURE GATES SHALL INCORPORATE A MINIMUM OF 60% OPACITY.

12. WITHIN COMMERCIAL, OFFICE AND MIXED-USE DEVELOPMENTS (NOT APPLICABLE TO THIS PROJECT), VEHICULAR ACCESS POINTS AND PEDESTRIAN ACCESS WAYS SHALL INCLUDE SPECIAL PAVING TREATMENT SUCH AS INTEGRAL COLORED STAMPED CONCRETE, BOMANITE, OR SIMILAR ALTERNATIVE. LOCATION AND MATERIAL SHALL BE REVIEWED AND APPROVED BY THE PLANNING DEPARTMENT STAFF PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. STAMPED AND/OR COLORED ASPHALT IS NOT PERMITTED.

13. ALL EXTERIOR METAL MUST BE FINISHED OR PAINTED TO MATCH THE APPROVED PROJECT COLORS.

14. ALL USES SHALL OPERATE IN A MANNER WHICH IS COMPATIBLE WITH THE NEARBY MARCH AIR RESERVE BASE/MARCH INLAND PORT. THE FOLLOWING ACTIVITIES SHALL BE PROHIBITED:

A. ANY USE WHICH WOULD DIRECT A STEADY LIGHT OR FLASHING LIGHT OF RED, WHITE, GREEN, OR AMBER COLORS ASSOCIATED WITH AIRPORT OPERATIONS TOWARD AN AIRCRAFT ENGAGED IN AN INITIAL STRAIGHT CLIMB FOLLOWING TAKEOFF OR TOWARD AN AIRCRAFT ENGAGED IN A STRAIGHT FINAL APPROACH TOWARD A LANDING AT AN AIRPORT, OTHER THAN AN FAA-APPROVED NAVIGATIONAL SIGNAL LIGHT OR VISUAL APPROACH SLOPE INDICATOR.

B. ANY USE WHICH WOULD CAUSE SUNLIGHT TO BE REFLECTED TOWARDS AN AIRCRAFT ENGAGED IN AN INITIAL STRAIGHT CLIMB FOLLOWING TAKEOFF OR TOWARD AN AIRCRAFT ENGAGED IN A STRAIGHT FINAL APPROACH TOWARD A LANDING AT AN AIRPORT.

C. ANY USE WHICH WOULD GENERATE SMOKE OR WATER VAPOR OR WOULD ATTRACT LARGE CONCENTRATIONS OF BIRDS, OR WHICH MAY OTHERWISE AFFECT SAFE AIR NAVIGATION WITHIN THE AREA.

D. ANY USE WHICH WOULD GENERATE ELECTRICAL INTERFERENCE THAT MAY BE DETRIMENTAL TO THE OPERATION OF AIRCRAFT AND/OR AIRCRAFT INSTRUMENTATION.

E. BUILDINGS WITHIN THE [illegible] NOISE CONTOUR WILL INCLUDE APPROPRIATE SOUND ATTENUATION (NOT APPLICABLE TO THIS PROJECT).

15. PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE TENANT SHALL RECEIVE APPROVAL OF A TRAFFIC DEMAND MANAGEMENT PLAN WHICH SHALL INCLUDE THE FOLLOWING ELEMENTS: IDENTIFICATION OF THE LOCATION OF A MINIMUM OF 30" X 42" [illegible] AREA FOR THE POSTING OF ALTERNATIVE TRANSPORTATION MODE INFORMATION INCLUDING FINANCIAL INCENTIVES BY RESPONSIBLE AGENCIES, TRANSIT SCHEDULES AND CARPOOLING INFORMATION.

16. PRIOR TO ISSUANCE OF THE PROJECT C OF O, EACH PROJECT SHALL PROVIDE A 6-SQFT SIGN IDENTIFYING THE APPROVED TRUCK ROUTE PLAN AT ALL [illegible] DRIVEWAY LOCATIONS.

17. ALL DESIGN AND CONSTRUCTION PLAN SUBMITTALS SHALL INCLUDE A DIAGRAMMATIC CALCULATION IDENTIFYING THE RELATIONSHIP OF SITE IMPROVEMENTS IN COMPLIANCE WITH FAA PART 77 AIRSPACE. ALL DEVELOPMENT REQUIRES APPROVAL OF A FAA PLAN 7460-1 PRIOR TO THE ISSUANCE OF BUILDING PERMITS.

18. ALL CONSTRUCTION EQUIPMENT USED FOR CONSTRUCTION ACTIVITIES SHALL BE FITTED WITH EXHAUST MUFFLING AND NOISE CONTROL FILTER DEVICES TO REDUCE NOISE IMPACTS.

19. PRIOR TO THE ISSUANCE OF BUILDING PERMITS, ALL DEVELOPMENT IMPACT FEES SHALL BE PAID, INCLUSIVE OF TUMF, SCHOOL FEES, AND FIRE AND PUBLIC FACILITIES FEES.

20. IF ARCHAEOLOGICAL OR PALEONTOLOGICAL RESOURCES ARE ENCOUNTERED AT THE TIME OF GRADING OR PROJECT CONSTRUCTION, ALL PROJECT WORK IN THE AREA OF THE RESOURCE SHALL CEASE UNTIL THE AREA HAS BEEN SURVEYED BY A QUALIFIED ARCHAEOLOGIST OR PALEONTOLOGIST IN CONFORMANCE WITH THE CULTURAL RESOURCE MANAGEMENT PLAN.

LEGAL DESCRIPTION

THE LEGAL DESCRIPTION SHOWN HEREON HAS BEEN PREPARED BY THE SURVEYOR OF RECORD FOR THE PURPOSE OF DEPICTING THE AREA TO BE INCLUDED IN THIS SURVEY ONLY. SAID DESCRIPTION IS NOT TO BE USED FOR CONVEYANCE OF TITLE OF ANY NATURE.

THAT PORTION SECTIONS 28, [illegible] AND 35, TOWNSHIP 3 SOUTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, SHOWN AS PARCEL 11 ON MAP FILED IN BOOK 110 PAGES 38 TO 40 INCLUSIVE, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH [illegible] WEST [illegible] FEET IN THE EASTERLY BOUNDARY OF SAID PARCEL 11, SAID SOUTHERLY TERMINUS ALSO BEING A POINT ON THE NORTHERLY LINE OF PARCEL MAP [illegible], AS PER MAP FILED IN BOOK 37 PAGE [illegible] OF PARCEL MAPS IN THE OFFICE OF SAID RECORDER; THENCE ALONG SAID NORTHERLY LINE SOUTH [illegible] WEST [illegible] FEET; THENCE LEAVING SAID NORTHERLY LINE NORTH [illegible] WEST 124.26 FEET TO A LINE PARALLEL WITH [illegible] SAID NORTHERLY LINE; THENCE ALONG SAID PARALLEL LINE SOUTH [illegible] WEST [illegible] FEET TO THE EASTERLY BOUNDARY OF CALIFORNIA STATE ROUTE 215, AS SHOWN ON CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTATION MAP [illegible] ON FILE IN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION; THENCE ALONG SAID EASTERLY BOUNDARY NORTH [illegible] WEST [illegible] FEET; THENCE LEAVING SAID EASTERLY BOUNDARY NORTH [illegible] EAST [illegible] FEET; THENCE SOUTH [illegible] EAST 24.22 FEET; THENCE NORTH [illegible] EAST [illegible] FEET; THENCE SOUTH [illegible] EAST [illegible] FEET; THENCE NORTH [illegible] EAST [illegible] FEET TO THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH [illegible] WEST [illegible] FEET IN THE BOUNDARY OF THE "MARCH AIR RESERVE BASE" AS SHOWN ON MAP FILED IN BOOK 134 PAGES 89 TO 91 INCLUSIVE OF SAID RECORDS OF SURVEY; THENCE ALONG SAID LAST MENTIONED BOUNDARY AS FOLLOWS: SOUTH [illegible] EAST [illegible] FEET; THENCE SOUTH [illegible] [illegible] 73.50 FEET; THENCE SOUTH [illegible] EAST 421.45 FEET; THENCE SOUTH [illegible] EAST [illegible] FEET TO THE POINT OF BEGINNING.

CONTAINING 142.48 ACRES MORE OR LESS.

ZONING INFORMATION

GENERAL PLAN AMENDMENT GPA 15-01
PLOT PLAN: PP-[illegible]
SPECIFIC PLAN – SP-15-02
TENTATIVE PARCEL MAP TPM 15-05

GENERAL PLAN DESIGNATION: AVIATION
CURRENT ZONING: NO CURRENT ZONING
PROPOSED ZONING: SP – SPECIFIC PLAN OVERLAY
USE: LIGHT INDUSTRIAL / LOGISTICS

APN NUMBERS

294-150-008, 294-170-008, 294-[illegible], 294-140-15 AND 295-300-004.

NOTE:

1. A UNIFORM SIGNAGE PROGRAM WILL BE REQUIRED FOR ALL TENANTS.

PROJECT DATA - BUILDING 2

NET SITE AREA	3,065,757 SF / 70.38 AC
BUILDING AREA:	
OFFICE AREA	25,000 SF
WAREHOUSE AREA	1,145,[illegible] SF
TOTAL	1,170,[illegible] SF
NET LOT COVERAGE	[illegible]
NET F.A.R. COVERAGE	[illegible]
PARKING REQUIRED:	
[illegible] SF OFFICE @ [illegible]	50 STALLS
0 - 60,000 SF @ 1/1000 (1/1,000 SF)	60 STALLS
60,000 - 200,000 SF @ 0.33/1000 (1/3,000 SF)	50 STALLS
200,000 SF + @ 0.20/1000 (1/5,000 SF)	184 STALLS
TOTAL STALLS REQUIRED	344 STALLS
AUTO PARKING PROVIDED:	
STANDARD STALLS	[illegible] STALLS
ACCESSIBLE STALLS	9 STALLS
CARPOOL STALLS / ELECTRIC CAR STALLS (10% MIN)	[illegible] STALLS
TOTAL STALLS PROVIDED	391 STALLS
BIKE PARKING	
REQUIRED @ 1/20 AUTO STALLS	20 SPACES
PROVIDED	20 SPACES
LOADING DOCK POSITIONS	183 DOCKS
TRUCK TRAILER STALLS 12' X 53'	578 TRAILERS
LANDSCAPE AREA PROVIDED	812,[illegible] SF / [illegible]
MINIMUM SETBACKS REQUIRED	
FRONT BUILDING	30'
FRONT LANDSCAPE	20'
SIDE BUILDING	0'
SIDE LANDSCAPE	5'
REAR BUILDING	25'
REAR LANDSCAPING	[illegible]

UTILITY PROVIDERS

ELECTRICAL:	EDISON
WATER/SEWER:	WESTERN MUNICIPAL WATER DISTRICT
TELEPHONE:	FRONTIER
GAS:	SOUTHERN CALIFORNIA GAS
CABLE:	SPECTRUM

KEYNOTES

1. PAINTED CONCRETE TILT-UP WAREHOUSE / OFFICE / MANUFACTURING FACILITY.
2. SHADED AREA: PROPOSED IRRIGATED LANDSCAPING PER GUIDELINES WITH MIN 6" CONCRETE CURBS AT ALL INTERIOR PERIMETERS.
3. PAINTED CONCRETE TRASH AND RECYCLE BIN ENCLOSURE MIN. 6'-0" HIGH. ONE BIN IS DEDICATED FOR TRASH, AND ONE BIN FOR RECYCLE PRODUCTS. TRASH ENCLOSURES ARE WITHIN THE SCREENED TRUCK COURT.
4. TYPICAL STANDARD PARKING STALL MIN. 9' X 18' (OR 16' + 2' OVERHANG) - STRIPE PER STANDARDS.
5. WATER QUALITY BASIN. SEE CIVIL DRAWINGS.
6. STRIPE MINIMUM 5% OF STALLS AS CARPOOL STALLS AND STRIPE MINIMUM 5% FOR ELECTRIC VEHICLES, 10% TOTAL.
7. 12'-0" PAINTED CONCRETE SCREEN WALL WITH STEEL PICKET ROLLING GATE. ALL SITE GATES WILL HAVE KNOX BOXES TO ALLOW FOR FIRE DEPARTMENT ACCESS. GATES SHALL PROVIDE 60% OPACITY.
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9. CONCRETE PAVED FORKLIFT RAMP.
10. CONCRETE PAVED TRUCK YARD.
11. ON SITE ACCESSIBLE SIDEWALK AND CURB RAMPS. SIDEWALK TO BE 6' WIDE IN FRONT OF AUTO STALLS AND [illegible] WIDE ELSEWHERE.
12. NEW CURB CUT PER STANDARDS.
13. GUARD SHACK PAINTED TO MATCH BUILDING.
14. EXISTING FENCING ON ADJOINING PROPERTY.
15. 12'-0" PAINTED CONCRETE SCREEN WALL. SEE ELEVATIONS.
16. LIGHTING ALONG INTERIOR PROPERTY LINES AND FREEWAY PROPERTY LINES SHALL BE DESIGNED TO MINIMIZE LIGHT SPILLAGE ONTO ADJOINING PROPERTIES.
17. 8'-0" TUBULAR STEEL PICKET FENCE.
18. LUNCH PATIO AREA WITH CONCRETE WALK AND LANDSCAPING.
19. ENTRY SIGNAGE LOCATION. UNIFORM SIGNAGE PROGRAM TO BE REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.

BUILDING 2 SITE PLAN
SCALE: 1" = 100'-0"

VICINITY MAP

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A PEROT COMPANY

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ONTARIO, CA 91764
909-382-0033 PH
909-382-0073 FAX

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SD	[illegible]	SCHEMATIC DESIGN

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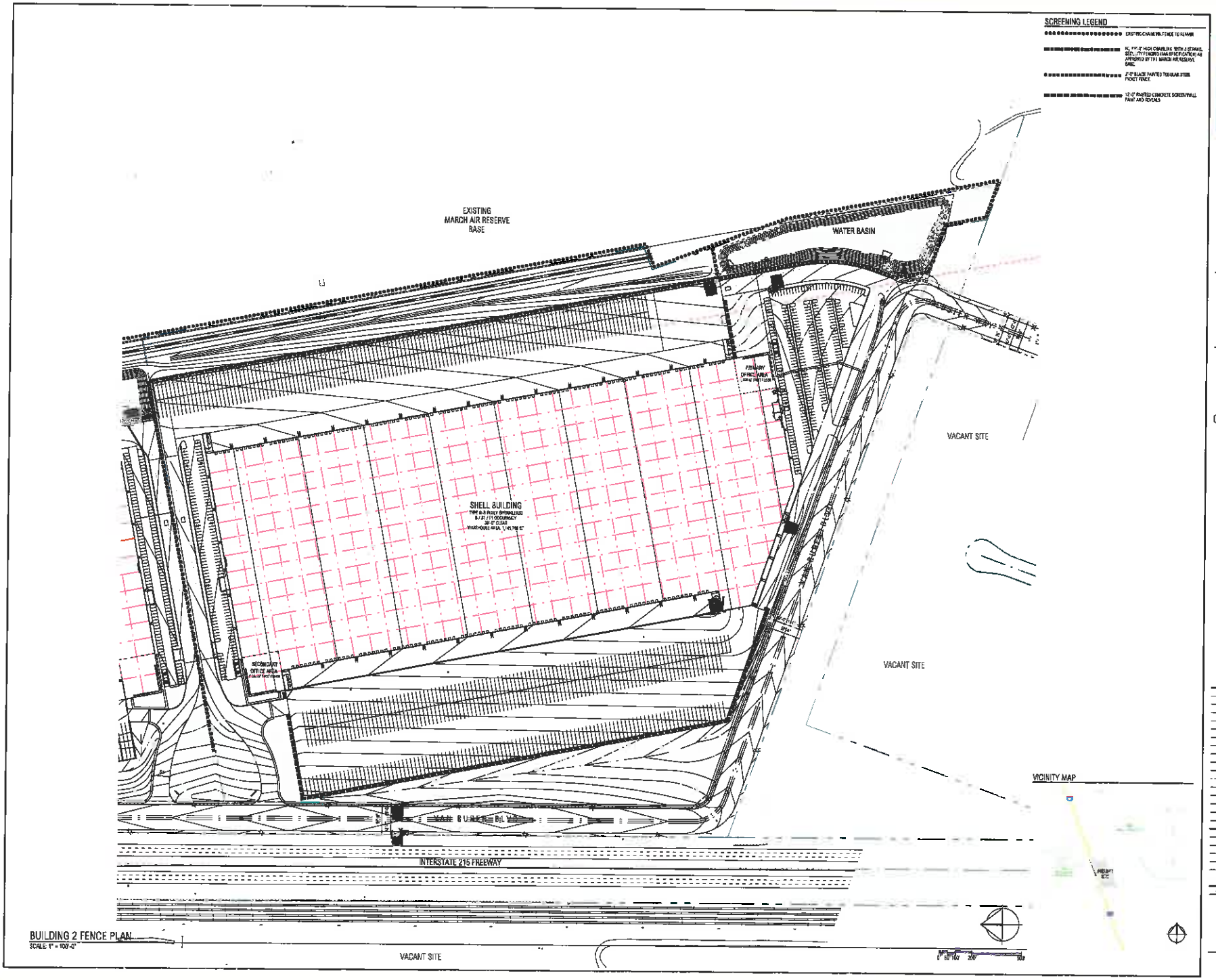
BUILDING 2 SITE PLAN

SHEET 2A1-1P



BUILDING 2 FENCE PLAN
SCALE: 1" = 100'-0"

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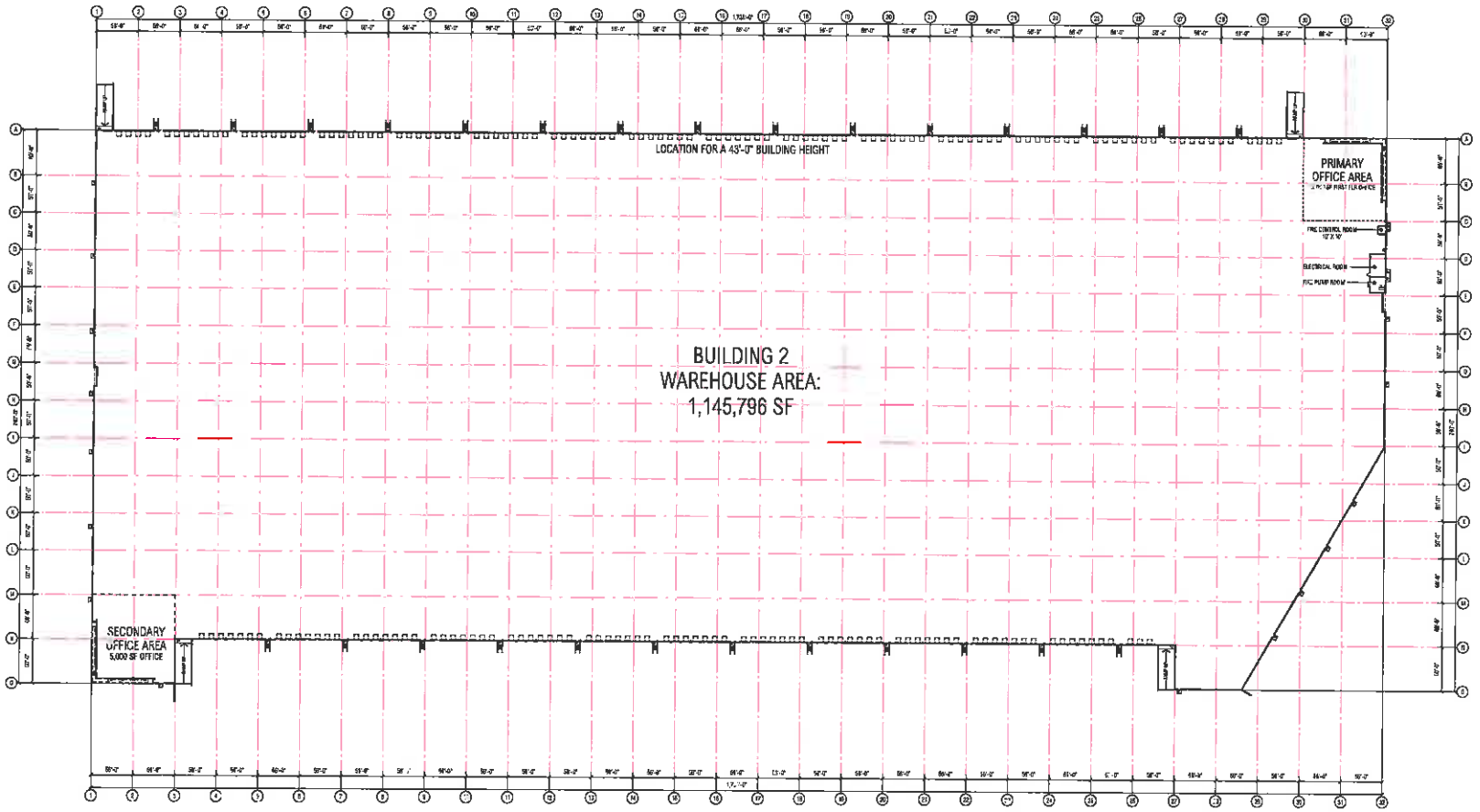
SHEET TITLE
BUILDING 2 FENCE PLAN

SHEET: 2A1-2P



BUILDING 2 FLOOR PLAN

SCALE: 1" = 60'-0"

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BUILDING 2 - FLOOR PLAN

SHEET: 2A2-1P

SOUTH ELEVATION

PARTIAL WEST ELEVATION

PARTIAL WEST ELEVATION

SITE LINE OF SIGHT SECTION ON VAN BUREN LOOKING EAST

NORTH ELEVATION

FINISH SCHEDULE

1 FIELD COLOR - ICI TREASURED MOMENT A1440
2 ACCENT COLOR - ICI FOSSIL GREY [illegible]
3 ACCENT COLOR - ICI LAS CASA CAVE A1[illegible]
4 ACCENT COLOR - ICI COURTYARD STONE A1[illegible]
5 GLAZING - SEE KEYNOTE 5 - PPG SOLARCOOL PACIFICA REFLECTIVE #2

KEYNOTES

1 PRIMARY ACCESSIBLE BUILDING ENTRY
2 BLUE GLAZING IN CLEAR ANODIZED ALUMINUM STOREFRONT
3 PAINTED DOCK HIGH TRUCK LOADING DOOR.
4 PAINTED GRADE LEVEL VAN ACCESS DOOR DOOR
5 3' X 7' PAINTED METAL MAN DOOR.
6 PAINTED CONCRETE TILT-UP BUILDING WALL PANEL WITH REVEAL SCORES.
7 ROOF LINE BEHIND PARAPET. ROOF MOUNTED OFFICE HVAC EQUIPMENT SHALL BE HIDDEN FROM VIEW OF ADJACENT ROADWAYS / STREETS.
8 PAINTED CONCRETE TILT-UP SCREEN WALL WITH REVEAL SCORES.

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EXTERIOR ELEVATIONS

SHEET 2A3-1P

PARTIAL EAST SCREEN-WALL ELEVATION

PARTIAL EAST SCREEN-WALL ELEVATION

PARTIAL WEST SCREEN-WALL ELEVATION

PARTIAL WEST SCREEN-WALL ELEVATION

OVERALL WEST SCREEN-WALL ELEVATION

KEYNOTES

1. PRIMARY ACCESSIBLE BUILDING ENTRY
2. BLUE GLAZING IN CLEAR ANODIZED ALUMINUM STOREFRONT
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8. PAINTED CONCRETE TILT-UP SCREEN WALL WITH REVEAL SCORES.

FINISH SCHEDULE

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CONCEPTUAL ELEVATIONS

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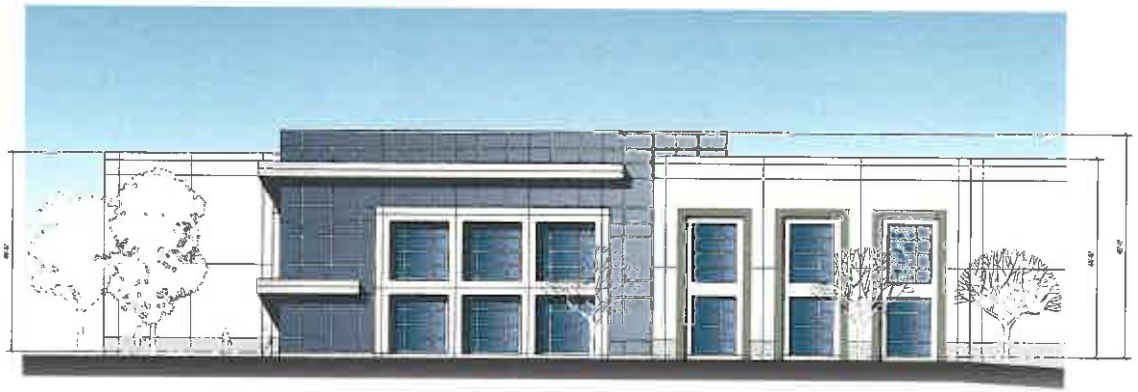

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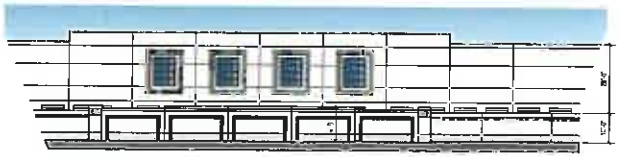
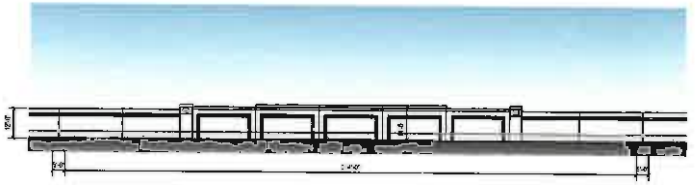
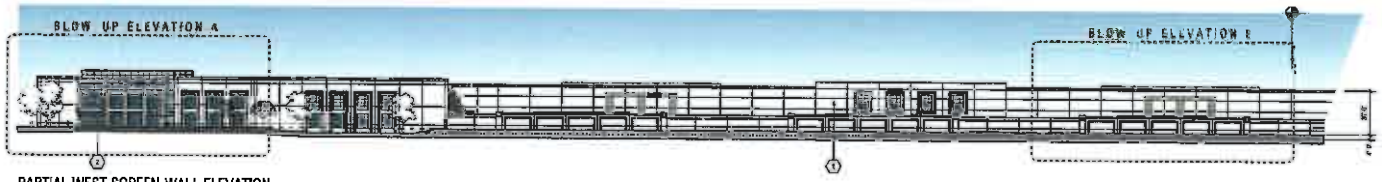


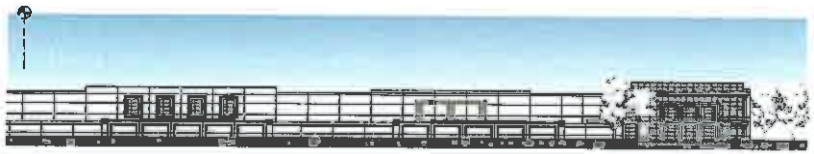
CONCEPTUAL PARTIAL WEST SCREEN-WALL ELEVATION B



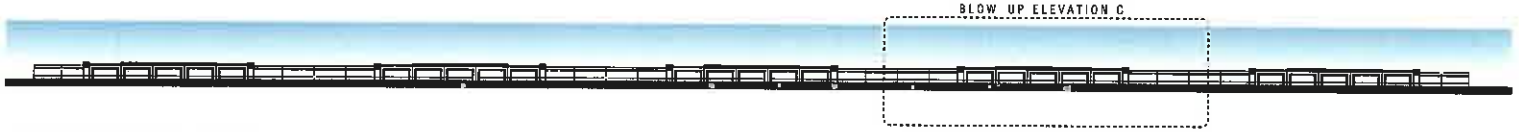
CONCEPTUAL PARTIAL WEST SCREEN-WALL ELEVATION C



PARTIAL WEST SCREEN-WALL ELEVATION



PARTIAL WEST SCREEN-WALL ELEVATION



OVERALL WEST SCREEN-WALL ELEVATION

FINISH SCHEDULE

1. FIELD COLOR - ICI TREASURED MOMENT A1640
2. ACCENT COLOR - ICI FOSSIL GREY A1646
3. ACCENT COLOR - ICI LAS CARICAVE A1685
4. ACCENT COLOR - ICI COURTYARD STONE A1674
5. GLAZING - SEE KEYNOTE 5 - PPG/GLAZING/GL PACIFICA REFLECTIVE #2

KEYNOTES

1. PRIMARY ACCESSIBLE BUILDING ENTRY
2. BLUE GLAZING IN CLEAR ANODIZED ALUMINUM STOREFRONT
3. PAINTED DOCK HIGH TRUCK LOADING DOOR
4. PAINTED GRADE LEVEL NON ACCESS DOOR DOOR
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6. PAINTED CONCRETE TILT-UP BUILDING WALL PANEL WITH REVEAL CORES
7. ROOF LINE BEHIND PARAPET. ROOF MOUNTED OFFICE HVAC EQUIPMENT SHALL BE HIDDEN FROM VIEW OF ADJACENT ROADWAYS / STREETS.
8. PAINTED CONCRETE TILT-UP SCREEN WALL WITH REVEAL SCORES

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CONCEPTUAL ELEVATIONS

SHEET: A3-3P

Veterans Industrial Park 215

SPECIFIC PLAN

July 2018

Draft

Veterans Industrial Park 215 Specific Plan (SP 16-02)

July 2018

Draft

Prepared For:

March JPA

Applicant:

Riverside Inland Development, LLC

Kimley»Horn

Table of Contents

Veterans Industrial Park 215 Specific Plan

Section **Page**

1. Introduction

1.1 Location and Access 1-1

1.2 Background and History 1-1

1.3 Context and Local Setting 1-3

1.3.1 Specific Plan Area and Ownership 1-3

1.3.2 Existing General Plan and Zoning 1-3

1.3.3 Existing and Surrounding Uses 1-3

1.3.4 Existing Infrastructure 1-5

1.3.5 Airport Constraints 1-5

1.3.6 Legal Context 1-6

1.4 Discretionary Actions 1-7

1.5 Plan Organization 1-8

2. DEVELOPMENT PLAN

2.1 Land Use 2-1

2.1.1 Project Objectives 2-1

2.1.2 Land Use Plan 2-2

2.1.3 Land Use Compatibility 2-5

2.2 Circulation Plan 2-6

2.2.1 Regional 2-6

2.2.2 Arterial Highways 2-6

2.2.3 Site Access 2-7

2.2.4 Parking 2-7

2.3 Infrastructure and Services 2-9

2.3.1 Water Service 2-9

2.3.2 Wastewater Service 2-10

2.3.3 Storm Water Management 2-12

2.3.4 Grading 2-15

2.3.5 Dry Utilities 2-15

2.3.6 Solid Waste 2-15

2.3.7 Police and Fire Service 2-15

3. DEVELOPMENT REGULATIONS

3.1 General Provisions 3-1

3.1.1 Applicability 3-1

3.1.2 Severability 3-1

3.1.3 Consistency with Specific Plan 3-1

3.1.4 Subdivision Map Act 3-2

3.1.5 Determination of Unlisted Use 3-2

3.1.6 Interpretation 3-2

3.1.7 Definitions 3-2

3.1.8 Design Guidelines 3-3

3.1.9 March Air Reserve Base Performance Standards 3-3

3.2 Permitted Uses 3-3

3.2.1 Permitted Uses 3-3

3.2.2 Ancillary Uses 3-4

3.2.3 Conditional Uses subject to further Environmental Review 3-4

3.2.4 Prohibited Uses 3-4

3.3 Development Standards 3-5

3.3.1 Parking 3-5

3.3.2 General Design Standards 3-6

4. DESIGN GUIDELINES

4.1 Introduction 4-1

4.2 Architecture Guidelines and Standards 4-2

4.2.1 Building Form and Orientation 4-2

4.2.2 Materials and Colors 4-4

4.2.3 Windows and Doors 4-4

4.2.4 Loading Docks and Service Doors 4-4

4.2.5 Security Elements 4-5

4.2.6 Trash Enclosures 4-5

4.3 Landscape Guidelines 4-5

4.3.1 Landscape Master Plan 4-5

4.3.2 Water Quality 4-6

4.3.3 Utility Placement and Screening 4-11

4.3.4 Walls and Fences 4-11

4.3.5 Exterior Lighting 4-13

4.3.6 Signage 4-13

5. ADMINISTRATION AND IMPLEMENTATION

5.1 Administration 5-1

5.1.1 Responsibility 5-1

5.1.2 Applicability 5-1

5.1.3 Enforcement and Interpretation 5-1

5.1.4 Severability 5-1

5.1.5 Initial Entitlements 5-1

5.1.6 Substantial Conformance 5-2

5.1.7 Amendments 5-3

5.1.8 Appeals 5-3

5.2 Implementation 5-3

5.2.1 Adoption 5-3

5.2.2 Phasing 5-3

5.2.3 Maintenance and Ownership 5-4

5.2.4 Relationship to CEQA 5-4

6. APPENDICES

A Legal Description

B General Plan Conformance

C Land Use Compatibility Plan

List of Figures

Figure		Page
1-1	Regional Location	1-2
1-2	Specific Plan Area	1-4
2-1	Conceptual Land Use	2-3
2-2	Conceptual Site Plan	2-4
2-3	Van Buren Extension Typical Cross Section	2-6
2-4	Western Way Typical Cross Section	2-7
2-5	Circulation Plan	2-8
2-6	Water and Sewer Plan	2-11
2-7	Drainage Plan	2-14
2-8	Grading Plan	2-16
4-1	Example Architecture	4-3
4-2	Van Buren Boulevard Streetscape Edge	4-6
4-3	Planning Area 1 Landscape Plan	4-8
4-4	Planning Area 2 Landscape Plan	4-9

List of Tables

Table		Page
1-1	Requested Approvals	1-8
2-1	Land Use	2-5
2-2	Service Providers	2-9
3-1	Development Standards	3-3
3-2	Parking	3-5
4-1	Plant Materials	4-7
4-2	Bioretention Basin Seed Mix	4-11
5-1	Financing, Ownership and Maintenance	5-4

1 INTRODUCTION

This section explains the purpose of the specific plan; local and regional context and setting; background; planning process and entitlements; authority to prepare; relationship to existing plans and policies; and organization of the specific plan.

1.1 LOCATION AND ACCESS

The Veterans Industrial Park 215 Specific Plan area encompasses approximately 142.5 acres of airport property consisting of Parcel D2 within the boundaries of the March Inland Port Airport, located in Riverside County, California. It is located in the East March Planning Subarea. Parcel D2 is located directly east of the I-215 off-ramp at Van Buren Boulevard, south of the existing March Field Air Museum and west of an existing airport runway; but, provides no access to the runway or any taxiways (flying facilities).

Access to Parcel D2 is provided via the I-215 freeway and Van Buren Boulevard. A southern extension of Van Buren Boulevard is anticipated as a part of this Specific Plan. Figure 1-1, *Location*, shows the regional location of the Specific Plan area.

1.2 BACKGROUND AND HISTORY

March Air Force Base (MAFB) was first established as a military installation in 1918 and has been in near continuous operation between 1918 and 1993. In 1993 the federal government called for the realignment of MAFB and a substantial reduction in its military use. In April 1996, March Air Force Base was re-designated as an Air Reserve Base (ARB). The conversion of MAFB to an air reserve base resulted in the need to dispose of and reuse approximately 4,400 acres of land. In order to limit the economic disruption caused by base closures, the California State Legislature authorized the formation of joint powers authorities to regulate the redevelopment of closed/realigned military installations. The cities of Moreno Valley, Perris, the City of Riverside, and the County of Riverside formed the March Joint Powers Authority (MJPA) pursuant to Article 1, Chapter 5, Division 7, Title 1 (commencing with Section 6500 et seq.). The March JPA was delegated the authority to manage the use, reuse, and joint use of the realigned base.

Since 1996, the MJPA has prepared a number of planning, policy and regulatory documents to guide the redevelopment of the former MAFB. These documents, that impact the Specific Plan area include:

- Final Environmental Impact Statement: Disposal of Portions of March Air Force Base (February 1996)
- Final Environmental Impact Report for the March Air Force Base Redevelopment Project (June 1996)
- Department of Defense Instructions
- Air Force Instructions
- General Plan of the March Joint Powers Authority (September 1999)
- March Joint Powers Authority Development Code (July 1997)
- Master Environmental Impact Report for the General Plan of the March Joint Powers Authority (September 1999)
- Air Installation Compatible Use Zone Study for March Air Reserve Base (2018)
- March Air Reserve Base/Inland Port Airport Joint Land Use Study (December 2010)
- March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan (November 2014)
- Airport Layout Plan (September 2013)

Figure 1-1 Regional Location

In addition to these documents related to development within the airport area, the Perris Valley Commerce Center Specific Plan (PVCCSP) was adopted by the City of Perris in January 2012. The PVCCSP consists of approximately 3,500 acres located immediately south of the Veterans Industrial Park 215 Specific Plan area. Western Avenue, an arterial roadway within the PVCCSP, will be extended to the southern edge of the Specific Plan area as a secondary point of access.

Riverside Inland Development, LLC is the Master Developer for the remaining MJPA owned properties at the March Inland Port. Hillwood entered into an Exclusive Negotiating Agreement (ENA) in December 2015 in response to a Request for Proposal and subsequently entered into a Memorandum of Agreement. The development program addressed by this Specific Plan is the first implementing step of these agreements.

1.3 CONTEXT AND LOCAL SETTING

1.3.1 Specific Plan Area and Ownership

The Specific Plan area is comprised of approximately 142.5 gross acres of vacant land. The project site is composed of five tax parcels, Assessor Parcel Numbers (APNs) 294-150-009, 294-170-005, 295-300-008, 294-140-13 and 294-180-038. The property is presently owned by the March Joint Powers Authority. Figure 1-2 illustrates the Specific Plan area.

1.3.2 Existing General Plan and Zoning

The Specific Plan area consists of approximately 142.5 acres of land that is not currently zoned. Its General Plan designation is Aviation, with an allowable Floor Area Ratio (FAR) of 0.4. This property is expected to be developed under a long-term ground lease.

As part of project entitlements, the property would be subject to a General Plan Amendment that would add a Specific Plan overlay ("SP") to the existing Aviation designation. In addition, the Veterans Industrial Park 215 Specific Plan would be adopted as the zoning for the property. An analysis of compliance with General Plan goals and policies may be found in the Appendix of this Specific Plan document.

1.3.3 Existing and Surrounding Uses

The property is presently vacant. The 142.5-acre Specific Plan area is surrounded by the following uses:

North: Immediately to the north of the development parcel is the existing March Field Air Museum, zoned for Public Facilities uses.

East: Property to the east consists of the existing runways of March Air Reserve Base.

South: Immediately south of the parcel is the corporate boundary of the City of Perris, and the Perris Valley Commerce Center Specific Plan, zoned for Business Park and Light Industrial uses.

West: West of the parcel is I-215, with the Riverside National Cemetery and Meridian Specific Plan area beyond.

Figure 1-2 Specific Plan Area

1.3.4 Existing Infrastructure

Existing Roadways

There is currently no improved roadway access to the Specific Plan area.

Regional access to the Specific Plan area is provided by Interstate 215 (I-215). Interstate 215 runs north/south and is immediately to the west of the Specific Plan area. The nearest freeway ramps are approximately ¼ mile north of the Specific Plan area at Van Buren Boulevard.

Van Buren Boulevard is a primary east/west corridor. It provides access to I-215, and is currently designated as an Arterial Highway to the west of I-215. On the east side of I-215 Van Buren Boulevard is currently planned as a Major Arterial with two northbound lanes, two southbound lanes and a raised landscaped median. It is constructed consistent with this standard for approximately 1,400 feet along the frontage of the March Field Air Museum, although the street's median is painted rather than raised. Van Buren Boulevard currently terminates approximately 300 feet to the north of the Specific Plan area.

Existing Infrastructure

- ***Water***. The Specific Plan Area is located within the Riverside retail service area of the Western Municipal Water District (WMWD). Existing Eastern Municipal Water District (EMWD) 8-inch water lines are present in Nandina Avenue and Western Way and a 36-inch water line is located in Harley Knox to the south of the Specific Plan Area in the City of Perris. In addition, an existing 12-inch WMWD water line is present near the northern edge of the Specific Plan Area, within the March Air Museum property.

  The U. S. Air Force maintains an existing 354-foot deep groundwater monitoring well, located within the property near the northern boundary with the Air Museum.

- ***Sewer Service***. Sewer service in the Specific Plan area is provided by Western Municipal Water District (WMWD). Existing EMWD 10- and 12-inch sewer lines are present to the south of the project in Nandina Avenue in the City of Perris however these lines will not be utilized by the project. In addition, a 10-inch WMWD sewer force main crosses the site's southern edge, continuing west across the I-215 freeway.

- ***Drainage***. An existing earthen channel runs from the site's northwest corner to its southeast corner, and a second drainage course is present which runs in an east-west direction, connecting with the earthen channel. This channel collects off-site storm water from four culverts beneath I-215 and conveys it south through the airport property. This earthen channel conveys runoff southerly towards Heacock Street and discharges into Perris Valley Channel in the City of Perris, ultimately discharging to the San Jacinto River, Canyon Lake, and Lake Elsinore.

1.3.5 Airport Constraints

The March JPA has full land use authority over portions of the former base under its direct control. In order to address airport land use compatibility issues around the March Air Reserve Base/Inland Port the Riverside County Airport Land Use Commission prepared and adopted a Land Use Compatibility Plan (March ARB/IPA ALUCP) which serves as the JPA's land use compatibility planning recommendations. In

addition, the Department of Defense Instructions (DDI) and the Air Force Instructions (AFI) apply. The runway system and military areas of the airport are under the control of the U.S. Air Force. There are two active runways at March ARB/IP, Runway 14-32, and Runway 12-30. Runway 14-32, the airport's primary runway, is 13,300 feet long and 200 feet wide. Runway 14-32 has a standard left traffic pattern which means all turns in the traffic pattern departing north are made to the west. The primary runway (Runway 14-32) is located immediately east of the D2 parcel and the Specific Plan area.

The Land Use Compatibility Plan (RCALUP) establishes a boundary for the influence area of March ARB/IPA, related to noise, overflight, safety, and airspace protection. The Specific Plan Area:

- Falls between the 65 and 75 CNEL noise contours of the airport.
- Does not fall within any of the accident zones of the JLUS (Clear Zone or Accident Potential Zones I or II).

A number of regulations and land use/height restrictions affect the Specific Plan area. The property is located within the 7:1 Transitional Surface area of the March Air Reserve Base, and a 35-foot building height limitation line extends along the runway edge as identified on the Airport Layout Plan.

1.3.6 Legal Context

A "Specific Plan" is a planning and regulatory tool made available to local governments by the State of California. Specific plans implement an agency's General Plan through the development of policies, programs, and regulations that provide an intermediate level of detail between General Plans and individual development projects. State law stipulates that specific plans can only be adopted or amended if they are consistent with an adopted General Plan.

The Veterans Industrial Park 215 Specific Plan implements the goals and policies of the General Plan, serves as an extension of the General Plan, and can be used as both a policy and a regulatory document. The purpose of this Specific Plan is to implement the vision by providing goals, policies, programs, development standards, and design guidelines to direct future development within the Specific Plan Area.

The authority to prepare and adopt a Specific Plan and the requirements for its contents are set forth in California Government Code Sections 65450 through 65457. Section 65451 states:

A Specific Plan shall include a text and a diagram or diagrams which specify all of the following in detail:

- *The distribution, location and intent of the uses, including open space, within the area covered by the plan.*
- *The proposed distribution, location, and extent and intensity of major components of public and private transportation, sewage, water, drainage, solid waste disposal, energy, and other essential faculties proposed to be located within the area covered by the plan and needed to support the land uses described by the plan.*
- *Standards and criteria by which the development will proceed, and standards for the conservation, development, and utilization of natural resources, where applicable.*

- *A program of implementation measures including programs, public works projects, and financing measures.*
- *The Specific Plan shall include a statement of the relationship of the Specific Plan to the General Plan.*

1.4 DISCRETIONARY ACTIONS

The following discretionary actions will be required in conjunction with the proposed Veterans Industrial Park 215 Specific Plan:

California Environmental Quality Act. This Specific Plan is considered a Project under the California Environmental Quality Act (CEQA). CEQA is a statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible. To document the potential significant impacts an Environmental Impact Report (EIR) will be prepared for this Specific Plan and must be certified by the Commission prior to adoption of this Specific Plan or any other project entitlements. Subsequent development within the Veterans Industrial Park 215 Specific Plan boundaries deemed consistent with said Specific Plan standards will not require further environmental review except as specified in the Development Regulations section of this document (Section 3). March JPA will be the lead agency responsible for certification of the Project's EIR.

General Plan Amendment. A General Plan Amendment to attach a Specific Plan overlay to the Specific Plan Area. The General Plan Amendment will be adopted by resolution. The existing General Plan land use designation of Aviation would be expanded to include general warehousing and logistic uses.

Specific Plan/Zone Change. The Specific Plan Area is presently un-zoned. The establishment of the Specific Plan for the proposed project will provide for an SP-8 designation on the March JPA Zoning Map with an underlying Aviation Designation. Adoption of this Specific Plan as part of a zone change is a discretionary action subject to March JPA approval. Adopted by Ordinance, the Specific Plan document will serve both planning and regulatory functions. This document contains the development standards and procedures necessary to fulfill these purposes.

Tentative Parcel Map. The Specific Plan Area is comprised of five assessor parcels for taxation purposes but is not presently a legal development parcel. The proposed project will include a Tentative Parcel Map to create two legal development parcels, dedicate rights-of-way for the extension of Van Buren and Western Avenues and identify required utility easements.

Plot Plan. The site development plan for the project, consisting of two buildings of approximately 2,185,618 square feet, parking, landscaping, drainage facilities, and new streets.

Development Agreement (DA) and Disposition and Development Agreement (DDA). A statutory development agreement, authorized pursuant to California Government Code Section 65864 et seq., will be processed as part of the approval of this Specific Plan. The development agreement of this Specific Plan will include, among other items, methods for financing acquisition and construction of infrastructure,

and phasing, including future phasing. Such development agreement shall be fully approved before the issuance of the first building permit for this project.

Avigation Easement. Development projects must provide an executed easement to the MJPA prior to a final map or building permit.

Table 1-1
Requested Approvals

Requested Permit/Approval	Approving Agency
Final EIR Certification	March JPA
Specific Plan Adoption	March JPA
General Plan Amendment	March JPA
Development Agreement	March JPA
Tentative Parcel Map Approval	March JPA
Water Supply Assessment	Western Municipal Water District
Encroachment Permit (Drainage)	Caltrans
Encroachment Permit (Western Way)	City of Perris
1602 Permit	California Department of Fish and Game
404 Permit and associated EA	U.S. Army Corps of Engineers
401 Permit	Regional Water Quality Control Board
NPDES	Regional Water Quality Control Board

1.5 PLAN ORGANIZATION

Section 1 – Introduction

This section explains the purpose of the Specific Plan; local and regional context and setting; background; planning process and entitlements; guiding principles; authority to prepare; relationship to existing plans and policies; and organization of the Specific Plan.

Section 2 – Development Plan

This section explains the conceptual land use plan for the Specific Plan Area; identifies land use policies, and defines the land use designations unique to the Specific Plan. The circulation, drainage, water and sewer, grading, and public services plans are also described.

Section 3 – Development Regulations

This section explains the development standards for the land use designations established in the Development Plan, including the standards for allowable uses, setbacks, parking, and signage.

Section 4 – Design Guidelines

This section explains design concepts and establishes design guidelines for development in the Specific Plan Area.

Section 5 – Administration and Implementation

This section discusses the development review procedures by the JPA and other relevant permitting agencies, applicable to the Specific Plan Area. Implementation of the proposed land uses, including Specific Plan adoption, subsequent approvals and plans, substantial conformance findings, and phasing are outlined in this chapter. Additionally, financing sources and maintenance responsibilities are identified.

2 DEVELOPMENT PLAN

This chapter explains the various elements of the Veterans Industrial Park 215 Specific Plan, including Land Use, Circulation, Public Services, and Infrastructure.

2.1 LAND USE

This section of the Veterans Industrial Park 215 Specific Plan discusses the components of the Specific Plan such as land use, circulation, grading, drainage, water and sewer utilities, and public services.

Each of these components is discussed in further detail in the sections below.

2.1.1 Project Objectives

The proposed Veterans Industrial Park 215 Specific Plan is intended to achieve the following objectives:

- Develop and operate a state-of-the-art logistics center that takes advantage of existing and planned March Joint Powers Authority ("MJPA") infrastructure, is feasible to construct, and is economically competitive with, and in the general vicinity of, similar industrial, logistics and distribution center uses.
- Develop and operate a large format logistics center that is in close proximity to the former March Air Reserve Base and I-215/State Route 60 to support the distribution of goods throughout the region and that also limits truck traffic disruption to sensitive receptors within the surrounding region.
- Develop and operate a large format logistics center that may accommodate e-commerce opportunities, attract quality tenants and will be competitive with other similar facilities in the region.
- Maximize efficient goods movement throughout the region by locating a large format logistics center in close proximity to the Ports of Los Angeles and Long Beach thereby enabling trucks servicing the site to achieve a minimum of two roundtrips per day.
- Develop and operate a large format logistics center that maximizes the use of a large industrial site in the region that is in close proximity to the Ports of Los Angeles and Long Beach, to realize substantial unmet demand in the region, allowing the region to compete on a domestic and international scale through the efficient and cost-effective movement of goods.
- Develop and operate a large format logistics center that meets and/or exceeds industry standards for operational criteria, including energy efficiency.
- Implement the Veterans Industrial Park 215 Specific Plan through development of an airport land use program that is consistent with the proposed development standards and criteria relevant to the site and proposed large format logistics center use.
- Facilitate the development of underutilized land currently planned for aviation-related uses that maximizes the use of the site and responds to market demand within the Veterans Industrial Park 215 Specific Plan area and surrounding region for a large format logistics center.
- Facilitate the establishment of design guidelines and development standards consistent with the MJPA Development Code and that create a unique, well-defined identity for the Veterans Industrial Park 215 Specific Plan.
- Positively contribute to the economy of the region through new capital investment, creation of new employment opportunities, including opportunities for highly-trained workers and replacement jobs for those lost due to military base closures, and expansion of the tax base.

- Provide for off-site realignment of existing drainage channels in order to minimize potential drainage and related impacts associated with the proposed large format logistics center, including impacts to aviation uses at the adjacent runway.
- Provide for the extension of planned roadways consistent with the MJPA Circulation Element.
- Identify and provide for water, sewer, drainage, and road facility infrastructure that is required to adequately service the Veterans Industrial Park 215 Specific Plan area for the intended uses.
- Establish landscape guidelines that emphasize the use of drought-tolerant and water-efficient plant materials.
- Establish guidelines for energy efficiency that promote the conservation of energy resources in the construction and operation of the proposed large format logistics center use.

2.1.2 Land Use Plan

The Veterans Industrial Park 215 Specific Plan envisions two logistics structures totaling 2,185,618 square feet, with loading docks, truck trailer parking, and associated infrastructure improvements. The primary logistics use would include typical ancillary uses as outlined in the project's Development Regulations, including warehouse, office, and employee support areas such as meeting rooms and break rooms.

The plan, shown in Figure 2-1 *Conceptual Land Use Plan* and Figure 2-2, *Conceptual Site Plan*, provides the overall vision and guide for the development of the site for logistics uses. Table 2-1, *Land Use*, outlines the maximum build-out for each planning area.

Although the land use plan identifies two planning areas, if a single user is identified who wishes a single building, buildings may be constructed across planning area boundaries so long as the maximum Floor Area Ratio across the entire area does not exceed the maximum Floor Area Ratio (FAR) for the project as a whole. Individual Planning Area square footages may vary as part of plot plan review so long as the FAR for the Specific Plan Area as a whole does not exceed the maximum allowable FAR of 0.4.

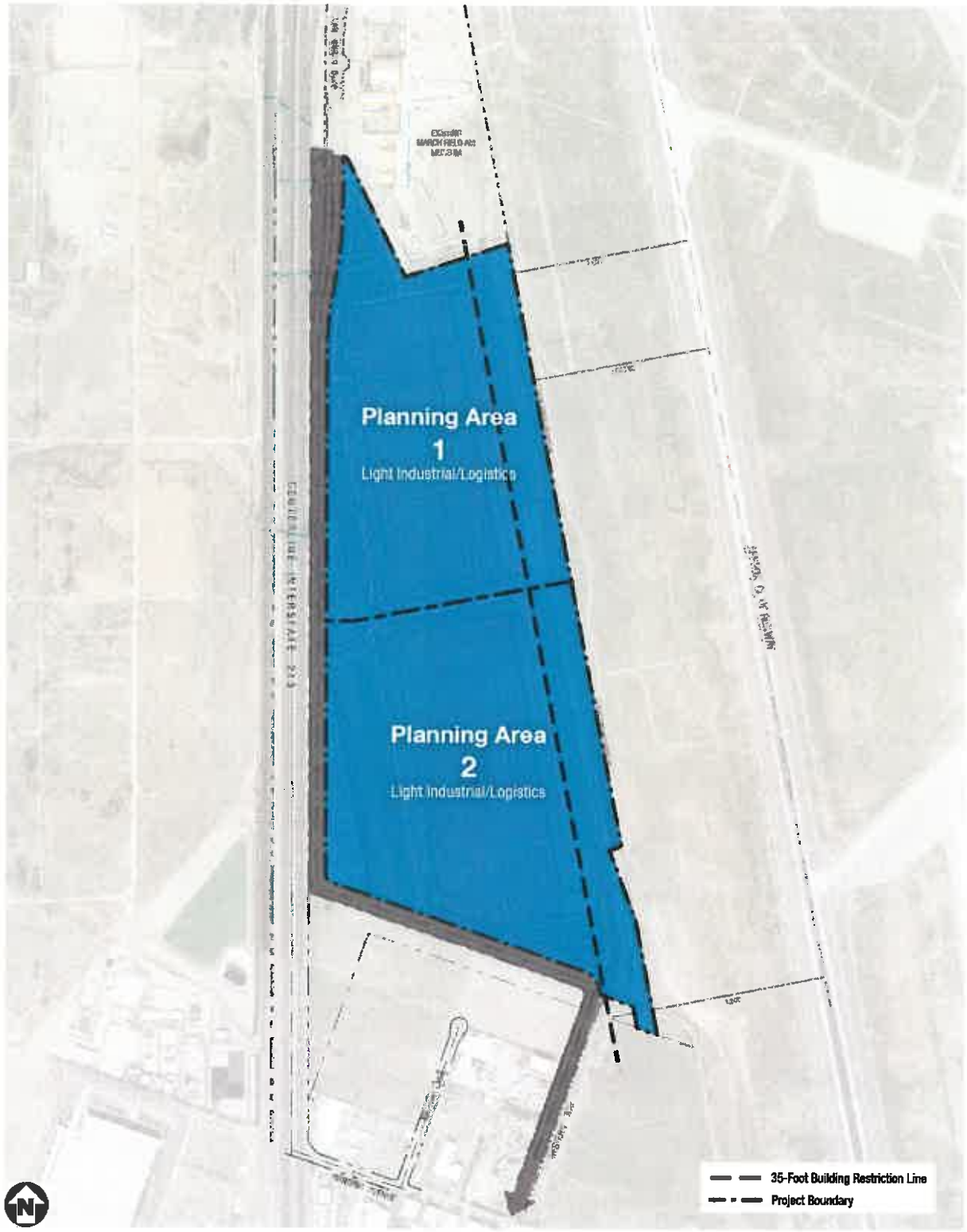


Figure 2-1 Conceptual Land Use

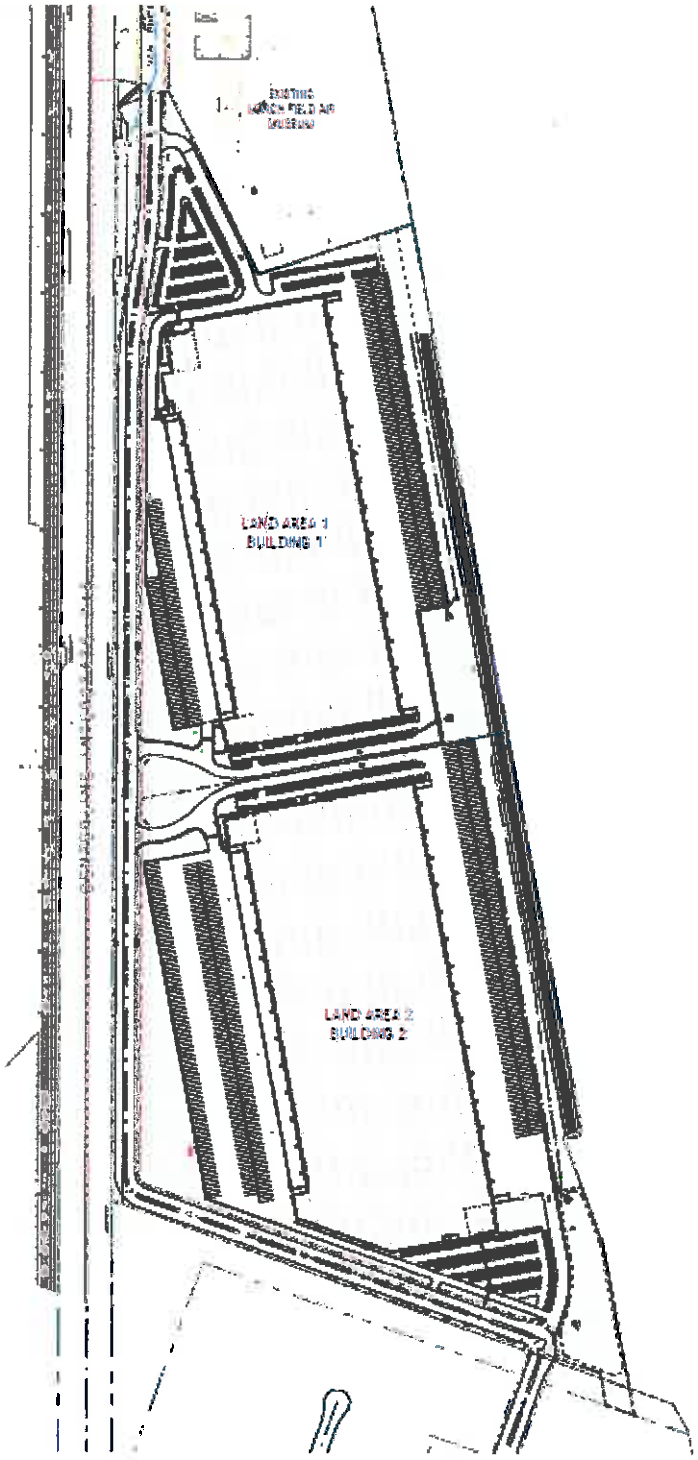


Figure 2-2 Conceptual Site Plan

For purposes of this Specific Plan, if mezzanines are provided as part of a building, only mezzanines providing occupancy (i.e., second floor enclosed office area) are counted in the square footage identified in the land use table or included in the maximum FAR.

Table 2-1
Land Use

Planning Area	Land Use	Acreage	Building Area (Sq. Ft.)	Floor Area Ratio (FAR)
Planning Area 1/Building 1	Logistics/Light Industrial	57.47 ac.	1,014,822	0.393
Planning Area 2/Building 2	Logistics/Light Industrial	70.38 ac.	1,170,796	
Road Dedication	--	14.61 ac.	--	--
Total		**142.46 ac.**	**2,185,618 (2,227,660 maximum)**	**0.35 (gross) 0.393 (net) 0.4 (maximum)**

2.1.3 Land Use Compatibility

This Specific Plan is subject to the development restrictions of the March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan (RCALUP), Department of Defense Instructions (DODI) and Air Force Instructions (AFI). The RCALUP includes nine land use compatibility zones. The aeronautical factors used to establish the compatibility zone boundaries are described below and summarized in Exhibit 3–2, Compatibility Zone Factors (see Appendix B). The Compatibility Map (Exhibit 3–3 in Appendix B) depicts the compatibility zones for March ARB and Inland Port Airport (IPA). These compatibility zones and the factors upon which they are based are similar in concept to the compatibility zones adopted by the Riverside County ALUC for other airports in the county. However, the characteristics of aircraft activity at March ARB/IPA compared to primarily general aviation activity at the other airports in the county required the development of zones based upon somewhat different factors.

The site is located within Zone B2. Zone B2 encompasses areas of high noise, but is subject to less risk. The projected 65 decibel noise contour forms the basis for the zone boundary. The actual boundary follows roads, parcel lines or other geographic features that lie generally just beyond the contour line. Lands within the APZs are excluded from Zone B2. Most of the zone lies adjacent to the runway.

Lying just beyond the Air Force defined APZs, the areas within this zone are subject to sufficient risk to warrant restrictions on the intensity of nonresidential development. Specifically, nonresidential uses would be limited to maximums of 100 people per acre average over a site and 250 people in any single acre. These limits are designed to preclude intensive uses such as major shopping centers and large restaurants. Light industrial uses and office buildings up to three stories are typically consistent with the criteria.

The Specific Plan Area's location adjacent to the runway area subjects the site to a number of unique conditions which are reflected in the project's development regulations and site design, including:

- Height limitations in the 7:1 surface and a building restriction line for structures of over 35 feet;
- Security fencing along the runway property and a clear area beyond;
- Limitations on standing water; and
- Limitations on reflective surfaces facing the runway.

2.2 CIRCULATION PLAN

2.2.1 Regional

Regional access to the Specific Plan area is provided by Interstate 215 Freeway (I-215). I-215 runs north/south and is immediately to the west of the Specific Plan area. The nearest freeway ramps are approximately ¼ mile north of the Specific Plan area at Van Buren Boulevard. Interstate 215 is currently constructed with three lanes in each direction. Ultimate buildout for Interstate 215 is 10 lanes; 4 mixed-flow lanes and one high occupancy vehicle lane in each direction. The nearest on-ramps are present at Van Buren Boulevard. Van Buren Boulevard also provides regional connections to State Route 91 and 60 Freeways.

Figure 2-5, *Circulation Plan*, identifies the planned roadway system serving the Specific Plan area.

2.2.2 Arterial Highways

Van Buren Boulevard Extension

Van Buren Boulevard is a primary east/west corridor. It provides access to I-215, and is currently designated as an Augmented Urban Arterial to the west of I-215.

On the east side of I-215, Van Buren Boulevard is currently planned as a Major Arterial with two northbound lanes, two southbound lanes and a raised landscaped median. It is constructed consistent with this standard for approximately 1,400 feet along the frontage of the March Field Air Museum, although the street's median is painted rather than raised. Van Buren Boulevard currently terminates approximately 300 feet to the north of the Specific Plan area.

Project-related improvements would include the extension of Van Buren between its existing terminus and the project site, constructed as a divided Modified Secondary Highway, with two northbound and two southbound lanes with a center turn median design, and an on-street bicycle lane. The Modified Secondary Highway street section would include a 97-foot right-of-way (see Figure 2-3, *Van Buren Extension Typical Cross Section)* along the frontage with I-215 and along the site's southern edge, connecting with Western Way. The proposed Van Buren extension improvements would occur within the property boundaries and would be dedicated to the JPA. The Van Buren Boulevard extension by definition (JPA General Plan) is a designated truck route.

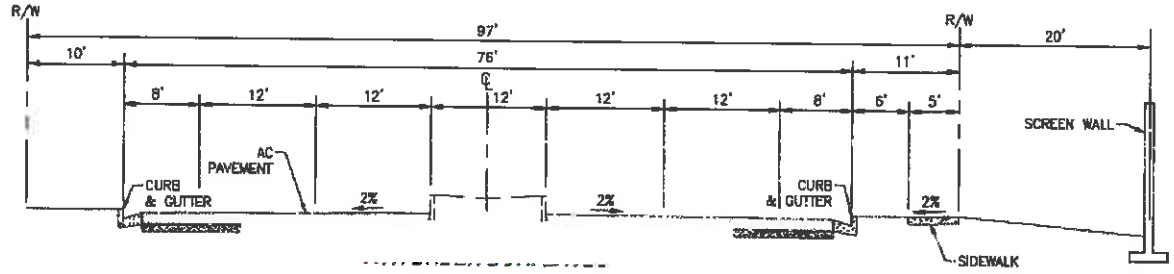


Figure 2-3 Van Buren Extension Typical Cross Section

Western Way Extension

Secondary access to the Specific Plan area would be provided through the construction of a new roadway extending south from the site's southeastern border to Nandina Avenue, as an extension of existing Western Way.

The Western Way extension would be constructed as a Secondary Arterial as defined in the Perris Commerce Center Specific Plan, with a right-of-way of approximately 94 feet (see Figure 2-4, *Western Way Typical Cross Section*). This road would be an off-site infrastructure improvement encompassing approximately three acres. Western Way is a secondary arterial in the City of Perris Commerce Center Specific Plan originally planned to extend to the March JPA boundary. It is a designated truck route.

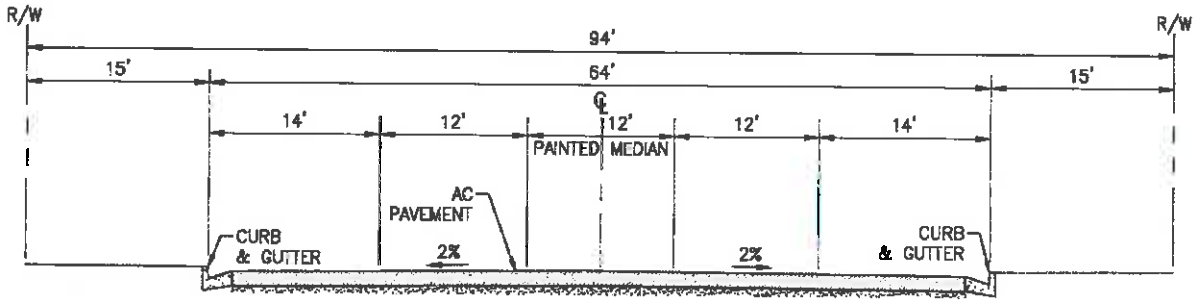


Figure 2-4 Western Way Typical Cross Section

2.2.3 Site Access

The Specific Plan incorporates six driveways to provide direct access from the planned Van Buren Avenue and Western Way extensions. Site access may be controlled by security gates within the interior of the site, subject to review by the Fire Department for stacking and emergency access. Additional site access points may be provided subject to plot plan review for conformance with JPA requirements limiting driveways to one for every 300 feet of frontage.

2.2.4 Parking

Parking within the Specific Plan area will be in several locations. Employee and visitor parking will be provided in parking areas separated from the truck docks and service areas as shown on the Conceptual Site Plan, Figure 2-2. These parking areas will be landscaped, with parking lot trees shading parking spaces. Truck docks and trailer parking stalls are located on the front and rear of each building. Truck docks and parking on the front of the project facing Van Buren Boulevard will be screened with a screen wall. Bicycle parking will be provided. Parking standards for the Specific Plan area are outlined in the Development Regulations section of this document (See Section 3, *Development Regulations*).

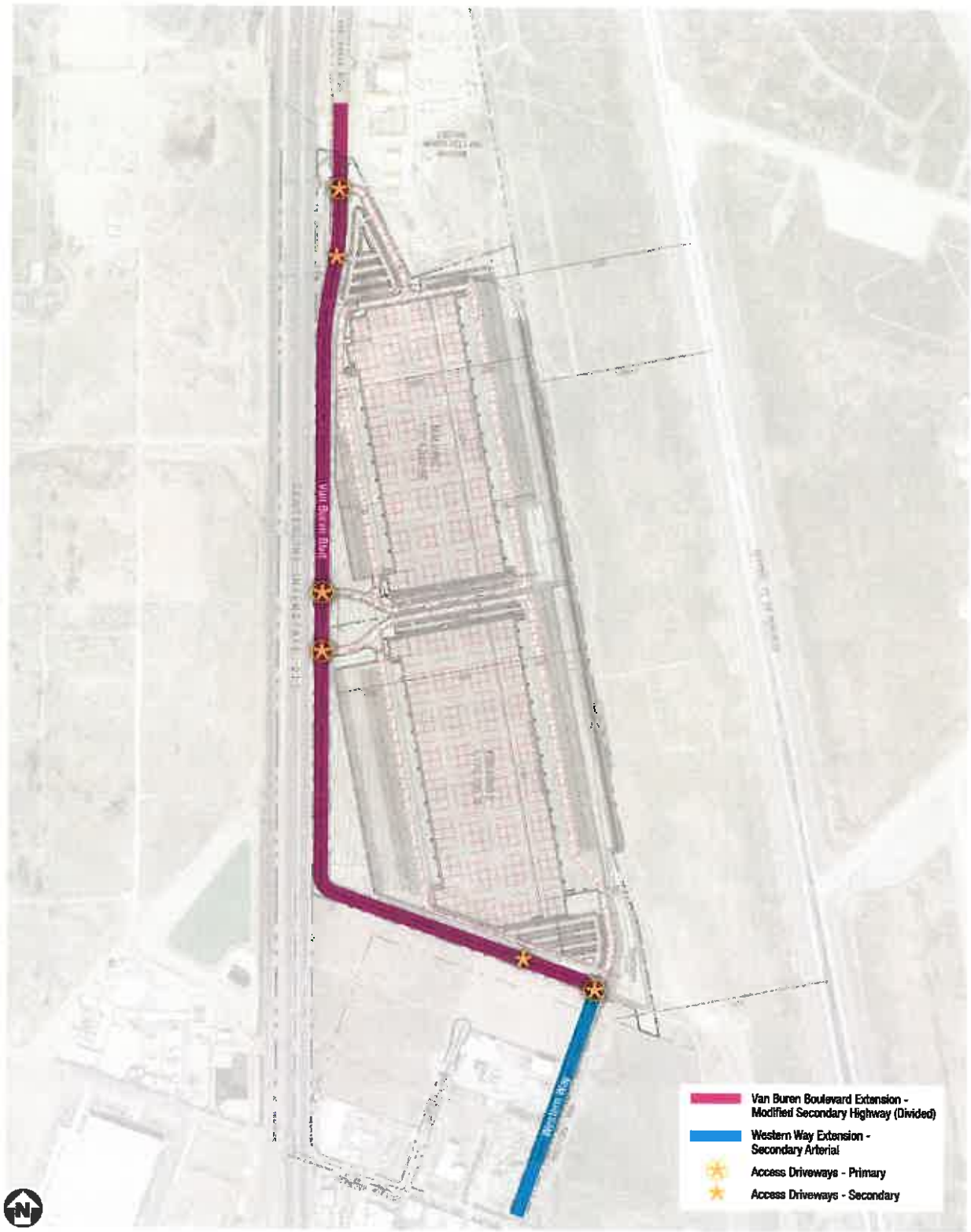


Figure 2-5 Circulation Plan

2.3 INFRASTRUCTURE AND SERVICES

The Veterans Industrial Park 215 Specific Plan will require a variety of public facilities and services to support and serve the needs of its businesses. The infrastructure system will seek to incorporate the highest level of sustainability achievable for a project of its kind and in its specific geographic location.

The various public facilities will be designed to enhance and complement the vision and design objectives of the Project and all facilities will be developed to meet or exceed the required industry standards of the respective service providers and as required by the applicable government standards

Services include: water, sewer, storm drainage, solid waste disposal, fire and police protection services. Table 2-2, *Service Providers,* lists the various service providers for the Project.

Table 2-2
Service Providers

Service	Provider
Water	Western Municipal Water District (potable) Eastern Municipal Water District (Fire Flow)
Wastewater	Western Municipal Water District
Drainage	Riverside County Flood Control District
Electric Service	Southern California Edison
Gas Service	Southern California Gas Company
Communications	Frontier/Spectrum
Fire Protection	Riverside County Fire Department
Police Protection	Riverside County Sheriff
Solid Waste Disposal/Recycling	Waste Management Inland Empire

2.3.1 Water Service

The Specific Plan Area is located within the Riverside retail service area of the Western Municipal Water District (WMWD). WMWD is a member agency of the Metropolitan Water District (MWD), purchasing water from MWD and providing wholesale and retail water within its district boundaries. Water sources from WMWD primarily depend on imported water resources. WMWD purchases both Colorado River and State Water Project water from Metropolitan Water District of Southern California (MWD). Fire water will be provided by Eastern Municipal Water District (EMWD) through an Inter-Agency Agreement between EMWD and WMWD. A Plan of Services will be prepared to identify construction of new facilities and required easements.

Existing Facilities

Existing EMWD 8-inch water lines are present in Nandina Avenue and Western Way to the south of the Specific Plan Area in the City of Perris. According to EMWD, fire flow supply is available from EMWD's 1705 pressure zone. In addition, an existing 12-inch WMWD water line is present near the northern edge of the Specific Plan Area, within the March Air Museum property.

MWD maintains a currently unused 97-inch transmission main in an easement that follows the proposed alignment of the Western Way extension and the Van Buren Boulevard extension. This line will be protected in place.

The U. S. Air Force maintains an existing 354-foot deep groundwater monitoring well, located within the property near the northern boundary with the Air Museum. This well will be protected in place within the truck loading area on the runway side of Building 1/Planning Area 1. An easement will be recorded providing for access to the well.

Proposed Facilities

Domestic Water. The proposed domestic water would be provided by WMWD. Water for the project would be extended from the existing 12-inch WMWD water line within the March Air Museum property to Van Buren Boulevard then southwards along the extension of Van Buren Boulevard. Water laterals would extend from the 12-inch lines to service the buildings.

Water for Fire Suppression. Water for fire suppression systems will be provided to the buildings through extension of an 18-inch EMWD line located in Western Way. The 18-inch fire service line will extend northwards within the Van Buren extension right-of-way. A new 12-inch fire water line loop will be provided within the Specific Plan area to each building to provide for on-site fire water supply. Fire flow of 4,000 gpm at 20 PSI is required by the Fire Department.

Due to the size of the proposed industrial/logistics uses, a Water Supply Assessment will be required, provided by WMWD.

Figure 2-6, *Water and Sewer Plan*, illustrates the existing and proposed water infrastructure to serve the site. Changes in water and sewer line size and alignment may occur as part of final engineering.

The Project would be required to plan and install water-efficient devices and landscaping in accordance with applicable ordinances, including use of drought tolerant species appropriate to the climate and region. Although the Project is not located near any existing recycled water distribution infrastructure, should such facilities be constructed in the future, the Project would be required to use non-potable recycled water for irrigation to the extent permitted by law.

2.3.2 Wastewater Service

Sewer service in the Specific Plan area is provided by Western Municipal Water District (WMWD).

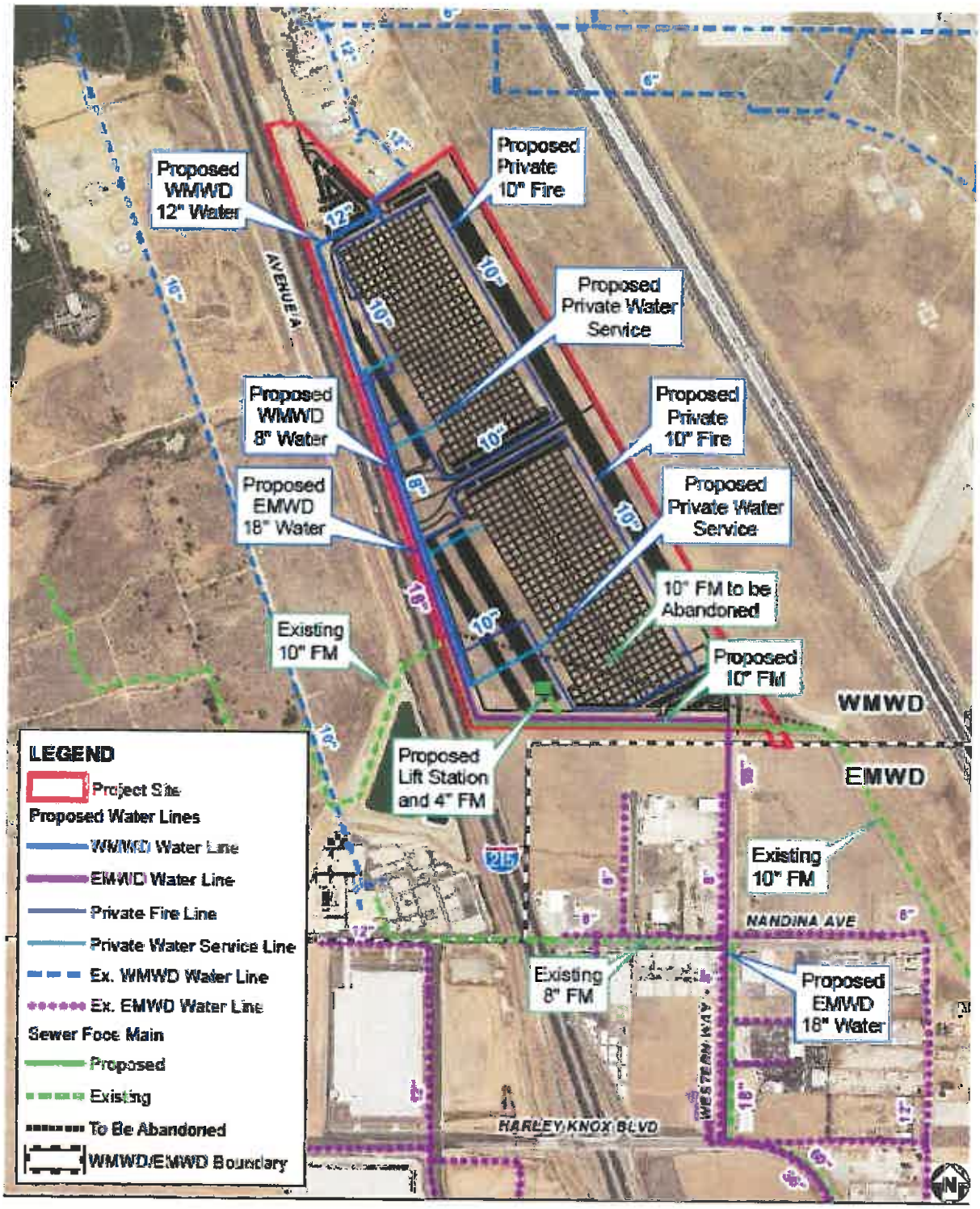
Existing Facilities

Existing 10- and 12-inch sewer lines are present to the south of the project in Nandina Avenue in the City of Perris, however these lines are within EMWD and will not serve the project. In addition, a 10-inch WMWD sewer force main crosses the site's southern edge, continuing west across the I-215 freeway.

Proposed Facilities

The proposed project would relocate the existing WMWD sewer force main within the proposed alignment of Van Buren Boulevard along the Specific Plan area's southern edge.

Wastewater from the Specific Plan area would be conveyed via on-site private sewers to a proposed sewer sump and pump system, connect to a new force main, and then connect with a relocated force main. Figure 2-6, *Water and Sewer Plan*, illustrates the existing and proposed wastewater infrastructure to serve the site. Changes in water and sewer line size and alignment may occur as part of final engineering.



Source: Webb Associates

Figure 2-6 Water and Sewer Plan

2.3.3 Storm Water Management

The project site slopes gently from northwest-to-southeast, with elevations ranging from approximately 1,525 feet to 1,500 feet above mean sea level. An existing earthen channel runs from the site's northwest corner to its southeast corner, and a second drainage course is present which runs in an east-west direction, connecting with the earthen channel. This channel collects off-site storm water from culverts beneath I-215 and conveys it south through the airport property. This earthen channel conveys runoff southerly towards Heacock Street and discharges into Perris Valley Channel in the City of Perris, ultimately discharging to the San Jacinto River, Canyon Lake, and Lake Elsinore. The Specific Plan Area is located in the Riverside County Flood Control District's Perris Valley Area Drainage Plan.

Off-Site Drainage

Off-site drainage from upstream properties to the west of the Specific Plan Area is discharged onto the site and into the existing earthen channels from four Caltrans culverts under I-215. To develop the site, this off-site water will be conveyed directly to a proposed concrete-lined trapezoidal channel on the Specific Plan Area's eastern edge adjacent to the runway, ultimately discharging to the existing earthen drainage swale at the site's southeastern corner. This off-site water will not be comingled with untreated on-site flows.

Project Drainage

The site was divided into two parcels/drainage areas with stand-alone drainage facilities, consistent with the two Specific Plan Planning Areas. As noted above, the existing earthen channel will be realigned to the property's eastern edge, and a concrete trapezoidal channel constructed. On-site storm water will be collected, either by surface flow or storm drains, and directed to two bio-retention/detention basins. Each basin is sized to have storage capacity above the water quality treatment volume to detain higher storm events. A pump system will be used to convey water from the basins to the proposed trapezoidal channel since the bottom of the basin is lower than the proposed channel. These pumps will regulate the rate of discharge to mimic pre-development flow rates.

All drainage facilities are sized for the 100-year storm event. All observable water in both basins will be pumped out within 24 hours of the end of a storm event. This is a betterment from MJPA's standard criteria of 48 hours. Figure 2-8, *Drainage Plan*, illustrates the drainage concept for the project.

Water Quality

The site is subject to water quality requirements of March Joint Powers Authority (MJPA) and complies with the 2010 Santa Ana MS4 permit. These require that Low Impact Development (LID) Best Management practices (BMPs) are limited to *Infiltration* or *Harvest* and/or bio-retention unless proven infeasible. A WQMP was prepared for the project by Huitt-Zollars (October 2016). The WQMP concludes that both Infiltration and Harvest are infeasible and other treatment control BMPs must be considered. Infiltration was deemed infeasible because the Geotechnical Engineer has determined that the project site soils have no infiltration capacity and recommended that infiltration BMPs should not be used. The soil is impermeable and infiltration rates have been determined to be less than 1.6 inches/hour. Harvest and Use is not utilized because the anticipated demands for irrigation and toilet use are less than their respective required amounts. Therefore, bio-retention BMPs are considered for this site.

Thus, the primary BMPs to be implemented will be construction of two bio-retention/bio-treatment basins (refer to Figure 2-7, *Drainage Plan*). Catch basin filters will be provided in all on-site catch basins as

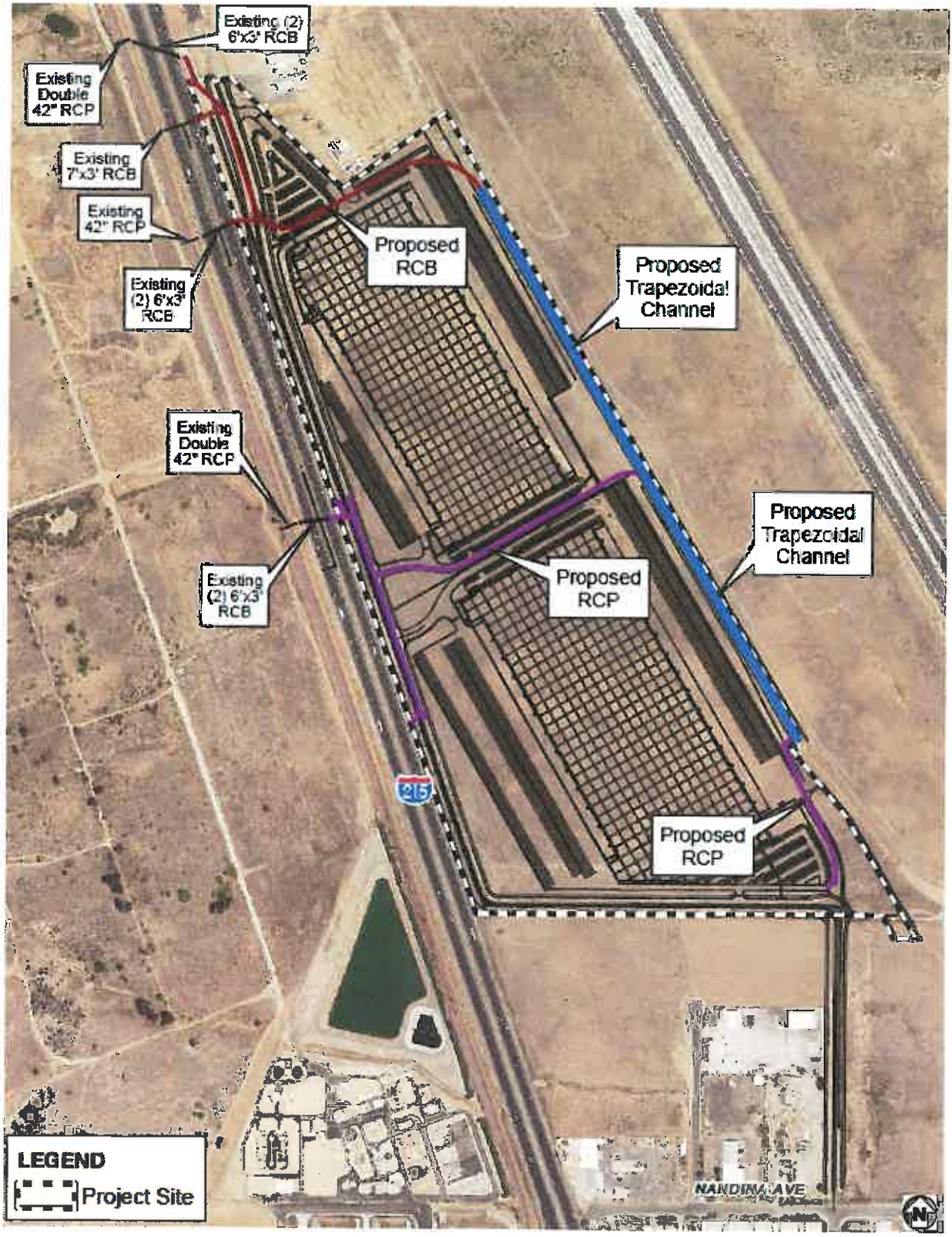
pre-treatment control prior to water being conveyed to the basins. The water collected into each basin is then pumped to a storm drain channel to the East and ultimately conveyed to the existing earthen channel which flows towards the Perris Valley Channel.

The site is located within an area identified by the Riverside County Flood Control District as being within an area susceptible to streambed erosion (aka Hydrologic Conditions of Concern, or HCOC). Even though the LID design (bio-retention basins) adequately addresses the water quality requirements for the project, this design could still create streambed erosion. The project site is subject to hydromodification and thus source-control BMPs must also be used for the project to reduce flows. The on-site bio-retention basins will also serve as detention basins to mitigate post-development storm water runoff rates down to levels equivalent to the pre-developed condition, thus addressing the HCOC.

***Hydromodification** refers to changes in runoff characteristics caused by **altered land use and increase of impervious** areas.*

Too much hydromodification can cause erosion of stream banks and beds. BMPs can include structural BMPs to reduce flows or volumes thus reducing impacts to downstream channels.

Additionally, source control BMPs will be used within the project, including permanent structural features with ongoing operations and maintenance. Some of the source control BMPs used include, "Only Rain Down the Storm Drain" stenciling on catch basins, litter control at truck docks, underground fire protection service and fire sprinkler tests, storm drain filters, landscape and irrigation, and sweeping in plaza/parking areas.



Source: Webb Associates

Figure 2-7 Drainage Plan

2.3.4 Grading

The grading plan for the site creates building pads for two buildings, two bio-retention basins, and a trapezoidal channel on the site's eastern edge. The grading plan includes approximately 562,116 cubic yards of cut, and 433,974 cubic yards of fill, inclusive of remedial grading (over-excavation).

Figure 2-8, *Conceptual Grading Plan*, illustrates the conceptual grading for the site. Final grading design and quantities will be based on final engineering. Any import or export of soil will be detailed on the Tentative Parcel Map for the project and in the final grading plans.

2.3.5 Dry Utilities

Natural Gas Service

The Southern California Gas Company provides natural gas service to the Specific Plan Area.

Electrical Service

Southern California Edison provides electrical service to the Specific Plan Area. Electrical service lines are present adjacent to the site to the north, associated with the March Air Museum. Electrical service will be extended to the Specific Plan Area along the Van Buren Boulevard extension to the proposed buildings.

2.3.6 Solid Waste

Solid waste generated on the Specific Plan area is currently collected by Waste Management Inc. (WMI).

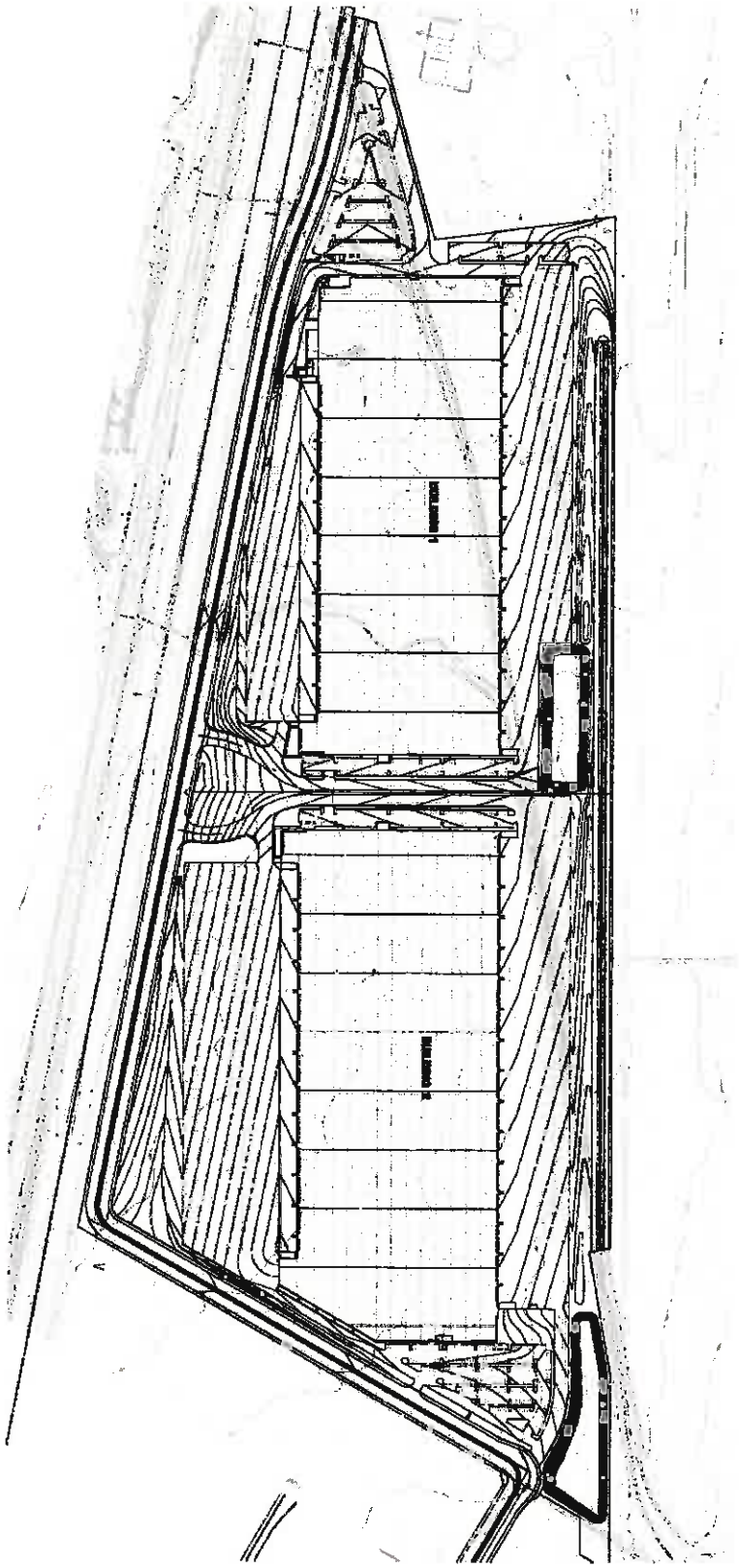
Solid waste in western Riverside County is disposed of at the El Sobrante, Lambs Canyon, and Badlands landfills. The majority of waste from the Specific Plan Area would be sent to the Badlands Landfill, located at 31125 Ironwood Avenue in Moreno Valley, with residual waste sent to the Lamb Canyon Landfill, located at 16411 Lamb Canyon Road in the unincorporated County of Riverside. Both landfills are owned and operated by Riverside County.

In order to reduce the amount of material generated by the Specific Plan's planned future development to meet the State's mandate of 50% solid waste diversion, the Specific Plan will comply with the requirements of the County of Riverside's Source Reduction and Recycling Element (SRRE) and the provisions of AB 341, which focuses on increased commercial waste recycling. Typical of large logistics uses, the logistics buildings will incorporate trash compacting areas.

2.3.7 Police and Fire Service

Law enforcement services in the March JPA planning area fall under the Riverside County Sheriff's Department. Sheriff substations are located within the cities of Moreno Valley, Riverside, and Perris.

Fire Services fall under the jurisdiction of the Riverside County Fire Department. Fire protection services are provided by existing County fire stations in Moreno Valley and non-County fire stations from the March Air Reserve Base and neighboring City of Riverside through mutual aid agreements. Existing County Station 6, located at 22250 Eucalyptus Avenue in Moreno Valley would provide fire response to the Specific Plan Area. Station 6 is located approximately six miles from the Specific Plan Area.



Source: Huitt-Zollars

Figure 2-8 Grading Plan

3 DEVELOPMENT REGULATIONS

This chapter discusses the general provisions and specific development standards for uses within the Specific Plan area, including setbacks, height, and parking requirements.

3.1 GENERAL PROVISIONS

The California Government Code (Title 7, Division 1, Chapter 3, Article 8, Sections 65450 et seq.) grants authority to cities and agencies to utilize Specific Plans for purposes of implementing the goals and policies of the agency's General Plan.

This Specific Plan establishes a set of regulations, standards, guidelines, and processes for the proposed development, and shall constitute the zoning for development within the Specific Plan area.

This section has been prepared in accordance with California Government Code Section 65450, et seq. and the March JPA Development Code (Section 9.13). Regulations are included for the proposed logistics land use.

Application of these regulations is specifically intended to provide the most appropriate use of the land, create a harmonious relationship among land uses and protect the health, safety and welfare of the community.

The following General Development Standards apply to all uses within the Specific Plan Area.

3.1.1 Applicability

The Veterans Industrial Park 215 Specific Plan has been developed as both a regulatory and a land use policy document, which, upon adoption by ordinance will constitute the zoning for the property. Development plans or agreements, tract or parcel maps, plot plans or any other action requiring ministerial or discretionary approval of the subject property must be consistent with the Specific Plan. California Government Code, Section 65454 requires that a Specific Plan be consistent with the General Plan. Upon adoption, actions deemed to be consistent with the Veterans Industrial Park 215 Specific Plan shall be judged to be consistent with the March JPA General Plan.

Where conflicts exist between the standards contained in this Specific Plan and those found in the March JPA General Plan or Development Code, the regulations and standards in this Specific Plan shall take precedence. Any area of site development, administration, review procedures, environmental review, landscaping requirements, and regulations not expressly addressed by this Specific Plan document shall be subject to the provisions of the March JPA Development Code, using the context and objectives of this Specific Plan as a guide.

3.1.2 Severability

In the event that any regulation, condition, program, portion or policy of this Specific Plan or the application thereof to any person or circumstance is held to be invalid or unconstitutional by any court of competent jurisdiction, such portions shall be deemed separate, distinct and independent provisions and shall not affect the validity of the remaining provisions of this Specific Plan or applications thereof which can be implemented without the invalid provision or application.

3.1.3 Consistency with Specific Plan

Properties within the Veterans Industrial Park 215 Specific Plan shall be developed in general conformance with the Land Use Plan (Figure 2-1, *Land Use Plan*). Development of properties governed by the Specific Plan shall be in accordance with the mandatory requirements of all March JPA ordinances (unless specifically revised herein) and state laws, and shall conform substantially to the Veterans Industrial Park 215 Specific Plan, as filed in the office of the March JPA Development Services Department, unless otherwise amended.

Except for the Specific Plan Development Standards/Design Guidelines and Substantial Conformance procedures adopted with the Veterans Industrial Park 215 Specific Plan, no portion of the Specific Plan which purports or proposes to change, waive, or modify any ordinance or other legal requirement for development shall be considered to be part of the adopted Specific Plan.

3.1.4 Subdivision Map Act

Lots created pursuant to the Veterans Industrial Park 215 Specific Plan and the concurrently processed tentative parcel map, shall be in conformance with the development standards of the zoning applied to the property and all other applicable JPA standards, as well as the Subdivision Map Act.

3.1.5 Determination of Unlisted Use

Any land use proposal not specifically covered by the provisions contained herein shall be subject to determination by the Community Development Director in accordance with Section 9.01.060 of the March JPA Development Code.

3.1.6 Interpretation

The development standards and regulations contained in this Specific Plan shall supersede the standards contained in the March JPA Development Code, except where specifically provided in this Specific Plan. Whenever the provisions contained in this Specific Plan conflict with the Development Code, the provisions of this Specific Plan shall take precedence. Any ambiguity concerning the content or application of the Specific Plan shall be resolved by the JPA's Planning Director or their designee in accordance with Development Code Section 9.01.060. Such interpretations shall take into account the stated goals and intent of this Specific Plan. If requested or appealed, the Commission may review any administrative interpretation.

3.1.7 Definitions

Unless otherwise specified below, terms used in this document shall have the same definitions provided in the JPA's Development Code. If a word is not defined in this section or in any provision of the Development Code, the Planning Director shall determine the correct definition.

- ***E-Commerce***. E-Commerce is the buying and selling of goods and services over an electronic network, primarily the internet. This use includes internet fulfillment centers, in which orders are received from affiliated stores or other locations, processed, and filled. The number of employees, and therefore amount of employee parking, is higher than a high cube distribution center.
- ***Mezzanine.*** As defined herein, a mezzanine is an elevated, occupied floor above the ground floor of a larger industrial space used for office or other enclosed work space. For purposes of this Specific Plan, mechanical mezzanine platforms (typically relocatable, freestanding steel structures) used for logistics/high cube purposes are not counted in the square footage allocated to mezzanines in the land use table nor counted towards the maximum Floor Area Ratio (FAR) or parking counts.
- ***High Cube Warehouse/Distribution Center.*** High-cube warehouses or distribution centers are primarily for the storage and/or consolidation of manufactured goods (and to a lesser extent, raw materials) prior to their distribution to retail locations or other warehouses but may also accommodate minor assembly as an ancillary use. These facilities are generally very large buildings characterized by a small employment count due to a high level of automation/mechanization, and truck activities are frequently outside of the peak hours of the adjacent street system.
- ***Warehousing, with Distribution*** means the use of a building or buildings primarily for the interim (short-term) internal storage of goods of any type, which may include sales of goods (e.g. retail sales

or wholesaling). This use is generally engaged in receipt and distribution of goods, products, supplies, etc., with incidental storage and is typically identified with a quick turnaround of such goods.

3.1.8 Design Guidelines

Development shall be designed and built in substantial conformance with the Design Guidelines contained in this document (Refer to Section 4, *Design Guidelines*).

3.1.9 March Air Reserve Base Performance Standards

The Veterans Industrial Park is located in MARB Airport Influence Zone, therefore, all development within the plan shall comply with the following measures:

- ***Avigation Easements***. Prior to recordation of a final map, issuance of building permits, or conveyance to an entity exempt from the Subdivision Map Act, whichever occurs first, an avigation easement shall be conveyed to March Air Reserve Base/March Global Port through the March JPA and will provide and disclose a "Notice of Airport in Vicinity" to building tenants.
- ***Noise Standard***. All building office areas shall be constructed with appropriate sound mitigation measures as determined by an acoustical engineer or architect to insure appropriate interior sound levels. This standard will be confirmed as part of building permit plan check.
- ***Retention and Water Quality Basins***. All retention and water quality basins shall be designed to de-water within 48 hours of a rainfall event.
- ***Lighting Plans***. Prior to issuance of building permit, lighting plans shall be submitted to an airport lighting consultant or March Air Reserve Base/March Inland Port (MARB/MIP), for review and comment prior to issuance of building permits. Lighting shall consist of High Pressure Sodium or LED fixtures (below 2500 Kelvin).
- ***Height Restrictions per Federal Aviation Regulations Part 77***. The Federal government has developed standards for determining obstructions in navigable airspace. Federal Aviation Regulations Part 77 defines a variety of imaginary surfaces at certain altitudes around airports. The Part 77 surfaces include the primary surface, approach surface, transitional surface, horizontal surface and conical surface. Collectively, the Part 77 surfaces around an airport define a bowl-shaped area with ramps sloping up from each runway end. The Part 77 standards are not absolute height restrictions, but instead identify elevations at which structures may present a potential safety problem. Penetrations of the Part 77 surface generally are reviewed on a case by case basis. The project area is located within the Inner Horizontal Surface (Surface E).

  The Inner Horizontal Surface is a plane, oval in shape at a height of 150 feet above the established airfield elevation (i.e. 1,685 feet above MSL at the northern end of the runway and 1,638 feet above MSL at the southern end of the runway) extending 7,500 feet around the centerline of the runway. Therefore, structures would need to exceed an elevation of 1,685 feet MSL at the northern end of the runway and 1,638 feet at the southern end before they encroached into this Part 77 surface for the March Air Reserve Base runways.

3.2 PERMITTED USES

3.2.1 Permitted Uses

a) Heavy and Light Logistics/distribution and warehousing, including high-cube warehousing (including uses requiring refrigeration of up to 10,000 square feet)

b) E-Commerce, including fulfillment centers

c) Research and Development

d) Light Manufacturing and Assembly including aviation-related manufacturing

3.2.2 Ancillary Uses

An ancillary use is a permitted use which is subordinate to the primary permitted use. The following are uses which are permitted within the Specific Plan area as ancillary uses in support of and subordinate to the primary permitted uses.

a) Cellular transition facilities and structures.

b) Offices, including corporate, subsidiary and regional management offices.

c) Maintenance facilities (internal) associated with a permitted use.

d) Showrooms and retail uses not to exceed 5% of the gross building area.

e) Outdoor vehicle, equipment and container storage ancillary to an approved use accommodated within an approved building (outdoor storage shall be screened when facing the public right-of-way).

f) Short-term construction yards.

g) Public utility uses and structures.

h) Employee support uses including cafeteria/café and training facilities as an ancillary use.

i) Uses determined by the Planning Director to be similar and not more intensive than other allowed ancillary uses.

3.2.3 Conditional Uses subject to further Environmental Review

a) Aviation Related Facilities

b) Facilities incorporating greater than 5% total building area in showroom/retail space.

c) Cold Storage facilities larger than 10,000 S/F incorporating ammonia refrigeration or other refrigerants which are combustible or toxic.

3.2.4 Prohibited Uses

The following uses shall be prohibited within the Specific Plan:

a) Outdoor new or used car, truck, trailer and equipment sales.

b) Public Assembly facilities, inclusive of churches, assembly halls, schools, and libraries.

c) Retail/Restaurant as a primary use.

d) Above ground Petroleum Storage containers and below ground storage containers in excess of 10,000 gallons.

e) Uses inconsistent with the B2 Airport Land Use Compatibility Zone as identified in the current Airport Land Use Compatibility Plan.

f) Child care.

g) Medical related facilities involving the treatment of patients.

h) Solar panels: For projects that consider a roof or ground mounted solar photovoltaic system, a glare/glint study must be submitted to March ARB to examine the potential impacts on flight operations.

i) Temporary Uses except for construction trailers and security offices.

3.3 DEVELOPMENT STANDARDS

No building or portion thereof shall be erected, constructed, converted, established, altered, enlarged, nor shall any legal lot or premises be used unless the legal lot or premises and building comply with the following regulations and standards. The following development standards are minimums unless otherwise stated.

Table 3-1
Development Standards

Item	Dimension/Standard
Floor Area Ratio (maximum)	0.4[1]
Front Setback	20 feet
Side Setback	5 feet
Rear Setback (at Property Line)	25 feet minimum
Buildings over 35 feet in height	1,224' feet minimum[2], subject to compliance with the 7:1 slope.
Building Separation	100 feet
Site Landscaping	10%
Building Height (maximum)	48 feet

3.3.1 Parking

Parking within the Veterans Industrial Park 215 Specific Plan area shall be provided in accordance with the ratios in Table 3-2, *Parking*:

Table 3-2
Parking

Item	Parking Ratio
Office/Ancillary Retail	1 space/300 sf
Logistics[3]	
0-50,000 sf	1 space/1,000 sf
50,000 – 200,000 sf	1 space/3,000 sf
200,000 + sf	1 space/ 5,000 sf
Bicycle Parking	1 /20 auto stalls/5%
Carpool Stalls	5% of auto stalls
Electric Vehicle Charging Stations	2.5% of auto stalls or per CAL Green requirements

[1] Floor Area Ratio (FAR) shall be averaged - calculated across the entire Specific Plan Area. FAR shall not include mechanical mezzanines.
[2] Measured from runway centerline.
[3] Mechanical mezzanines shall not require additional parking.

3.3.2 General Design Standards

This section is intended to provide the general development regulations and standards for land uses located within the Specific Plan area. The following standards shall apply:

1. Buildings containing the land uses shall consist of quality architectural features.
2. Architectural elements such as pilasters, columns, canopies, porticos, colonnades, arcades, and other architectural elements may be incorporated.
3. In addition to the architectural elements standards expressed in this subsection, color changes, texture changes, and material changes shall be used.
4. Methods to reduce the likelihood of graffiti, such as creeping vines or other methods shall be incorporated, as appropriate.
5. Building entryways shall be clearly defined and incorporate architectural details.

Trash, Service, and Delivery Areas

1. Service areas and loading docks shall be screened from view from adjacent streets.
2. All outdoor storage areas for equipment shall be fully screened from view.
3. When appropriate, a landscape buffer may be provided along service/delivery areas.

   Trash enclosures shall be a minimum six (6) feet in height and should be architecturally compatible with the main building.

Mechanical Equipment

1. Rooftop mechanical equipment shall be securely fastened to the roof and fully screened with architectural elements consistent with the overall design of the primary structure.
2. Exterior ventilating and mechanical equipment shall not disturb neighboring occupants and shall be screened, shielded, and/or buffered from sound from adjacent properties.
3. All mechanical equipment, including aboveground utility boxes, telephone boxes, back flow preventers, cable boxes, or similar structures shall be fully screened from view from the closest adjacent public street. Screening shall not obstruct required equipment access required by the relevant utility provider.
4. Satellite dishes shall be roof-mounted and screened from view.

Lighting and Security

1. Site lighting shall be low or high-pressure sodium, maximum 750-watt, full cut-off fixtures, with the maximum light fixture height of 25 feet above finished grade, and a maximum lighting level of 0.5 foot candles at the property line. For LED lighting an equivalent wattage level shall be provided.
2. All freestanding light poles shall be located within landscaped areas. Concrete light pole bases shall be painted to match the primary building color or finished to match parking screening walls and shall not exceed 24' above finished grade.
3. No cameras may be oriented towards the runway and cameras must not record base airfield operations.
4. Perimeter fencing adjacent to airport runway must be a minimum of eight feet in height with three strands of barbed wire.

4 DESIGN GUIDELINES

This chapter explains design concepts and establishes design policies and design guidelines for development within the Specific Plan area. These guidelines address the built form as well as general guidelines related to mobility and parking, landscaping and signage.

The guidelines within this chapter describe and illustrate building designs, concepts, and features that will promote the high-quality development that is envisioned for the Specific Plan area. The design guidelines should be used in conjunction with the development standards described in Chapter 3: Development Regulations.

These design guidelines will serve to promote cohesive design and community identity. Graphics and photographic images are included as a visual reference and should not be interpreted as the only design solution. Creative approaches are encouraged.

These Design Guidelines serve the following functions:

- To provide the March JPA with assurance that the Veterans Industrial Park will be developed in accordance with the quality and character described within this Specific Plan.
- To establish design guidelines for site design, architecture, circulation, parking, lighting, and other distinguishing features.
- To provide guidance to JPA staff, and the Commission in the review of future implementing projects within the Specific Plan area
- To provide developers, builders, planners, architects, landscape architects and property owners with guidelines and recommendations, to aid in maintaining the high level of community cohesiveness and unity, while still allowing for a degree of personal expression.
- Encourage sustainable design solutions that reduce energy consumption, use water efficiently, and minimize waste.
- Create simple building designs that result in efficient use of space, materials, and resources while maintaining a high level of design integrity and authentic architectural style.

The terms "shall", "should", and "may" are used within the Design Guidelines. The term "shall" is used to denote a design standard where compliance is required. The term "should" is used to denote a guideline that is recommended, but not required in all circumstances. The term "may" is used to denote a design treatment that is allowed or optional.

These guidelines may be subject to modification over time to respond to unanticipated conditions, such as changes in the real estate market, specific needs of buildings users, technology advancements, and economic fluctuations.

4.1 INTRODUCTION

These Design Guidelines are intended to create quality development while allowing flexibility. Projects implementing this Specific Plan will depict detailed building footprints, parking lot layouts, internal circulation flow patterns, and landscaping, and should be in substantial conformance with the goal of these Design Guidelines. However, the Design Guidelines in this Section are not intended to be interpreted in a way that would unnecessarily burden the Developer(s) and their design professionals with the need to exactly replicate the exhibits included in these guidelines.

These Design Guidelines consist of two principal elements: Architecture and Landscape. These elements define the design concept, physical character, and overall theme of the Veterans Industrial Park. Text descriptions and graphic exhibits are used to convey the overall theme of the project.

The Architectural Design Guidelines address the industrial themed architecture for buildings permitted within the Veterans Industrial Plan and are intended to provide a basis for decisions regarding the

structural environment. A high-quality industrial project is defined by the guidelines provided for architectural design and details, building mass and scale, materials and exterior colors, and articulation.

The Landscape Guidelines present general landscaping requirements, including streetscape design, entry treatments, signage, water quality features, walls and fencing, and lighting. Plant material guidelines provide direction regarding the use of plant materials that complement the overall theme. The Landscape Design Guidelines also provide general requirements relating to water conservation.

4.2 ARCHITECTURE GUIDELINES AND STANDARDS

4.2.1 Building Form and Orientation

Building form is a defining feature of architecture. Shape, massing, scale, proportion, and articulation are all components of a building's form. The proposed architecture for the Veterans Industrial Park is a contemporary design appropriate to the proposed industrial use. Building Corners facing Van Buren Boulevard will be utilized for offices and show a higher level of articulation and fenestration than the logistics/warehouse components of the plan.

Figure 4-1, *Example Architecture*, illustrate elevations that comply with these design guidelines. Future building designs may vary from this example. Buildings within the Veterans Industrial Park 215 Specific Plan shall comply with the following guidelines:

- Buildings should be oriented so that loading areas are screened from view from streets and public areas.
- Buildings should be arranged to provide convenient access to entrances and efficient internal circulation for vehicles and pedestrians.
- Visitor parking should be located with convenient access to public building entries
- Indoor or outdoor break areas shall be provided.
- Architectural style should be of a classic, contemporary technical/industrial style with clean efficient lines. Simple geometric forms shall constitute the overall building form. Rectangular forms are encouraged to promote balance and visual interest. Arbitrary, complicated building forms and rooflines should be avoided.
- Building planes visible from Van Buren Boulevard should be articulated using changes in building materials, color, and/or decorative accents/scoring.
- Modulation and variation of building masses between adjacent buildings visible from Van Buren Boulevard or Western Way is encouraged.
- Materials applied to any elevations shall turn the corner of the building to a logical termination point in relation to architectural features or massing.
- Pedestrian entrances to buildings accessible to visitors should be identifiable through changes in massing, color, and/or building materials.
- Primary building entries shall be easily identified through the use of prominent architectural elements, signage, landscaping, lighting, canopies, roof form, hardscape, architectural projections, columns, vertical elements, or other design features that help emphasize the building's entry.

Source: RGA

Figure 4-1 Example Architecture

4.2.2 Materials and Colors

Complementary materials and colors play a key role in developing a pleasing visual environment. Slight variations from building to building are permitted within the Specific Plan area to provide visual interest.

- Materials shall be of a non-reflective material, including exterior ductwork, windows, and roofs.
- Appropriate primary exterior building materials within the Specific Plan area include tilt-up concrete panels, stucco, and concrete.
- Primary materials may be accented by secondary materials on elevations visible from public streets such as Van Buren Boulevard and Western Way. Appropriate secondary materials may include glass, natural or fabricated stone, metal, and tile or tile panel systems. Highly reflective materials on elevations facing the runway or the aircraft approach path are prohibited.
- Building materials shall be durable and able to withstand long-term exposure to the elements.
- Trim details may include metal finished in a consistent color, plaster, or concrete elements finished consistently with the building treatment. Foam cornice caps or moldings are discouraged.
- Colors and materials for all structures onsite should consist of earth tones. Use of at least two to three different colors, materials or textures is encouraged. Bright, primary colors are discouraged, except in tenant signage logos.
- Large expanses of smooth material (e.g., concrete) shall be broken up with expansion joints, reveals, or changes in texture and color.
- The color of exposed downspouts, service doors and mechanical screens should complement the color of the structure.

4.2.3 Windows and Doors

Windows and doors should be defined by function, consistent in form, pattern, and color. Appropriate treatments consist of functional glass use, a balance of glazing and wall surfaces, with no highly reflective surfaces facing the runway.

- Window layout should be in a repetitive pattern for visual continuity.
- Window and door styles and trims should be consistent within a building and among multiple buildings.
- Mirrored or highly reflective glass is not permitted.
- Pedestrian entries should be clearly defined.

4.2.4 Loading Docks and Service Doors

- Service doors, loading docks, and truck courts should be screened so they are not easily visible from public roads, unless the public road is substantially higher in elevation than the loading areas. Screening may be accomplished with solid walls compatible with the architectural style of the building or by a combination of screen walls, landscaping, and berms. Screen walls may be located at the foot or top of slopes to effectively screen loading areas.
- Docks and truck courts should be separated from visitor and customer parking areas and pedestrian walkways through the use of walls, fences and/or landscaping.

- No loading or unloading activity is permitted to take place from public streets or the internal drive aisles. Trucks shall have clear and convenient access into and within the truck courts of each building and should not disrupt vehicular and pedestrian circulation.

4.2.5 Security Elements

Cameras

The location and appearance of security cameras must be integrated with the architecture. The top of any roof-mounted camera must be below the top of the parapet.

- No cameras may be oriented towards the runway and cameras must not record base airfield operations.
- Cameras may be mounted on poles in parking lots
- Cameras may be mounted on building or screen walls with the top of the camera below the top of the parapet
- The color of the camera housing should match the color of the poles or the building wall.

Inappropriate Treatment

- Wall-mounted cameras with the top of the camera above the top of the parapet
- Exposed wiring
- Cameras mounted in spheres on arms projecting from building walls.

Fencing

Along the runway/airport boundary on the Specific Plan area's eastern edge, special security fencing shall be used. Fencing must be a minimum eight feet in height with three strands of barbed wire. This fencing shall be of a durable material (may be chain link) subject to JPA and March Air Reserve Base review.

Gating

Pedestrian and vehicular access gates visible from public areas (i.e., parking lots, streets, sidewalks, etc.) shall be constructed of a durable material, such as tubular steel.

4.2.6 Trash Enclosures

- All outdoor refuse bins or other containers must be screened within a permanent, durable enclosure and oriented away from public roads or other public view.
- The design of trash enclosures must be consistent with the architectural style, color, and materials of adjacent buildings.
- At least one trash enclosure shall be located adjacent to each building. Three sides of the trash enclosures will be constructed of concrete or block walls and the fourth side of a gate.

4.3 LANDSCAPE GUIDELINES

4.3.1 Landscape Master Plan

Landscape treatments around buildings will be designed to help break up the building massing by incorporating both tall, vertical trees and lower growing and broader canopy trees along Van Buren Boulevard. The ground plane will be landscaped with a mix of shrubs and ground cover plants to create a layered appearance. A Conceptual Landscape Plan for the Specific Plan area is illustrated on Figures 4-3,

and 4-4 *Landscape Master Plan*. Trees used within the Specific Plan will be selected from the list on Table 4-1 *Plant Materials*. Shrubs and groundcovers will be selected concurrent with final designs for individual projects within the Specific Plan area.

- Landscaping shall be provided in all setback areas of the Specific Plan area.
- The Specific Plan area shall comply with the landscape design measures to reduce water use contained within the MJPA Development Code Section 9.17.
- Streetscapes will incorporate low water use plant materials to minimize irrigation needs. Open space areas not planted with living material should utilize permeable materials such as decomposed granite, mulch and/or rocks/cobble to reduce irrigation demands where possible.
- The community shall be irrigated with reclaimed or recycled water if available.
- Planting areas will be irrigated with a high efficiency automatic irrigation system.

Figure 4-2 Van Buren Boulevard Streetscape Edge

4.3.2 Water Quality

Bio-retention basins are included in the drainage plan for the Specific Plan. The basins are shallow impoundments designed to collect, treat, and detain stormwater runoff before discharging it. In addition to functioning as storm water/water treatment facilities, water quality features such as bioswales need to consider their impact on the overall aesthetics of the project. Whenever possible, these facilities will be carefully sited and integrated into landscaped areas if possible, and to avoid the look of engineered, utilitarian facilities. The design should be integrated into the landscape and appear as a landscape feature, while incorporating acceptable plant material.

Infiltration Basin (Source: SoCal LID Manual)

Vegetative cover is important to minimize erosion and ensure that treatment occurs in biofiltration basins. To prevent basins from being used as walkways or passive recreation areas to the extent that their primary function is compromised, bioretention facilities will be planted with a combination of small trees along the upper edges, densely planted shrubs, and natural grasses (see Table 4-2).

The following guidelines should be followed:

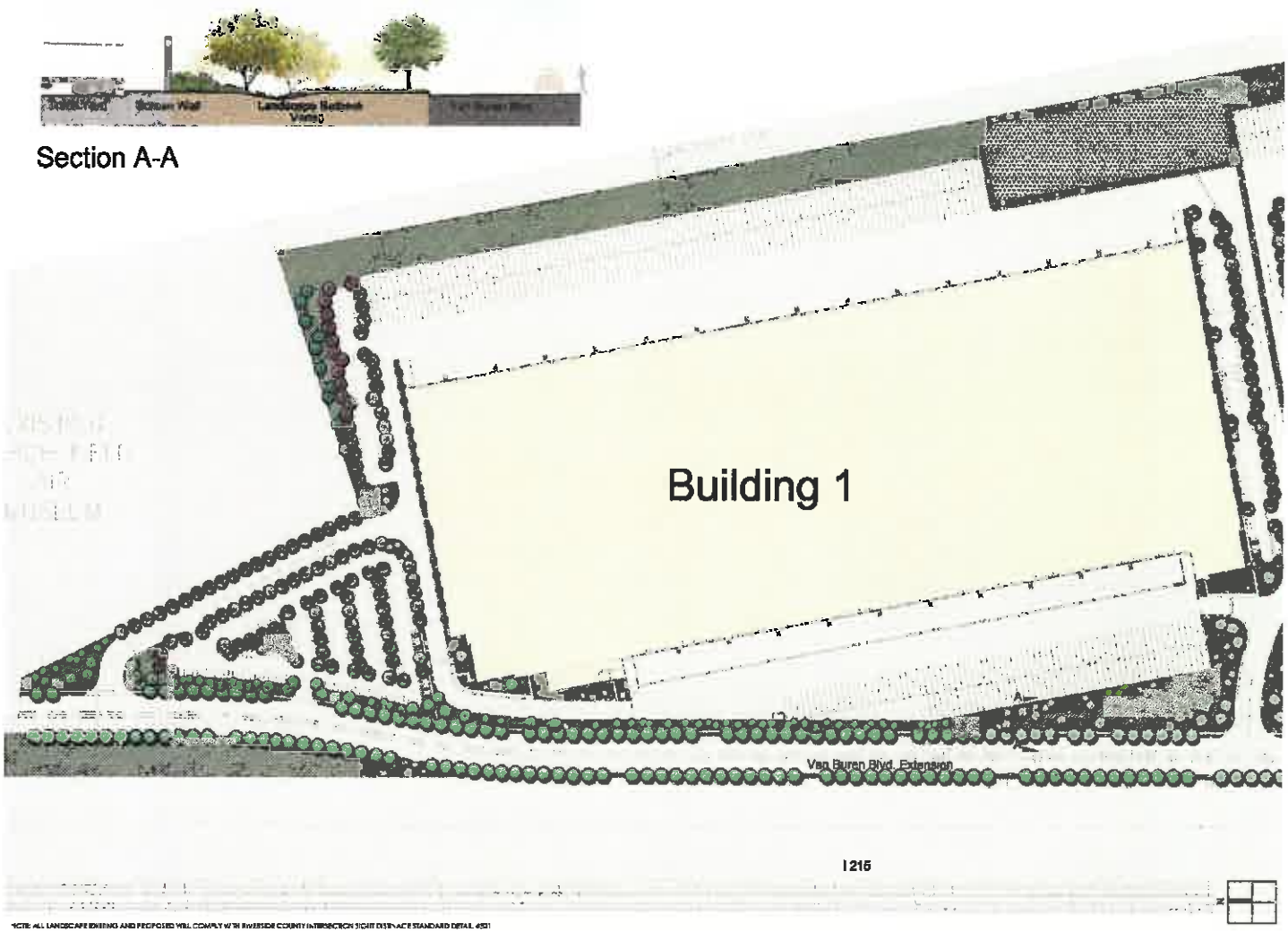
- The basin area should be designed for at least 70 percent mature coverage to maximize biofiltration. Basin bottoms shall be constructed of porous material to allow for water penetration.
- Grasses should be native or ornamental; preferably ones that do not need to be mowed.
- The application of fertilizers and pesticides should be minimal.
- To maintain oxygen levels for the vegetation and promote biodegradation, and to comply with aviation-related restrictions related to ponding, it is important that vegetation not be completely submerged for any extended period of time.

Table 4-1
Plant Materials - Trees

Botanical Name	Common Name	Size	WUCOLS	Remarks
Cercidium 'Desert Museum'	Blue Palo Verde	24" Box	L	Multi
Chilopsis linearis	Desert Willow	24" Box	L	Multi
Chitalpa tashkentensis	Chitalpa	24" Box	L	Standard
Prosopis ssp.	Mesquite Tree	24" Box	M	Standard
Acacia smallii	Acacia	24" Box	L	Multi
Acacia stenophylla	Shoestring Acacia	24" Box	L	Multi
Pinus canariensis	Canary Island Pine	24" Box	M	Standard
Pinus eldarica	Afghan Pine	24" Box	L	Standard
Rhus lancea	African Sumac	24" Box	L	Standard
Tristania conferta	Brisbane Box	24" Box	M	Standard
Washington robusta	Mexican Fan Palm	10' bt	L	Skinned
Brahia armata	Blue Fan Palm	15 Gal	M	Standard

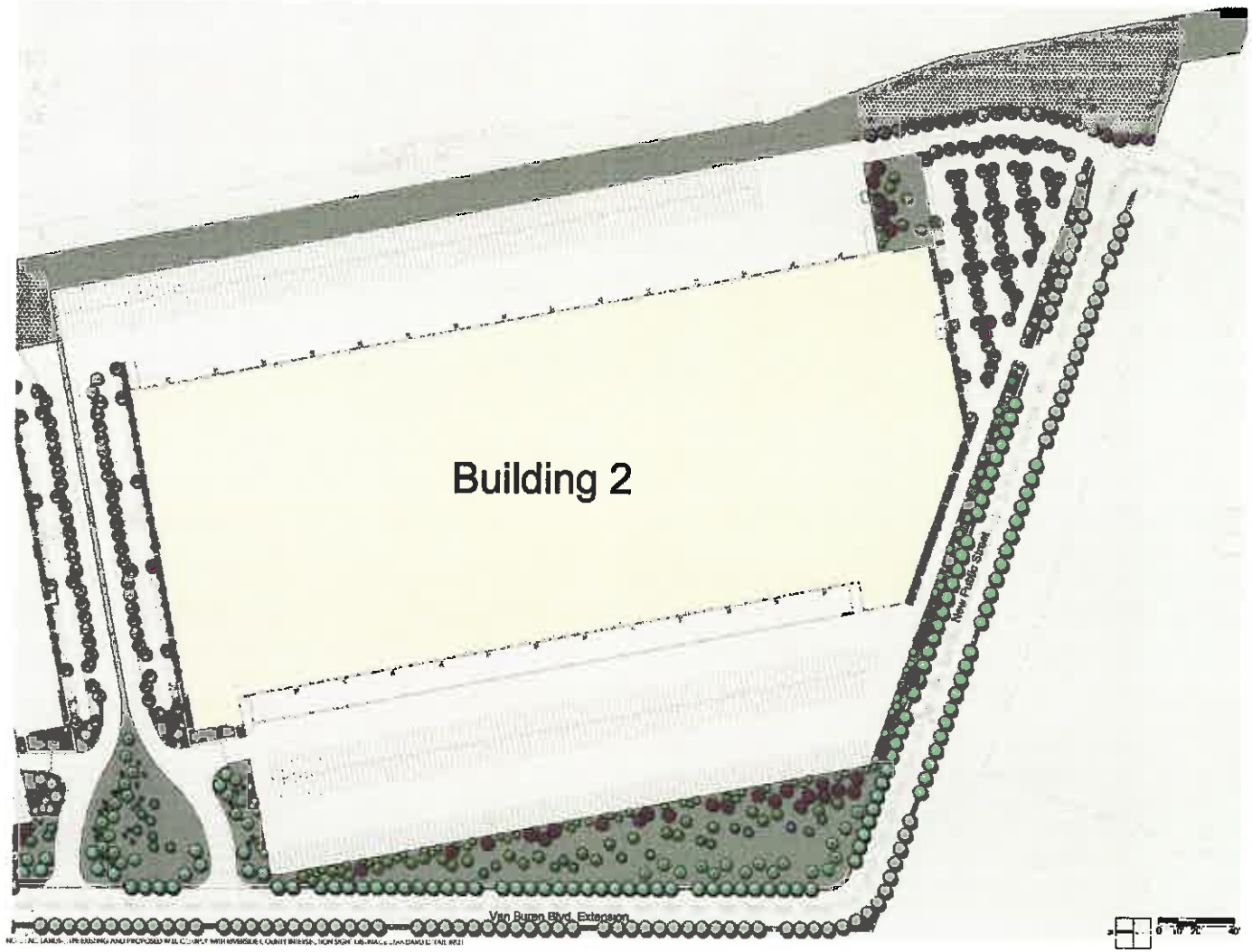
Table 4-1 (cont'd)
Plant Materials - Shrubs

Botanical Name	Common Name	Size	WUCOLS	Remarks
Cistus 'Sunset Pink'	Sunset Pink Rockrose	5 Gal	M	
Leucophyllum ssp.	Texas Ranger	5 Gal	L	
Ligustrum j. Texanum	Texas Privet	5 Gal	M	
Salvia c. 'Allen Chickering'	Allen Chickering Sage	5 Gal	L	
Salvia greggii	Autumn Sage	5 Gal	L	
Slavia leucantha	Mexican Sage	5 Gal	L	
Senna artemisioides	Feathery Cassia	5 Gal	L	
Caesalpinia pulcherrima	Red Bird of Paradise	5 Gal	L	
Tecoma stans	Yellow Bells	5 Gal	L	
Artemisia spp.	Wormwood	5 Gal	L	
Rhamnus spp.	Coffeeberry	5 Gal	L	



Source: Hunter Landscape

Figure 4-3 Planning Area 1 Landscape Plan



Source: Hunter Landscape

Figure 4-4 Planning Area 2 Landscape Plan

Table 4-1 (Cont'd) Plant Materials - Accents				
Latin Name	Common Name	Size	WUCOLS	Remarks
Agave spp.	Agave	5 Gal	L	
Aloe spp.	Aloe	5 Gal	L	
Dasylerion wheeleri	Desert Spoon	5 Gal	L	
Hesperaloe parviflora	Red Yucca	5 Gal	L	
Lantana 'Gold Mound'	Yellow Lantana	5 Gal	L	
Baileya multiradiata	Desert Marigold	5 Gal	L	

Table 4-1 (Cont'd) Plant Materials - Groundcovers					
Latin Name	Common Name	Size	Spacing	WUCOLS	Remarks
Acacia redolens 'Low Boy'	Dwarf Acacia	1 Gal	8' O.C.	L	
Baccharis p. 'Pigeon Point	Dwarf Coyote Bush	1 Gal	6' O.C.	L	
Baccharis p. 'Centenial'	Coyote Bush	1 Gal	48" O.C.	L	
Carex pansa	California Meadow Sedge	4" Pots	12" O.C.	M	Grass
Carex tumulicola	Foothill Sedge	1 Gal	18" O.C.	M	Grass
Festuca mairei	Altas Fescue	1 Gal	24" O.C.	M	Grass
Festuca o. 'Glauca'	Blue Fescue	1 Gal	12" O.C.	M	Grass
Hemerocallis hybridus-Yellow	Yellow Day Lily	1 Gal	24" O.C.	M	
Lantana 'Gold Mound'	Yellow Lantana	1 Gal	36" O.C.	L	
Lonicera j. 'Halliana'	Hall's Honeysuckle	1 Gal	48" O.C.	L	
Muhlenbergia capillaris	Pink Muhly	1 Gal	36" O.C.	L	Grass
Myoporum parvifolium	Myoporum	1 Gal	36" O.C.	L	
Nassella tenuissima	Mexican Feather Grass	1 Gal	24" O.C.	VL	Grass
Pennisetum messiacum	Red Bunny Tails Fountain Grass	1 Gal	30" O.C.	L	Grass
Pennisetum a. Little Bunny	Little Bunny Fountain Grass	1 Gal	12" O.C.	L	Grass
Pennisetum orientale	Oriental Fountain Grass	1 Gal	30" O.C.	L	Grass
Pennisetum rubrum	Purple Fountain Grass	1 Gal	36" O.C.	L	Grass
Rosmarinus o. 'Huntington Carpet'	Prostrate Rosemary	1 Gal	48" O.C.	L	
Salvia 'Bees Bliss'	Bee's Bliss Sage	1 Gal	48" O.C.	L	
Senecio mandraliscae	Blue Fingers	4" Pots	12" O.C.	M	
Sesleria autumnalis	Moor Grass	1 Gal	18" O.C.	M	Grass

Table 4-2 Bioretention Basin Seed Mix	
Latin Name	**Common Name**
Achillea millefolium	Yarrow
Eschscholzia caespitosa	Foothill Poppy
Juncus bufonius	Toad Rush
Leymus tritcoides Rio	Wild Rye
Descampsia cespitosa	Tufted hairgrass
Festuca rubra "Molate"	Red Fescue
Hordium brachyantherum	Meadow Barley
Muhlenbergia rigens	Deergrass

4.3.3 Utility Placement and Screening

All exterior ground-mounted equipment--including, but not limited to, mechanical equipment, electrical equipment, emergency generators, boilers, storage tanks, risers, electrical conduit, gas lines, cellular telephone facilities, and satellite dishes must be screened from on-site and off-site view by a combination of decorative walls (where appropriate) and dense landscaping.

- Utility boxes should be grouped where possible and placed in landscape setbacks and/or shrub/groundcover areas.
- Above grade utility boxes should be screened and planted to the extent possible while allowing required access and clearance, and providing for adequate sight distance if located near intersections.

  Inappropriate Screening Treatments

  - Screening materials contrasting with adjacent structures
  - Chain link fencing
  - Lack of landscape buffering

Roof-mounted mechanical equipment shall be fully screened by a parapet wall equal to or exceeding the height of the mechanical units, subject to FAA height limits.

4.3.4 Walls and Fences

Walls and fences must be designed as an integral part of the overall architectural or landscaping design concept. Within designated edge treatment areas, proposed fencing shall be included in the required Concept Plan.

- Along the runway/airport boundary on the Specific Plan area's eastern edge, special security fencing shall be used. Fencing must be a minimum eight feet in height with three strands of barbed wire. This fencing shall be of a durable material (may be chain link) subject to MJPA and March Air Reserve Base review.

- Six-Foot Tubular Steel Fences are provided around the Water Quality Basins to provide safety and security for pedestrians walking near the Basins. The Tubular Steel Fence is constructed from steel pickets painted black.
- Screening walls for trucks shall be 12' high (minimum).

Pedestrian and vehicular access gates visible from public areas such as parking lots and public streets shall be constructed of a durable material, such as tubular steel.

Plot Plans must include all site fencing, truck screening wall, and gate details.

Materials

Walls are to be constructed of materials compatible with the overall design character of the building. Walls shall be poured-in-place concrete or painted tilt-up screen walls. Fences shall be wrought iron or tubular steel. Chain link fencing is not permitted except for security fencing along the runway.

Design elements may include:

- Varied heights
- wall plane offsets
- Scoring or other decorative elements
- Pilasters or distinctive elements.
- Minor changes of material and finishes where appropriate.
- Trellis/vine panels or landscape pockets.

4.3.5 Exterior Lighting

Lighting will utilize high efficiency technologies, dark-sky cutoffs, strategic orientation to avoid spillover into adjacent properties, the adjacent runway, and open space areas, and appropriate shielding or recesses to minimize glare and reflections.

Street and parking lot lighting will meet JPA standards.

- Exterior lighting should be unobtrusive and not cause glare or spillover into neighboring properties, especially when within 100 feet of open space or adjacent runways. Lighting fixtures must be fully shielded to direct illumination downward to minimize light pollution impacts.
- Adequate lighting should be provided throughout the site to create an inviting and non-threatening environment. Night lighting of public spaces should be kept to the minimum necessary for safety and security purposes.
- The scale, materials, colors, and design detail of on-site light posts and fixtures should reflect the desired character of the Specific Plan area and the architectural style of the surrounding buildings. Light posts should be appropriately scaled to pedestrians near sidewalks and other areas of pedestrian circulation. Extremely tall light posts and fixtures should be avoided – maximum height is 25 feet. Bollard lighting is encouraged to illuminate walkways without providing spillover.
- Lighting fixtures should be compatible with the architectural style and character of the building. The color, size, placement, and number of fixtures should enhance the overall design and character of the building and site.
- Energy efficient, low voltage lighting is strongly encouraged. Decorative lighting should be low intensity. LED lighting below 2500 Kelvin is also allowed.
- If security lighting is required, fixtures should be hooded, recessed, and/or located in such a manner to only illuminate the intended area.
- Addresses should be visible from streets and illuminated at night.

4.3.6 Signage

Signage will be provided in accordance with a Sign Program prepared prior to building permit issuance. The Signage will conform to MJPA Development Code requirements.

5 ADMINISTRATION AND IMPLEMENTATION

This chapter discusses the development review procedures by the March JPA and other relevant permitting agencies applicable to the Specific Plan. A process for amendments to the Specific Plan is discussed as well as a process for substantial conformance determinations.

The purpose of this chapter is to provide an outline of the steps necessary to implement the Veterans Industrial Park 215 Specific Plan and applicable regulations in coordination with the March JPA and other governing public agencies. This chapter is intended to address each of these elements for the benefit of the development team, the MJPA and other relevant agencies, and interested citizens.

The approval of this Specific Plan, certification of an Environmental Impact Report, and adoption of conditions of approval and a Mitigation Monitoring and Reporting Program (MMRP) will assure that timely mitigation of project impacts takes place at the appropriate milestones and in accordance with project implementation.

5.1 ADMINISTRATION

California Government Code (Title 7, Division 1, Chapter 3, Article 8, Sections 65450 et seq.) grants authority to agencies to utilize Specific Plans for purposes of implementing the goals and policies of the General Plan.

This Specific Plan establishes a set of regulations, standards, guidelines, and processes for the proposed development, and shall constitute the zoning for development within the Specific Plan area.

5.1.1 Responsibility

The March JPA's Planning Department, its Director or their designee shall be responsible for administering the Veterans Industrial Park 215 Specific Plan in accordance with the provisions of this Specific Plan document, all governing and applicable state and federal laws, the March JPA General Plan, and the March JPA Development Code.

5.1.2 Applicability

The Veterans Industrial Park 215 Specific Plan serves as the implementation tool for the zoning for the Specific Plan Area. The Specific Plan addresses permitted uses, development standards, and design guidelines.

5.1.3 Enforcement and Interpretation

The JPA shall enforce the provisions of the Specific Plan in the same manner that it enforces the provisions of the General Plan and Development Code.

Whenever the provisions contained in the Specific Plan conflict with the Development Code, the provisions of the Specific Plan shall take precedence. Any ambiguity concerning the content or application of the Veterans Industrial Park 215 Specific Plan shall be resolved by the Planning Director, or their designee. Such interpretations shall take into account the stated goals and intent of the Specific Plan.

5.1.4 Severability

If any portion of this Specific Plan and its regulations are declared to be invalid or ineffective in whole or in part by a court of competent jurisdiction, such decision shall not affect the validity of the remaining portions thereof.

5.1.5 Initial Entitlements

Initial entitlements required for development of the Specific Plan area include the following actions to be taken by the JPA:

- Environmental Impact Report ("EIR") – The Veterans Industrial Park 215 Specific Plan is a discretionary project and is subject to the requirements of the California Environmental Quality

Act ("CEQA"). As part of the approval process for the Specific Plan, an Environmental Impact Report must be considered and certified by the JPA prior to approval of any of the project-related entitlements.

- General Plan Amendment – The Project site is presently identified as "Aviation" by the General Plan. An amendment of the General Plan Land Use map will be required to add a "Specific Plan" designation (SP-8) to the underlying Aviation designation. In addition, an amendment to the list of uses within the designation would include the addition of general warehousing/logistics.
- Specific Plan – The Project site is presently un-zoned. The Veterans Industrial Park 215 Specific Plan is a regulatory document that establishes the zoning, land use designations, development standards, and design guidelines for the entire Specific Plan project area. The Specific Plan will implement the JPA's General Plan. The Specific Plan will be considered by the Joint Powers Commission (JPC) and will be adopted by Ordinance. Tract/parcel maps or plot plans must be in substantial compliance with the adopted Specific Plan.
- Plot Plan. The site development plan for the project, consisting of two buildings of approximately 2,185,618 square feet, parking, landscaping, drainage facilities, and new streets.
- Subdivision Map – The Subdivision Map is a basic tool for implementation of a Specific Plan. The project's Tentative Parcel Map will create the individual lots for project development, formalize the parcel boundaries, and provide for public rights-of-way for Project access. A Tentative Parcel Map has been prepared (TMP 37220) and will be considered by the JPA concurrently with the review of this Specific Plan. The Parcel Map creates the backbone road rights-of-way, and two development parcels.
- Development Agreement/Disposition and Development Agreement – A statutory development agreement, authorized pursuant to California Government Code Section 65864 et seq., will be processed as part of the approval of this Specific Plan. The development agreement of this Specific Plan will include, among other items, methods for financing acquisition and construction of infrastructure. Such development agreement shall be fully approved before the issuance of the first building permit for this project. In addition, and Disposition and Development Agreement (DDA) will be executed to formalize the land transaction.

5.1.6 Substantial Conformance

Final development plans for the project may be adjusted or modified based on final design and engineering and the precise development plans of the builder. Substantial Conformance is a mechanism to allow the approval of minor modifications for development under the Specific Plan.

Written documentation requesting a proposed minor modification to support an implementing map, site plan, or use permit or modification of conditions of approval must be submitted for the review and approval of the Planning Director or their designee in accordance with Section 9.02.280 and Section 9.02.290 of the March JPA Development Code.

A Substantial Conformance application shall be subject to minor development review procedures. A substantial conformance application may be filed in lieu of an applicable minor development review application, provided that the proposal complies with the limitations described below:

- That the proposal is not inconsistent with the expressed intent of the original project approval;

- That the proposal qualifies as a categorical exemption under the California Environmental Quality Act and/or the proposal is consistent with the environmental determination for the original project and where no further environmental determination is necessary; and
- That the proposed modifications do not have the potential to adversely affect surrounding land uses or improvements.

5.1.7 Amendments

Substantial modifications to the Specific Plan would require an Amendment. A minor modification or adjustment to the Specific Plan listed in the section above would not require a Specific Plan Amendment.

An amendment to the Specific Plan is required if the following occur:

- Changes to the overall Specific Plan boundaries to include ownerships or properties not included in the Specific Plan at the time of approval (changes to planning area boundaries within the Specific Plan boundaries are deemed minor as noted above and would not require an amendment);
- Any increase in the overall development intensity thresholds within the Specific Plan; or
- Any addition of new land uses not contemplated by the Specific Plan's Development Regulations.

5.1.8 Appeals

An appeal of any determination, decision, or requirement of the March JPA Planning Director shall be made in conformance with the appeal procedures established by the Development Code Section 9.02.240.

5.2 IMPLEMENTATION

5.2.1 Adoption

The Veterans Industrial Park 215 Specific Plan will be prepared, submitted, and approved in a manner consistent with California Government Section 65451, as well as Chapter 9.13 of the JPA's Development Code. The Specific Plan will be adopted by Ordinance and shall serve as the zoning for the Veterans Industrial Park 215 project area. The approved Specific Plan project site will be designated on the JPA's General Plan Land Use Diagram and Zoning Map as the Veterans Industrial Park 215 Specific Plan. The land use and development standards identified in this Specific Plan document supersede all zoning regulations to the extent that they would be in conflict with the sections of this Specific Plan.

5.2.2 Phasing

Construction of the proposed project, including recordation of final subdivision map(s), and plot plan review may be progressively implemented in stages, provided that vehicular access, public facilities, and infrastructure are constructed to adequately service the development, or as needed for public health and safety.

Any project phasing would:

- Provide for the orderly build-out based upon market demand;
- Provide adequate infrastructure to service the project;
- Phases may occur concurrently so long as the associated infrastructure is provided.

5.2.3 Maintenance and Ownership

Maintenance of facilities within the Veterans Industrial Park 215 Specific Plan will be accomplished through a combination of public and private mechanisms. Generally, facilities dedicated to public agencies will be maintained by that agency, while private facilities will be maintained by a private maintenance mechanism. Table 5-1, *Financing, Ownership, and Maintenance* outlines the anticipated program.

A Business Association and/or multiple associations may be formed to address the maintenance of private drives, shared driveways, landscaping, signage, water quality features, and private infrastructure within the Specific Plan.

Table 5-1
Financing, Ownership, and Maintenance

Improvement	Financing	Ownership	Maintenance
Water System (off-site)	Developer	Public	Public
Water System (on-site)	Developer	Private	Private
Sewer System (off-site)	Developer	Public	Public
Sewer System (on-site)	Developer	Private	Private
Drainage System On-site Regional	 Developer Developer	 Private Public	 Private Public
Public Street Improvements	Developer	MJPA	MJPA
Private Internal Streets and driveways	Developer/Builder	Private	Private
Landscaping within Public Right-of-Way	Developer	MJPA	MJPA/Private

5.2.4 Relationship to CEQA

The California Environmental Quality Act (CEQA) classifies a specific plan as a "project" which is subject to environmental review. An Environmental Impact Report (EIR) is required prior to adoption of this Specific Plan to analyze potentially significant environmental impacts of the project, discuss feasible alternatives, and recommend feasible mitigation measures in compliance with the provision of CEQA. This EIR will analyze the Specific Plan and address potential impacts associated with the development of the Specific Plan area. The EIR will include recommended mitigation measures and analyzes implementing actions for the development. The EIR will fulfill the requirements for environmental documentation for most subsequent discretionary and ministerial applications for development within the Specific Plan area.

An approved Mitigation Monitoring Program will insure that the Specific Plan complies with all applicable environmental mitigation and permit requirements. The final approved Mitigation Monitoring program shall be established upon EIR certification by the MJPA.

6 APPENDICES

- Legal Description
- General Plan Conformance
- Land Use Compatibility Plan

APPENDIX A
LEGAL DESCRIPTION

THE LEGAL DESCRIPTION SHOWN HEREON HAS BEEN PREPARED BY THE SURVEYOR OF RECORD FOR THE PURPOSE OF DEPICTING THE AREA TO BE INCLUDED IN THIS SURVEY ONLY. SAID DESCRIPTION IS NOT TO BE USED FOR CONVEYANCE OF TITLE OF ANY NATURE.

THAT PORTION SECTIONS 25, 26, 35 AND 36, TOWNSHIP 3 SOUTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, SHOWN AS PARCEL 11 ON MAP FILED IN BOOK 110 PAGES 30 TO 40 INCLUSIVE, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER, OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°06'59" WEST 670.29 FEET IN THE EASTERLY BOUNDARY OF SAID PARCEL 11, SAID SOUTHERLY TERMINUS ALSO BEING A POINT ON THE NORTHERLY LINE OF PARCEL MAP NO. 8698, AS PER MAP FILED IN BOOK 37 PAGE 90, OF PARCEL MAPS IN THE OFFICE OF SAID RECORDER; THENCE ALONG SAID NORTHERLY LINE SOUTH 89°53'52" WEST 117.66 FEET; THENCE LEAVING SAID NORTHERLY LINE NORTH 30°09'25" WEST 124.78 FEET TO A LINE PARALLEL WITH 108.00 FEET NORTHERLY, MEASURED AT RIGHT ANGLES, FROM SAID NORTHERLY LINE; THENCE ALONG SAID PARALLEL LINE SOUTH 89°53'52" WEST 1955.75 FEET TO THE EASTERLY BOUNDARY OF CALIFORNIA STATE ROUTE 215, AS SHOWN ON CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTATION MAP 45680 ON FILE IN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION; THENCE ALONG SAID EASTERLY BOUNDARY NORTH 19°22'43" WEST 4259.32 FEET; THENCE LEAVING SAID EASTERLY BOUNDARY NORTH 77°53'09" EAST 120.23 FEET; THENCE SOUTH 17°20'02" EAST 24.72 FEET; THENCE NORTH 75°40'21" EAST 81.83 FEET; THENCE SOUTH 45°37'50" EAST 766.67 FEET; THENCE NORTH 52°14'06" EAST 614.61 FEET TO THE NORTHWESTERLY TERMINUS OF THAT CERTAIN COURSE SHOWN AS HAVING A BEARING AND DISTANCE OF NORTH 30°07'27" WEST 3507.80 FEET IN THE BOUNDARY OF THE "MARCH AIR RESERVE BASE" AS SHOWN ON MAP FILED IN BOOK 124 PAGES 69 TO 81 INCLUSIVE OF SAID RECORDS OF SURVEY; THENCE ALONG SAID LAST MENTIONED BOUNDARY AS FOLLOWS: SOUTH 30°07'25" EAST 3507.87 FEET; THENCE SOUTH 49°46'59" WEST 73.50 FEET; THENCE SOUTH 39°57'49" EAST 421.43 FEET; THENCE SOUTH 30°06'29" EAST 670.22 FEET TO THE POINT OF BEGINNING.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Goal 1	*Land Use Plan provides for a balanced mix of land uses that contribute to the regional setting, can capitalize on the assets of the Planning Area, while insuring compatibility throughout the Planning Area and with regional plans.*	The project provides for logistics/industrial uses. These uses are compatible with the General Plan and the adjacent Perris Valley Commerce Center Specific Plan. The project will include a General Plan Amendment adding a Specific Plan Overlay designation to the Site. Consistent with the Reuse Plan and General Plan, the project will continue to improve the balance of population and employment in the project vicinity, providing an opportunity for residents to work locally, rather than commute to surrounding areas throughout the region.
Policy 1.1	*Provide for a mix of land uses which implement the Base Master Reuse Plan for March AFB; offer a variety of employment opportunities; and capitalizes, enhances and expands upon existing physical and economic assets of the Planning Area.*	See response to Land Use Goal 1.
Policy 1.2	*Develop and maintain a system of land use designations and zoning districts which will provide locations for commercial, business park, manufacturing, aviation, public, and open space uses, and which actuates compatible and synergistic land uses.*	See response to Land Use Goal 1.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Policy 1.3	*Provide for patterns of land use which can be supported by existing and planned circulation, public facilities, and infrastructure system improvements in a manner that will preserve the March JPA's fiscal capacity.*	The project is consistent with the approved General Plan circulation plan. The project will extend Van Buren Boulevard south of the March Air Field Museum. The General Plan designates the Van Buren Boulevard extension as a Major Arterial. This segment of Van Buren Boulevard will be designed as a Modified Secondary Highway, which while providing two traffic lanes, provides 97-feet of right-of-way instead of 100-feet of right-of-way the General Plan assigned to a Major Arterial. An additional 20-foot separation between the edge of sidewalk and screen walls associated with the Veterans Park Specific Plan. In addition, the project EIR will evaluate the utility providers' ability to serve the project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development.
Policy 1.4	Use specific and/or master plan processes for the coordinated development of large properties to ensure cohesive, comprehensive development.	The property does not currently have a zoning designation. The General Plan land use is Aviation, which would allow for a variety of uses including hangars, aviation support services, air cargo storage, fixed based operations, and aviation operations services. The Site does not have direct access to flying facilities. As such, industrial facilities described in the Specific Plan will allow for a mix of logistics center uses that could support e-commerce, wholesale, storage, distribution, manufacturing and/or assembly centers. It is anticipated that these uses would support airport-related businesses in the future.
Policy 1.5	*Provide for a variety of industrial uses, including heavy manufacturing, light manufacturing, warehousing and distribution, transportation - related, and research and development.*	The project will provide a mix of logistics center uses that could support e-commerce, wholesale, storage, distribution, manufacturing and/or assembly centers.
Policy 1.6	*Locate and group commercial and industrial uses which are oriented toward regional service/market areas to promote utilization of regional transportation facilities and development-supporting infrastructure.*	See response to Land Use Goal 1.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Policy 1.9	*Plan for compatible land uses within the aircraft noise impact contours depicted in the Air Installation Compatible Use Zones (AICUZ) Report for the airfield use.*	The project does not include specific aviation-related facilities, however, the development concept could support airport related businesses. Building height and uses described within the Specific Plan are consistent with the AICUZ guidelines and requirements.
Goal 2	*Locate land uses to minimize land use conflict or creating competing land uses, and achieve maximum land use compatibility while improving or maintaining the desired integrity of the Planning Area and subregion.*	The project provides the same types of land uses as designated in the General Plan. These land uses are compatible with the surrounding land uses. Incompatible or competing land uses will not be allowed in the project area.
Policy 2.1	*Avoid conflicts and incompatibilities between land uses through the use of landscaped setbacks and buffers, site design, site orientation, architectural features, walls or fences, density/intensity reductions, reduced hours of operation for commercial and industrial uses, shielding of lighting, and the like.*	The Specific Plan Design Guidelines provide the architectural, signage, walls and fences, lighting, and landscaping standards to help alleviate any land use incompatibilities with the surrounding areas.
Policy 2.3	*Support land uses that provide a balanced land use pattern of the Planning Area, and discourage land uses that conflict of compete with the services and/or plans of adjoining jurisdictions.*	See response to Land Use Goal 2.
Policy 2.4	*Protect the interests of, and existing commitments to adjacent residents, property owners, and local jurisdictions in planning land uses.*	See response to Land Use Goal 2.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Goal 3	*Manage growth and development to avoid adverse environmental and fiscal effects.*	Development of the project is bound by the terms and conditions of the Development Agreement between the Master Developer and the March JPA. The project will be required to implement the applicable infrastructure and services per the Development Agreement. The Development Agreement accommodates a number of financing strategies to fund public improvements and minimize fiscal impacts.
Policy 3.1	*Manage growth so that its rate does not exceed the ability of March JP A or service districts to provide for an acceptable level of public facilities and services.*	The project EIR will evaluate the utility providers' ability to serve the project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development.
Goal 4	*Develop an identity and foster quality development within the Planning Area.*	The Specific Plan Design Guidelines will provide the architectural, signage, parking, and landscaping standards to achieve the goals of both project identity and quality development.
Policy 4.1	*Develop and maintain a land use plan for the Planning Area which proposes compatible land uses to create distinct, identifiable historic, commercial, industrial, public, and aviation areas.*	See Response to Land Use Goal 1.
Policy 4.4	*Develop a distinctive community identity for commercial , business park and industrial developments that reflect the character and atmosphere of March JPA Planning Area through the use of good planning and design principals , and sound development practices which serve as guidelines for building materials, colors, site design and orientation, and landscaping.*	See responses to Land Use Goals 1 and 4.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Policy 4.7	*Develop and enhance the economic climate and create a balanced business community to serve the work force, commerce and industry of the region.*	See response to Land Use Goal 1.
Goal 5	*Maximize and enhance the tax base and generation of jobs through new, reuse and joint use opportunities.*	The project will expand on the large employment center concept started by the adjacent Meridian Specific Plan and Perris Valley Commerce Center Specific Plan. As such, it will provide a substantial enhancement to the tax base.
Policy 5.1	*Support the development and establishment of new employment centers and economic development activities that contribute to an improved tax base.*	See response to Land Use Goal 5.
Policy 5.2	*Encourage and facilitate the creation of public/private partnerships that will invest in, and further the implementation of the March AFB Master Reuse Plan.*	Riverside Inland Development, LLC, has entered into a Memorandum of Understanding with March JPA related to development of the property within the Specific Plan area. The applicant, Riverside Inland Development, LLC, has assumed the responsibilities and obligations of the Master Developer for the remaining areas of the former March Air Force Base (which includes this project area) in a Disposition and Development Agreement which will be processed concurrently with the Veterans Industrial Park 215 Specific Plan.
Policy 5.5	*Encourage the development of commercial, business park and industrial centers to expand the employment and fiscal base of the March JPA Planning Area and the western Riverside County Subregion.*	See response to Land Use Goal 1.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Goal 6	*Support the continued Military Mission of March Air Reserve Base, and preservation of the airfield from incompatible land use encroachment.*	The project is designed to incorporate appropriate uses as defined in the Air Installation Compatible Use Zone (AICUZ) Study, Airport Layout Plan, Department of Defense Instructions and Air Force Instructions.
Policy 6.3	*Ensure that plans and development do not interfere, conflict or degrade the military mission of March ARB.*	See response to Land Use Goal 6.
Policy 6.4	*Ensure that plans and development do not conflict with the long-term needs of the Air Force Reserve in terms of encroachment, noise, accident zone, constraints, etc.*	See response to Land Use Goal 6.
Policy 6.5	*Ensure that plans and development conform to the draft Comprehensive Land Use Plan for March AFB/March Inland Port.*	See response to Land Use Goal 6.
Policy 6.8	*Ensure that land uses adhere to both military and civilian Part 77 conical surface criteria, relative to height restrictions.*	The project will obtain concurrence letters from the FAA stating, "no hazard to air navigation" for the proposed buildings within the development.
Goal 7	*Maximize the development potential as a regional Intermodal Transportation facility to support both passenger and freight related air services*	The Veterans Industrial Park 215 Specific Plan includes industrial land uses compatible with the adjacent aviation uses through compliance with runway height limitations, provision of security fencing, and provision of warehousing, and logistics, which could support aviation-related business.
Policy 7.6	*Plan for compatible land uses within the aviation area.*	See response to Land Use Goal 7.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Goal 8	*Preserve the natural beauty, minimize degradation of the March JPA Planning Area, and provide enhancement of environmental resources and scenic vistas.*	There are no known sensitive environmental areas near the site. A jurisdictional drainage channel is present, crossing the project site; impacts to this drainage will be addressed through a permitting process with appropriate agencies. Design features and mitigation measures to minimize the impacts to potential sensitive land uses from the project will be evaluated during the environmental review process.
Policy 8.1	*Where practical, revegetate graded area with native plants compatible to the area to prevent erosion.*	The project will comply with the requirements of the California Construction General Permit (SWRCB Orders No. 2009-009-DWQ as amended by Order 2010-0014-DWQ and Order 2012-006-DWQ) and employ Best Management Practices (BMPs) to minimize erosion for graded areas.
Goal 10	*Avoid undue burdening of infrastructure, public facilities, and services by requiring new development to contribute to the improvement and development of the March JPA Planning Area.*	See response to Land Use Goal 3.
Policy 10.1	*Require new construction to pay its "fair share" of the cost of providing adequate public services, infrastructure, and facilities for the development.*	See response to Land Use Goal 3. The project sponsors will finance the public service extensions to water and sewer lines to serve the project, as well as extending Van Buren Boulevard adjacent to the site. In addition, the project EIR will evaluate traffic and transportation impacts. Any significant impacts to traffic will be mitigated through the environmental review process and prior to development. Further, the project will pay its fair share of the cost of providing services and infrastructure through payment of the development impact fees assessed by the JPA.
Policy 10.2	*Require new construction to provide adequate infrastructure to serve the development (i.e., curbs and gutters, sidewalks, street lights, water service, sewer service or septic systems, etc.) prior to initiation of use.*	See response to Land Use Goal 3.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Policy 10.3	*Locate commercial and industrial development in areas where street rights-of-way and capacity are available, as well as sufficient infrastructure and public services.*	See response to Land Use Goal 3.
Goal 12	*Ensure, plan, and provide adequate infrastructure for all facility reuse and new development, including but not limited to, integrated infrastructure planning, financing and implementation.*	See response to Land Use Goal 3.
Policy 12.3	*Require new development projects to provide for the extension of infrastructure to serve the development, including over-sizing facilities for future needs.*	See responses to Land Use Policy 1.3 and Goal 3.
Goal 13	*Secure adequate water supply system capable of meeting normal and emergency demands for existing and future land uses.*	The project EIR will evaluate the utility providers' ability to serve the project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development. A Water Supply Assessment will be prepared as part of project entitlement by Western Municipal Water District to evaluate the required water supply for the subject logistics project.
Policy 13.2	*Enhance local groundwater supplies through development designs which promote an on-site recharge and minimize impermeable ground coverage with landscaped areas, open space or recreation areas.*	See response to Land Use Goal 17. Note that due to the close proximity to the airport runways the project must minimize standing water while addressing water quality requirements for the site. On-site bio-retention basins will treat on-site runoff while minimizing standing water.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Goal 14	*Establish, extend, maintain and finance a safe and efficient wastewater collection, treatment and disposal system, which maximizes treatment and water recharges, minimizes water use, and prevents groundwater contamination.*	The project will provide the necessary conveyance facilities to achieve this goal. The project EIR will evaluate infrastructure requirements, including conveyance and treatment of wastewater.
Policy 14.1	*Require all development to adequately collect, treat, and dispose of wastewater in accordance with the Santa Ana Regional Water Quality Control Board requirements.*	The project will comply with the March JPA's NPDES New Development and Redevelopment Guidelines for projects Under the March Joint Powers Authority and the Santa Ana Regional Water Quality Control Board Order No. R8-2002-0011.
Policy 14.2	*Require connection to the sewer system for any development occurring on land formerly part of March AFB.*	See response to Goal 14 and Land Use Policy 14.1. As shown in Figure 3-6 of the Specific Plan, the project will extend sewer lines to service the project, connecting to the existing sewer lines adjacent to the Specific Plan area.
Policy 14.3	*Encourage reuse of reclaimed and treated non-potable water for irrigation and maintenance of recreation areas, landscaping and /open space preservation.*	Reclaimed water is not available for use within the project.
Goal 16	*Adequate supplies of natural gas and electricity from utility purveyors and the availability of communications services shall be provided within the March JPA Planning Area.*	The project EIR will evaluate the utility providers' ability to serve the project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development.
Policy 16.1	*Where feasible, require new development to underground on-site telecommunication connections.*	The project will underground on-site telecommunication connections.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Land Use		
Goal 17	*Adequate flood control facilities shall be provided prior to, and concurrent with, development in order to protect the lives and property within the March JPA Planning Area.*	The project will comply with the March JPA's NPDES New Development and Redevelopment Guidelines for projects Under the March Joint Powers Authority and the Santa Ana Regional Water Quality Control Board Order No. R8-2002-0011. A hydrology study and water quality management plan (WQMP) will be prepared for the project. It is not presumed that project implementation would have a substantial impact on water quality standards or waste discharge requirements. The project will provide for a drainage plan to convey on-site flows to the existing drainage areas downstream of the project. A regional drainage solution is in process to convey off-site flows around the project site to the existing drainage facilities downstream. Any significant impacts to hydrology and water quality will be mitigated through the environmental review process and prior to development.
Policy 17.1	*Provide for the adequate drainage of storm runoff to protect the lives and property within the Planning Area.*	See response to Land Use Goal 17.
Policy 17.2	*Monitor and maintain drainage and flood control facilities to ensure adequate capacity to support the land use plan.*	See response to Land Use Goal 17.
Policy 17.3	*Require new development to construct new or upgrade existing drainage facilities to accommodate the additional storm runoff caused by the development.*	The project's hydrology study evaluates the system required to capture and convey on-site runoff. Site runoff will be captured and detained in two on-site basins, one located in each of the two planning areas within the Specific Plan area. Water will be detained, treated, and released at a rate consistent with the existing condition.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Transportation		
Goal 1	*Establish and provide for a comprehensive transportation system that captures the assets and opportunities of the planning area, existing transportation facilities, and planned transportation facilities for the future growth and development of the planning area and sub-region.*	The project is located to the east of the Meridian Specific Plan area. The existing infrastructure for the Meridian development will be extended to the east to support the project, including extension of Van Buren Boulevard from its existing terminus to the extension of Western Way on the Specific Plan's southern edge. This road extension is consistent with the planned roadway network in the General Plan Circulation Element.
Policy 1.1	*Plan for a mix of transportation modes aimed at effective use of resources, both physical infrastructure and natural energy resources.*	See responses to Transportation Goals 1 and 2.
Policy 1.2	*Design transportation improvements which are compatible with the natural environment. Xeriscape and drought tolerant landscaping techniques should be used for all parkway and median plantings. Where feasible non-potable water should be used for irrigation purposes.*	See responses to Land Use Policy 14.3 and Resource Management Policy 1.5. The Specific Plan's landscape plan illustrates the proposed landscaping within the Specific Plan Area and in the proposed roadways supporting the project. The plant palette outlined in Table 4-1 of the Specific Plan is comprised of drought tolerant landscape materials.
Policy 1.4	*Roadway system shall inter-relate with the components of the multi-faceted transportation system that will assist with the synergistic value of each element's effectiveness (i.e., bike lockers at the Metrolink station, with bike lanes emanating there from).*	See responses to Transportation Goals 1 and 2. No bikeways are identified in the General Plan as part of the extension of Van Buren Boulevard east of I-215. The proposed Van Buren extension includes an on-street bicycle lane as part of the project improvements, and on-site bicycle parking is provided.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Transportation		
Goal 2	*Build and maintain a transportation system which capitalizes on the multi-faceted elements of transportation planning and systems, designed to meet the needs of the planning area, while minimizing negative effects on air quality, the environment and adjacent land uses and jurisdictions.*	No bikeways are identified in the General Plan as part of the extension of Van Buren Boulevard east of I-215. The proposed Van Buren extension includes an on-street bicycle lane as part of the project improvements, and on-site bicycle parking is provided.
Policy 2.6	*FAA Standards, military AICUZ, and appropriate Comprehensive Land Use Plan for March Airfield shall be upheld and supported to encourage and realize a safe environment in and around the aviation field.*	FAA standards and AICUZ requirements, as well as Department of Defense Instructions and Air Force Instructions, will be complied with. The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B2 occupancy and use restrictions. Security fencing will be provided adjacent to the runway. In addition, no standing water exceeding the airport's 48 hour criteria will be allowed as part of the project's drainage plans.
Policy 2.7	*On-street parking shall be de-emphasized throughout the planning area to permit maximum capacity of roadways to be actuated by vehicular and bicycle transportation modes.*	The project will provide adequate off-street parking to limit the potential for on-street parking. This will allow for more capacity on the roadways for sidewalks and landscaping.
Policy 2.8	*Street improvements shall be designed in a comprehensive manner to include parkway facilities, pedestrian walkways, commuter bike lanes, signing, lighting noise and air quality factors, as applicable.*	The project will comply with the roadway standards within the Circulation Plan associated with this Specific Plan and its associated Design Guidelines. The Specific Plan specifies the cross-sections for public roadways which include sidewalks, medians, and landscaping. The Design Guidelines provide the architectural, signage, parking, and landscaping standards to achieve the goals of both project identity and quality development. For the Van Buren Boulevard extension to the east of I-215, the General Plan does not include on-street bike lanes.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Transportation		
Goal 3	*Develop a transportation system that is safe, convenient, efficient and provides adequate capacity to meet local and regional demands.*	This project will construct an internal driveway/private drive network and provide for the extension of Van Buren Boulevard from its existing terminus to a planned extension of Western Way on the Specific Plan's southern edge, based on future demand and the General Plan circulation element. Transportation improvements will be constructed and phased as determined by the project EIR's traffic analysis. The project EIR will evaluate traffic and transportation impacts. Any significant impacts to traffic will be mitigated through the environmental review process and prior to development.
Policy 3.1	*Follow standards for transportation element roadways in designing and constructing street improvements.*	See response to Transportation Policy 2.8.
Goal 4	*Provide a balanced transportation system that ensures the safe and efficient movement of people and goods throughout the planning area, while minimizing the use of land for transportation facilities.*	project internal drives and adjacent public roadways (Van Buren Boulevard and Western Way extensions) will be sized to accommodate projected future traffic in an efficient manner.
Policy 4.2	*All streets shall be constructed in accordance with planning area's standard street classifications. Modifications within the Northeast Planning Subarea to the standard street classifications may be allowed on a limited basis to preserve the integrity of the area and facilities.*	See response to Transportation Policy 2.8.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Transportation		
Policy 4.10	*Work with the City of Perris to plan for an arterial roadway on the east frontage of I-215 between Van Buren Boulevard and Oleander Avenue, in order to preserve future options for developing a passenger or air cargo terminal on the west side of the runway.*	The proposed extension of Van Buren Boulevard on the eastern edge of I-215, connecting with a proposed extension of Western Way in the City of Perris, implements this requirement.
Goal 6	*Establish vehicular access control policies in order to maintain and insure the effectiveness and capacity of arterial roadways.*	project internal roadways will be designed in accordance with the "County Road Improvement Standards and Specifications," published by the County of Riverside, and take into account additional landscaping requirements established in the Riverside County Integrated Plan County standards, and implement appropriate intersection and driveways intervals on arterial roadways.
Policy 6.2	*Access to an arterial road shall be limited to one point for every 300 feet of frontage or one point for parcels with less than 300 feet of frontage.*	The Specific Plan area includes approximately 5,500 linear feet of frontage on the proposed extension of Van Buren Boulevard, allowing for approximately 18 access points. The Specific Plan land use includes six points of access and is thus consistent with this requirement.
Goal 7	*Facilitate and develop transportation demand management and transportation systems management programs, and use of alternate transportation modes.*	Transportation Demand Management (TDM) strategies will be implemented to shift trips outside the standard commuting hours and/or to non-"drive alone" modes of travel. This is accomplished through various employer-initiated measures, such as flexible working hours, encouragement of carpooling, and facilitating access for non-motorized (i.e., bicycling or walking) modes of travel.
Policy 7.5	*Provide a system of bicycle facilities (paths, lanes and routes) in conjunction with circulation system roadway improvements.*	No bikeways are identified in the General Plan as part of the extension of Van Buren Boulevard east of I-215. The proposed Van Buren extension includes an on-street bicycle lane as part of the project improvements, and on-site bicycle parking is provided.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Transportation		
Goal 8	*Adequate, affordable, equitably distributed and energy efficient public and mass transit services which promote the mobility to, from, and within the planning area shall be provided.*	See response to Transportation Goal 2. The local transit system of bus stops and bus shelters will be approved by the Riverside Transit Agency (RTA) as appropriate along the proposed extension of Van Buren Boulevard and Western Way.
Policy 8.1	*Evaluate transportation alternatives with project design, development and implementation.*	See responses to Transportation Goals 1 and 2.
Goal 9	*Develop measures which will reduce the number of vehicle-miles traveled during peak travel periods.*	See response to Land Use Goal 1. The project will provide a large employment base, which will provide an opportunity for residents in the vicinity to work locally, rather than commute to Los Angeles or Orange Counties. This improved Jobs/housing balance will help reduce vehicle miles traveled.
Policy 9.1	*Provide incentives to employers who encourage carpooling and vanpooling for employees.*	See response to Transportation Goal 7.
Policy 9.2	*Provide preferential parking for carpools and vanpools, where appropriate.*	The Specific Plan development regulations require a minimum of 5% carpool/vanpool parking spaces within the Specific Plan area.
Goal 10	*Regulate the travel of trucks on March JPA Planning Area streets.*	The project is designed to accommodate truck traffic. Western Way is a designated truck route in the City of Perris, and Van Buren Boulevard is a truck route as designated in the General Plan.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Transportation		
Policy 10.1	*Establish a truck route system which designates truck and commercial vehicle routes and provides adequately sized and designed roadways to meet the needs of trucks and commercial vehicles. This will eliminate truck and commercial vehicle traffic through inappropriate areas of the March JPA Planning Area.*	See response to Transportation Goal 10.
Policy 10.2	*Clearly sign designated truck routes and identify maximum weight limitations on these routes.*	See response to Transportation Goal 10. This requirement would be implemented as part of construction plans for the public roadways developed as part of the project (Van Buren Boulevard and Western Way).
Goal 11	*Adequate off-street parking for all land uses shall be provided which requires adequate on-site parking to prevent spill over on the adjacent street system.*	The project will provide adequate parking to limit the potential for parking spillover on to streets. Parking will be provided in accordance with the Development Regulations established by the Specific Plan. Parking ratios have been provided based on square footage. Parking ratios for car/vanpools, bicycle parking, and charging stations have also been provided in the Specific Plan development regulations.
Policy 11.1	*Provide for adequate parking facilities for all uses.*	See response to Transportation Goal 11.
Policy 11.4	*Require all new development to provide adequate off-street parking based on expected parking needs*	See response to Transportation Goal 11.
Policy 11.5	*Provide adequate loading areas within off-street parking areas for all commercial and manufacturing land uses.*	The project will provide adequate loading areas associated with the proposed logistics/industrial buildings.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Transportation		
Goal 12	*Plan for and seek to establish and area-wide system of bicycling trails, with linkages within the planning area and with adjacent jurisdictions, and in compliance with sub-regional plans.*	No bikeways are identified in the General Plan as part of the extension of Van Buren Boulevard east of I-215. The proposed Van Buren extension includes an on-street bicycle lane as part of the project improvements, and on-site bicycle parking is provided.
Policy 12.7	*Require sidewalks on both sides of all streets. The March JPA encourages alternate designs including parkways and meandering and enhanced paving.*	As shown in the street cross sections of the Specific Plan's Circulation Plan, sidewalks are provided on the project-frontage of Van Buren Boulevard, and right of way accommodating sidewalks is provided on both Van Buren Boulevard and Western Way extensions.
Goal 13	*Promote, preserve, and protect the join use of the aviation field by the Air Force Reserves and civilian aviation.*	The project will not impact the use of the air field in any way.
Policy 13.6	*Protect flight paths from inappropriate development encroachment.*	The project is designed to incorporate appropriate uses as defined in the Air Installation Compatible Use Zone (AICUZ) Study, Airport Layout Plan, Department of Defense Instructions and Air Force Instructions
Policy 13.8	*Adhere to approved airport layout plans approved by the Joint Powers Commissions and recognized by the FAA.*	See response to Policy 13.6 above.
Goal 15	*In accordance with state and federal law, promote and provide mobility for the disabled.*	Development plans shall take into account the accessibility requirements of the Americans with Disability Act (ADA).
Policy 15.1	*Require that all development comply with the requirements of the state and federal law for the disabled. Requirements may include ramps at street corners, access to public buildings, traffic signal timing and the like.*	See response to Transportation Goal 15.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Noise		
Goal 1	*Ensure that land uses are protected from excessive and unwanted noise.*	project development shall be consistent with the land use and noise limitations established in the AICUZ study and the Riverside County Airport Land Use Plan and MJPA Development Code. Industrial uses are consistent with the noise limitations of the AICUZ study.
Policy 1.1	*Establish acceptable limits of noise for various land uses throughout the March JPA Planning Area. Future development that could increase ambient noise levels shall be required to mitigate the anticipated noise increase, to the extent possible.*	The project EIR will evaluate noise impacts. The Specific Plan area is located adjacent to the airport runway, an inherently noisy environment. Any significant impacts from project noise will be mitigated through the environmental review process and prior to development. Industrial uses are consistent with the noise limitations of the AICUZ study.
Policy 1.3	*Encourage good acoustical design in new construction.*	See response to Noise Policy 1.1.
Goal 2	*Minimize incompatible noise level exposures throughout the Planning Area, and where possible, mitigate the effect of noise incompatibilities to provide a safe and healthy environment.*	No sensitive uses are located in proximity to the proposed Specific Plan area. Design features and mitigation measures to minimize noise impacts from the project will be evaluated during the environmental review process. Incompatible land uses will not be allowed in the project area.
Policy 2.4	*March JPA shall evaluate noise sensitivity and noise generation when considering land use projects and transportation improvement projects, and where appropriate mitigation measures shall be employed.*	See response to Noise Goal 2.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Noise		
Goal 3	*Work toward the reduction of noise impacts from vehicular traffic, and aviation and rail operations.*	See response to Noise Goal 2.
Policy 3.4	*Where appropriate, noise mitigation measures shall be incorporated in the design and approval of development property located adjacent to aviation and rail facilities.*	Noise mitigation, if required, will be incorporated into the project based on the noise studies prepared as part of the project's Environmental Impact Report.
Policy 3.7	*Limit trucking operations to appropriate routes, times and speeds.*	The project is designed to accommodate truck traffic. Western Way is a designated truck route in the City of Perris, and Van Buren Boulevard is a truck route as designated in the General Plan. Standard speeds would apply on public truck routes.
Policy 3.8	*Appropriate muffling systems for construction equipment and operations shall be required, as necessary.*	The project EIR will evaluate noise impacts associated with construction. Any significant impacts from project construction noise will be mitigated through the environmental review process and prior to development.

General Plan Goal/Policy		Consistency
Air Quality		
Goal 1	*Promote alternative modes of travel.*	See response to Transportation Goal 2.
Policy 1.3	*Support trip-reduction programs, such as longer work days, shorter week work schedules.*	See response to Transportation Goal 7.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Air Quality		
Goal 2	*Reduce emissions associated with vehicle miles traveled by enhancing the jobs/housing balance of the subregion of western Riverside County.*	The project will provide a large employment base, which will provide an opportunity for residents in the vicinity to work locally, rather than commute to Los Angeles or Orange Counties. This improved Jobs/housing balance will help reduce vehicle miles traveled.
Policy 2.1	*Create an employment center within the housing rich environment of the subregion.*	See responses to Air Quality Goal 1 and Transportation Goal 9.
Goal 3	*Reduce air pollution through proper land use, transportation and energy use planning.*	See responses to Transportation Goals 2 and 7.
Policy 3.1	*Locate ancillary uses within business and employment centers to reduce the number of vehicle trips and lessen the vehicle miles traveled.*	The Specific Plan development regulations allow for ancillary office and retail uses in association with the proposed logistics uses. Inclusion of these ancillary uses will reduce the need for outside vehicular trips.
Policy 3.2	*Locate service uses and facilities in convenient proximity to employment and business center areas to encourage pedestrian or alternative transit to reduce the number of vehicle trips.*	See responses to Land Use Goal 1 and Transportation Goal 9.
Policy 3.3	*Develop a bike lane network that will link the bike lanes to residential areas adjacent to the Planning Area and Metrolink Stations to encourage non-motorized travel within the planning area.*	No bikeways are identified in the General Plan as part of the extension of Van Buren Boulevard east of I-215. No bikeways are planned as part of the project improvements, although on-site bicycle parking is provided.
Policy 3.4	*Encourage ride share programs.*	See response to Transportation Goal 7.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Air Quality		
Policy 3.5	*Parking facilities shall be designed to safely accommodate and support alternative modes of transportation and preferential location of alternative fuel vehicles and mass transit services.*	See response to Transportation Goal 2. In addition, the project will include charging stations for electric vehicles within the parking areas of the plan consistent with CAL Green standards.
Goal 5	*Maximize the effectiveness of air quality control programs through coordination with other governmental entities.*	The project will comply with South Coast Air Quality Management District rules and regulations.
Policy 5.5	*Review development projects to determine the potential air quality impacts and provide appropriate mitigation, where necessary.*	The project EIR will evaluate air quality impacts. Any significant impacts to air quality from the project will be mitigated through the environmental review process and prior to development.
Goal 6	*Reduce emissions associated with vehicle/engine use.*	See responses to Land Use Goal 1 and Transportation Goal 9.
Policy 6.3	*Encourage diversion of peak hour truck traffic, whenever feasible, to off-peak periods to reduce roadway congestion and associated emissions.*	See response to Transportation Goal 10.
Policy 6.5	*Encourage trucks operating within March JPA Planning Area to maintain safety equipment and operate at safe speeds so as to reduce the potential for accidents which create congestion and related emissions.*	The project EIR will evaluate air quality impacts. Any significant impacts to air quality from the project will be mitigated through the environmental review process and prior to development.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Air Quality		
Goal 7	*Reduce emissions associated with energy consumption.*	Buildings shall be designed to reduce energy usage through various measures (such as energy efficient lighting and glazing, using lighter colored roofing materials, orienting buildings north and increasing wall insulation above Title 24 requirements, etc.) The project's EIR will analyze the impacts associated with energy consumption and proposed mitigation measures to reduce impacts.
Policy 7.1	*Support the use of energy-efficient equipment and design in the March JPA Planning Area for facilities and infrastructure.*	See response to Air Quality Goal 7.
Policy 7.3	*Support passive solar design in new construction.*	See response to Air Quality Goal 7.
Policy 7.4	*Support recycling programs which reduce emissions associated with manufacturing and waste disposal.*	Recycling of materials will be a component of the waste management program of uses within the Specific Plan area.
Policy 7.5	*Support drought-resistant vegetation in landscaping areas to reduce energy needed to pump water.*	The specific Plan includes a landscape plan and plant palette for development within the Specific Plan area. The project's plant materials include predominantly drought tolerant vegetation.
Goal 8	*Reduce air pollution emissions and impacts through siting and building design.*	See response to Air Quality Goal 7. Design features and mitigation measures to minimize the impacts to air quality from the project will be evaluated during the environmental review process.
Policy 8.1	*Support the use of low polluting construction materials and coatings.*	The project EIR will evaluate air quality impacts from construction. Any significant impacts to air quality from the project will be mitigated through the environmental review process and prior to development.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Air Quality		
Goal 9	*Reduce fugitive dust and particulate matter emissions.*	Trucks hauling dirt, sand, gravel or soil are to be covered or should maintain at least two feet of freeboard in accordance with Section 23114 of the California Vehicle Code. Where feasible, construction access roads to the main roads should be paved to avoid dirt being carried on to the roadway or track-out devices should be installed. In addition, the project EIR will evaluate impacts associated with fugitive dust and particulate matter during construction and proposed mitigation measures to reduce or eliminate impacts.
Policy 9.1	*Require all feasible fugitive dust reduction techniques to be utilized during construction activities.*	See response to Air Quality Goal 9.

General Plan Goal/Policy	Consistency
Housing	
The General Plan does not allow for housing opportunities within the March JPA Planning Area due to incompatible uses with the airfield, the need to focus on the reestablishment of the numerous jobs lost due to base realignment, and the housing rich environment of Western Riverside County. The project maintains consistency with the General Plan's absence of a residential land use designation within the Specific Plan area.	

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Resource Management		
Goal 1	*Conserve and protect surface water, groundwater, and imported water resources.*	The project will be constructed to mitigates impacts to the existing drainage channel. Furthermore, the project EIR will evaluate impacts to hydrology and water supply from the project. Any significant impacts to hydrology or water supply from the project will be mitigated through the environmental review process and prior to development.
Policy 1.1	*Where possible, retain local drainage courses, channels and creeks in their natural condition.*	See response to Resource Management Goal 1. The on-site drainage is related to regional water flows across the site and is not a natural stream course. The proposed grading plan impacts this drainage to facilitate development of the site and to provide an alternative drainage conveyance plan for regional flows. Impacts will be mitigated in accordance with agency permitting requirements.
Policy 1.2	*Protect groundwater and surface water resources from depletion and sources of pollution.*	See responses to Land Use Goal 17 and Resource Management Goal 1.
Policy 1.4	*Require development to conserve water resources, including the use of water-efficient plumbing fixtures and irrigation systems.*	See response to Air Quality Goal 7.
Policy 1.5	*Conserve imported water by requiring water conservation techniques, water-conserving and recycling processes, drought- resistant landscaping, and reclaimed water for irrigation, when available and appropriate.*	The project will comply with the Specific Plan's Design Guidelines. The Design Guidelines require the use of drought-resistant landscaping by the project. Reclaimed water will be used if available.
Policy 1.6	*Promote the use of drought tolerant landscaping in development, and encourage the use of reclaimed water for irrigation in parks, golf courses, and industrial uses, as well as for other urban uses, whenever feasible and where legally permitted.*	See response to Resource Management Policy 1.5. The Specific Plan includes a landscape plan and plant palette for development within the Specific Plan area. The project's plant materials include predominantly drought tolerant vegetation. The project does not contain parks.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Resource Management		
Policy 1.8	*Assure that development projects comply with regulatory agency requirements, including federal, state and regional regulations.*	The project shall be required to obtain a Clean Water Act (CWA) Section 404 permit (regulated by the U.S Army Corps of Engineers), a Streambed Alteration Agreement (regulated by the California Department of Fish and Wildlife), a CWA Section 401 Water Quality Certification (regulated by the Regional Water Quality Control Board) to impact waters of the U.S/State.
Goal 2	*Control flooding to reduce major losses of life and property.*	See response to Land Use Goal 17.
Policy 2.3	*Ensure that development does not divert storm water run off onto adjacent properties, or cause alterations of natural drainage courses that cannot be adequately handled by flood control improvements installed coincident with the development.*	See response to Land Use Goal 17.
Policy 2.5	*To the greatest extent possible, require development to use master flood control facilities and limit use of interim drainage facilities or open channels.*	The drainage plan for the project will utilize the existing open channel as a downstream conveyance system as well as an open trapezoidal channel along the project's easterly property line as an interim solution to a regional issue. See response to Land Use Goal 17.
Goal 3	*Conserve and protect significant land forms, important watershed areas, mineral resources and soil conditions.*	The project will not impact any significant landforms or mineral resources. The project EIR will evaluate impacts to hydrology, geology and soils from the project. Any significant impacts to hydrology, geology and soils from the project will be mitigated through the environmental review process and prior to development.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Resource Management		
Policy 3.1	*Conserve hillsides and rock outcroppings in the planning area through the use of master-planned developments which create a "Campus-like" setting, and encourage the creative siting of building areas as a means of retaining natural areas and open space.*	The project will be constructed in a flat area with no rock outcroppings and will not impact any of the area's hillsides.
Policy 3.5	*Require and practice proper soil management techniques to reduce erosion, sedimentation and other soil-related problems.*	See response to Land Use Policy 8.1. A SWPPP and Erosion Control Plan will be required for the project to reduce erosion and other soil related problems. In addition, all grading will be reviewed by a soils consultant as part of grading permit preparation.
Policy 3.6	*Control erosion during and following construction through proper grading techniques, vegetation replanting, and the installation of proper drainage control improvements.*	See response to Land Use Policy 8.1 and Resource Management Policy 3.5
Policy 3.7	*Require erosion control measures such as binders, revegetation, slope covers, and other practices which reduce soil erosion due to wind and water.*	See response to Land Use Policy 8.1 and Resource Management Policy 3.5
Goal 4	*Conserve energy resources through use of available energy technology and conservation practices.*	See response to Air Quality Goal 7.
Policy 4.1	*Implement energy performance requirements established under the California Administration Code Title 24 Energy Conservation and Insulation Regulations.*	See response to Air Quality Goal 7.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Resource Management		
Policy 4 2	*Encourage innovative building, site design and orientation techniques which minimize energy use by taking advantage of sun/shade patterns, prevailing winds, landscaping, and building materials available to control energy usage.*	See response to Air Quality Goal 7.
Policy 4.3	*Encourage the use and development of alternative and innovative energy resources and energy conservation techniques, where practical.*	See response to Air Quality Goal 7.
Goal 5	*Conserve and protect significant stands of mature trees, native vegetation, and habitat within the planning area.*	The project EIR will evaluate impacts to biological resources from the project. Any significant impacts to biological resources from the project will be mitigated through the environmental review process and prior to development. The project would comply with the federal, state and local regulations regarding impacts to sensitive biological resources.
Policy 5.1	*Where practical, conserve important plant communities and habitats such as riparian areas, wetlands, significant tree stands, and species by using buffers, creative site planning, revegetation and open space easements/dedications.*	See responses to Resource Management Goals 1 and 5.
Policy 5.2	*Encourage the planting of native species of trees and other drought-tolerant vegetation.*	See response to Resource Management Policy 1.5.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Resource Management		
Policy 5.4	*In areas that may contain important plant and animal communities, require development to prepare biological assessments identifying species types and locations and develop measures to preserve recognized sensitive species, as appropriate.*	See responses to Resource Management Policy 1.8 and Goal 5. The site is not located in an area with important plan and animal communities.
Policy 5.6	*Work with state, federal and local agencies in the preservation and/or mitigation of recognized sensitive vegetation and wildlife in March JPA Planning Area.*	See response to Resource Management Policy 1.8.
Goal 6	*Provide an effective and efficient waste management system for solid and hazardous wastes that is financially and environmentally responsible.*	The project shall comply with appropriate and applicable regulations and standards with respect to the management of solid and hazardous wastes.
Policy 6.4	*Coordinate with regulatory agencies in assuring that future development handles and disposes of hazardous materials in compliance with applicable regulations.*	See response to Safety Risk/Management Goal 4.
Goal 7	*Promote cultural awareness through preservation of the planning area's historic, archaeological and paleontological resources.*	The project is not anticipated to impact significant historic, archaeological or paleontological resources. The project EIR will comply with the requirements of AB52 and SB18 related to Tribal consultation.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Resource Management		
Policy 7.5	*Require development proposals that are located on or near archaeological or paleontological resources to provide a cultural resources study that assesses potential impacts to the resource as a result of the proposed development. The report will include measures to avoid destruction of any significant cultural resources.*	See response to Resource Management Goal 7, above
Policy 7.6	*Require the preservation of identified cultural resources to the extent possible, prior to development, through dedication, removal, transfer, reuse, or other means.*	See response to Resource Management Goal 7, above
Goal 9	*Create a network of open space areas and linkages throughout the Planning Area that serves to preserve natural resources, protect health and safety, contributes to the character of the community, provide active and passive recreational use, as well as visual and physical relief from urban development.*	This goal is not applicable to the project, as the site is located between the airport runway and the freeway (I-215) and lacks the potential for significant open space linkages.
Policy 9.8	*Enforce the standards of the military and FAA relative to aviation hazard areas to protect the use of the aviation field, and use of property within its vicinity.*	The project is designed to incorporate appropriate uses as defined in the Air Installation Compatible Use Zone (AICUZ) Study, Airport Layout Plan, Department of Defense Instructions and Air Force Instructions. . The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B occupancy and use restrictions. Security fencing will be provided adjacent to the runway. In addition, no standing water exceeding the airport's criteria will be allowed as part of the project's drainage plans.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Resource Management		
Goal 10	*Establish standards for scenic corridors, trails and vistas that contribute to the quality of the planning area.*	Not applicable. No established scenic corridors or planned trails are present adjacent to the Specific Plan area.
Policy 10.4	*Use design standards for transportation facilities that include street trees, pedestrian walkways, bicycle lanes, signing, lighting and setbacks to complement and enhance the character of the planning area.*	The Specific Plan includes landscape sections and a landscape plan that includes street trees and pedestrian walkways as well as landscaped setbacks.

General Plan Goal/Policy		Consistency
Safety/Risk Management		
Goal 1	*Minimize injury and loss of life, property damage, and other impacts caused by seismic shaking, fault rupture, ground failure, and landslides.*	No Fault Rupture Hazard Zone or Alquist-Priolo Earthquake Fault Zone, as designated by the Department of Conservation (DOC), exist within the project site based on the projects soils report and the General Plan. Construction of the project would be required to meet California Building Code (CBC) standards. Additionally, the March JPA would review and approve the plans and specifications of The project to ensure compliance with the provisions of the CBC and Title 24, which regulates building standards, Title 24 is administered by the California Building Standards Commission, which, by law, is responsible for coordinating all building standards.
Policy 1.1	*Require geological and geotechnical investigations in areas of potential seismic or geologic hazards as part of the environmental and development review process. Require mitigation of seismic or geologic hazards to the satisfaction of the responsible agencies.*	Construction of the project would be required to meet California Building Code (CBC) standards. Additionally, the March JPA would review and approve the plans and specifications of The project to ensure compliance with the provisions of the CBC and Title 24, which regulates building standards, Title 24 is administered by the California Building Standards Commission, which, by law, is responsible for coordinating all building standards.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Safety/Risk Management		
Policy 1.2	*Ensure all grading plans comply with the Uniform Building Code (UBC) and California Building Code including, if necessary, requiring preliminary investigations of development sites by a State-registered geotechnical engineers and certified engineering geologists.*	Construction of the project would be required to meet California Building Code (CBC) standards. Additionally, the March JPA would review and approve the plans and specifications of The project to ensure compliance with the provisions of the CBC and Title 24, which regulates building standards, Title 24 is administered by the California Building Standards Commission, which, by law, is responsible for coordinating all building standards.
Goal 2	*Minimize grading and otherwise changing the natural topography, while protecting the public safety and property from geologic hazards.*	The project will be constructed in a relatively flat area and will not impact the hillsides or rock outcroppings. The project will incorporate grading development standards and recommendations, which will minimize any potential geotechnical and site development constraints that occur on-site.
Policy 2.1	*Discourage any grading beyond that which is necessary to create adequate building pads area.*	See response to Safety Risk/Management Goal 2.
Goal 3	*Minimize injury, loss of life, property damage, and economic and social disruption caused by flood hazards.*	See response to Land Use Goal 17.
Policy 3.4	*Ensure that development does not divert storm water run off onto adjacent properties, or cause alterations of natural drainage courses that cannot be adequately handled by existing drainage facilities or the flood control improvements proposed with the development.*	The project will implement a drainage system that will convey existing storm water around the development footprint and will be consistent with existing drainage patterns. Further, the project will mitigate storm water runoff to a flow rate equivalent to the pre-developed condition. See response to Land Use Goal 17.
Policy 3.5	*Require the installation and maintenance of storm drains by property owners.*	See response to Land Use Goal 17.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Safety/Risk Management		
Goal 4	*Reduce threats to public safety and protect property from wildland and urban fire hazards.*	According to the Map My County – Riverside County database (County of Riverside 2015), the project is not within a designated fire hazard area.
Policy 4.5	*Ensure that new access roads have adequate widths and turning radius for fire and emergency vehicles.*	project roadways meet fire and emergency vehicle standards.
Policy 4.7	*Encourage the planting and maintenance of drought-resistant, fire-retardant species on slopes to reduce the risk of brush fire and soil erosion in areas adjacent to hillsides; and develop stringent site design and maintenance standards for areas with high fire hazard.*	According to the Map My County – Riverside County database (County of Riverside 2015), the project is not within a designated fire hazard area. In addition, the project will be constructed in a relatively flat area and will not impact hillsides. Furthermore, the project will comply with the Specific Plan Design Guidelines, which require the use of drought-resistant landscaping by the project.
Goal 5	*Reduce the potential for hazardous material exposure or contamination in the Planning Area.*	The transport of all hazardous materials, is regulated by the U.S. Department of Transportation (Title 49 of the Code of Federal Regulations, the California Highway Patrol (Title 13 of the California Code of Regulations), and the California State Fire Marshall (Title 19 of the California Code of Regulations). In addition, in order to operate in the State of California, all hazardous materials transporters must be registered with the California Department of Toxic Substances Control (DTSC). These regulations minimize the potential for incidents involving hazardous materials.
Policy 5.1	*Comply with the enforcement of disclosure laws that require all users, producers, and transporters of hazardous materials and wastes to clearly identify such materials at the site, and to notify the appropriate County, State and/or Federal agencies in the event of a violation.*	See response to Safety Risk/Management Goal 5.

APPENDIX B
Veteran's Industrial Park 215 Specific Plan - General Plan Consistency Table

General Plan Goal/Policy		Consistency
Safety/Risk Management		
Policy 5.3	*Require land uses involved in the production, storage, transportation, handling, or disposal of hazardous materials are located a safe distance from land uses that may be adversely impacted by such activities.*	See response to Safety Risk/Management Goal 5.
Policy 5.4	*Ensure the storage, use and transportation of any hazardous materials complies with the standards set forth within the errata sheets published for each substance.*	See response to Safety Risk/Management Goal 5.
Goal 7	*Reduce the possible risk of upset, injury, and loss of life, property damage and other impacts associated with an aviation facility.*	The project is designed to incorporate appropriate uses as defined in the Air Installation Compatible Use Zone (AICUZ) Study, Airport Layout Plan, Department of Defense Instructions and Air Force Instructions. The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B occupancy and use restrictions. Security fencing will be provided adjacent to the runway. In addition, no standing water exceeding the airport's criteria will be allowed as part of the project's drainage plans.
Policy 7.1	*Ensure development and use of property within the vicinity of airfield complies with appropriate building standards and codes including height restrictions, restrictions on use, setbacks, population densities, insulation and materials, as contained within an approved Comprehensive Land Use Plan (CLUP) and appropriate AICUZ.*	See response to Safety Risk/Management Goal 7.

Veterans Industrial Park 216 Specific Plan

General Plan Amendment

Justification Statement

The D2 property, identified in the applications as the Veterans Industrial Park 215 Specific Plan area currently has a General Plan designation of *Aviation*. The project applicant has entered into an agreement with March JPA to purchase and develop the property for non-aviation uses, including logistics and e-commerce uses. The proposed General Plan Amendment would amend the designation to include a Specific Plan Overlay on the Aviation use and in addition would add general warehousing/logistics to the list of uses contemplated. This would bring the proposed use into compliance with the General Plan.

The D2 parcel is located in close proximity to the Van Buren Boulevard interchange and the Perris Commerce Center Specific Plan area (planned for industrial uses, outside the JPA jurisdiction to the south in the City of Perris), both of which provide access to truck routes and the I-215 freeway. The existing road system would be expanded in conformance with the General Plan Circulation Element, connecting Van Buren Boulevard with Western Way. In addition, the D2 parcel has no direct access to the runways of the airport itself and there are no plans to add this runway access, thus limiting the potential for aviation uses supporting the airport. The proposed uses would fully comply with the noise, population, and height limitations of the airport zones (B2 zone and the 7:1 surface), thus presenting an appropriate land use in this location.

General Plan Goal/Policy		Consistency
Land Use		
Goal 1	*Land Use Plan provides for a balanced mix of land uses that contribute to the regional setting, can capitalize on the assets of the Planning Area, while insuring compatibility throughout the Planning Area and with regional plans.*	The Project provides for logistics/industrial uses. These uses are compatible with the General Plan and the adjacent Perris Valley Commerce Center Specific Plan. The Project will include a General Plan Amendment adding a Specific Plan Overlay designation to the Site. Consistent with the Reuse Plan and General Plan, the project will continue to improve the balance of population and employment in the project vicinity, providing an opportunity for residents to work locally, rather than commute to surrounding areas throughout the region.
Policy 1.1	*Provide for a mix of land uses which implement the Base Master Reuse Plan for March AFB; offer a variety of employment opportunities; and capitalizes, enhances and expands upon existing physical and economic assets of the Planning Area.*	See response to Land Use Goal 1.
Policy 1.2	*Develop and maintain a system of land use designations and zoning districts which will provide locations for commercial, business park, manufacturing, aviation, public, and open space uses, and which actuates compatible and synergistic land uses.*	See response to Land Use Goal 1.

General Plan Goal/Policy		Consistency
Policy 1.3	*Provide for patterns of land use which can be supported by existing and planned circulation, public facilities, and infrastructure system improvements in a manner that will preserve the March JPA's fiscal capacity.*	The Project is consistent with the approved General Plan circulation plan. The Project will extend Van Buren Boulevard south of the March Air Museum. The General Plan designates the Van Buren Boulevard extension as a Major Arterial. This segment of Van Buren Boulevard will be designed as a Modified Secondary Highway, which while providing two traffic lanes, one bicycle land and sidewalks in each direction, provides 91-feet of right-of-way instead of 100-feet of right-of-way the General Plan assigned to a Major Arterial. An additional 20-foot separation between the edge of sidewalk and screen walls associated with the Veterans Park Specific Plan. In addition, the Project EIR will evaluate the utility providers' ability to serve the Project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development.
Policy 1.4	Use specific and/or master plan processes for the coordinated development of large properties to ensure cohesive, comprehensive development.	The property does not currently have a zoning designation. The General Plan land use is Aviation, which would allow for a variety of uses including hangars, aviation support services, air cargo storage, fixed based operations, and aviation operations services. The Site does not have direct access to flying facilities. As such, industrial facilities described in the Specific Plan will allow for a mix of logistics center uses that could support e-commerce, wholesale, storage, distribution, manufacturing and/or assembly centers. It is anticipated that these uses would support airport-related business.
Policy 1.5	*Provide for a variety of industrial uses, including heavy manufacturing, light manufacturing, warehousing and distribution, transportation - related, and research and development.*	The Project will provide a mix of logistics center uses that could support e-commerce, wholesale, storage, distribution, manufacturing and/or assembly centers.
Policy 1.6	*Locate and group commercial and industrial uses which are oriented toward regional service/market areas to promote utilization of regional transportation facilities and development-supporting infrastructure.*	See response to Land Use Goal 1.

General Plan Goal/Policy		Consistency
Policy 1.9	*Plan for compatible land uses within the aircraft noise impact contours depicted in the Air Installation Compatible Use Zones (AICUZ) Report for the airfield use.*	The proposed concept does not include specific aviation-related facilities, however, the development concept could support airport related businesses. Building height and uses described within the Specific Plan are consistent with the AICUZ guidelines and requirements.
Goal 2	*Locate land uses to minimize land use conflict or creating competing land uses, and achieve maximum land use compatibility while improving or maintaining the desired integrity of the Planning Area and subregion.*	The Project provides the same types of land uses as designated in the General Plan. These land uses are compatible with the surrounding land uses. Incompatible or competing land uses will not be allowed in the project area.
Policy 2.1	*Avoid conflicts and incompatibilities between land uses through the use of landscaped setbacks and buffers, site design, site orientation, architectural features, walls or fences, density/intensity reductions, reduced hours of operation for commercial and industrial uses, shielding of lighting, and the like.*	The Design Guidelines provide the architectural, signage, walls and fences, lighting, and landscaping standards to help alleviate any land use incompatibilities with the surrounding areas.
Policy 2.3	*Support land uses that provide a balanced land use pattern of the Planning Area, and discourage land uses that conflict of compete with the services and/or plans of adjoining jurisdictions.*	See response to Land Use Goal 2.
Policy 2.4	*Protect the interests of, and existing commitments to adjacent residents, property owners, and local jurisdictions in planning land uses.*	See response to Land Use Goal 2.

General Plan Goal/Policy		Consistency
Goal 3	*Manage growth and development to avoid adverse environmental and fiscal effects.*	Development of the Project is bound by the terms and conditions of the Development Agreement between the Master Developer and the March JPA. The Project will be required to implement the applicable infrastructure and services per the Development Agreement. The Development Agreement accommodates a number of financing strategies to fund public improvements and minimize fiscal impacts.
Policy 3.1	*Manage growth so that its rate does not exceed the ability of March JP A or service districts to provide for an acceptable level of public facilities and services.*	The Project EIR will evaluate the utility providers' ability to serve the Project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development.
Goal 4	*Develop an identity and foster quality development within the Planning Area.*	The Specific Plan Design Guidelines will provide the architectural, signage, parking, and landscaping standards to achieve the goals of both project identity and quality development.
Policy 4.1	*Develop and maintain a land use plan for the Planning Area which proposes compatible land uses to create distinct, identifiable historic, commercial, industrial, public, and aviation areas.*	See Response to Land Use Goal 1.
Policy 4.4	*Develop a distinctive community identity for commercial , business park and industrial developments that reflect the character and atmosphere of March JPA Planning Area through the use of good planning and design principals , and sound development practices which serve as guidelines for building materials, colors, site design and orientation, and landscaping.*	See responses to Land Use Goals 1 and 4.

General Plan Goal/Policy		Consistency
Policy 4.7	*Develop and enhance the economic climate and create a balanced business community to serve the work force, commerce and industry of the region.*	See response to Land Use Goal 1.
Goal 5	*Maximize and enhance the tax base and generation of jobs through new, reuse and joint use opportunities.*	The Project will expand on the large employment center concept started by the adjacent Meridian Specific Plan and Perris Valley Commerce Center Specific Plan. As such, it will provide a substantial enhancement to the tax base.
Policy 5.1	*Support the development and establishment of new employment centers and economic development activities that contribute to an improved tax base.*	See response to Land Use Goal 5.
Policy 5.2	*Encourage and facilitate the creation of public/private partnerships that will invest in, and further the implementation of the March AFB Master Reuse Plan.*	Riverside Inland Development has entered into a Memorandum of Understanding with March JPA related to development of the property within the Specific Plan area. The applicant, Riverside Inland Development, has assumed the responsibilities and obligations of the Master Developer for the remaining areas of the former March Air Force Base (which includes this Project area) in a Disposition and Development Agreement which will be processed concurrently with the Veterans Industrial Park Specific Plan.
Policy 5.5	*Encourage the development of commercial, business park and industrial centers to expand the employment and fiscal base of the March JPA Planning Area and the western Riverside County Subregion.*	See response to Land Use Goal 1.
Goal 6	*Support the continued Military Mission of March Air Reserve Base, and preservation of the airfield from incompatible land use encroachment.*	The Project is designed to incorporate appropriate uses as defined in the Air Installation Compatible Use Zone (AICUZ) Study.

General Plan Goal/Policy		Consistency
Policy 6.3	*Ensure that plans and development do not interfere, conflict or degrade the military mission of March ARB.*	See response to Land Use Goal 6.
Policy 6.4	*Ensure that plans and development do not conflict with the long-term needs of the Air Force Reserve in terms of encroachment, noise, accident zone, constraints, etc.*	See response to Land Use Goal 6.
Policy 6.5	*Ensure that plans and development conform to the draft Comprehensive Land Use Plan for March AFB/March Inland Port.*	See response to Land Use Goal 6.
Policy 6.8	*Ensure that land uses adhere to both military and civilian Part 77 conical surface criteria, relative to height restrictions.*	The Project will obtain concurrence letters from the FAA stating, "no hazard to air navigation" for the proposed buildings within the development.
Goal 7	*Maximize the development potential as a regional Intermodal Transportation facility to support both passenger and freight related air services*	
Policy 7.6	*Plan for compatible land uses within the aviation area.*	The Veterans Industrial Park Specific Plan includes industrial land uses compatible with the adjacent aviation uses through compliance with runway height limitations, provision of security fencing, and provision of warehousing, logistics, and e-commerce uses which could support aviation-related business.
Goal 8	*Preserve the natural beauty, minimize degradation of the March JPA Planning Area, and provide enhancement of environmental resources and scenic vistas.*	There are no known sensitive environmental areas near the Site. A jurisdictional drainage channel is present, crossing the site; impacts to this drainage will be addressed through a permitting process with appropriate agencies. Design features and mitigation measures to minimize the impacts to potential sensitive land uses from the Project will be evaluated during the environmental review process.

General Plan Goal/Policy		Consistency
Policy 8.1	*Where practical, revegetate graded area with native plants compatible to the area to prevent erosion.*	The Project will comply with the requirements of the California Construction General Permit (SWRCB Orders No. 2009-009-DWQ as amended by Order 2010-0014-DWQ and Order 2012-006-DWQ) and employ Best Management Practices (BMPs) to minimize erosion for graded areas.
Goal 10	*Avoid undue burdening of infrastructure, public facilities, and services by requiring new development to contribute to the improvement and development of the March JPA Planning Area.*	See response to Land Use Goal 3.
Policy 10.1	*Require new construction to pay its "fair share" of the cost of providing adequate public services, infrastructure, and facilities for the development.*	See response to Land Use Goal 3. The project sponsors will finance the public service extensions to water and sewer lines to serve the project, as well as extending Van Buren Boulevard adjacent to the site. In addition, the Project EIR will evaluate traffic and transportation impacts. Any significant impacts to traffic will be mitigated through the environmental review process and prior to development. Further, the project will pay its fair share of the cost of providing services and infrastructure through payment of the development impact fees assessed by the JPA.
Policy 10.2	*Require new construction to provide adequate infrastructure to serve the development (i.e., curbs and gutters, sidewalks, street lights, water service, sewer service or septic systems, etc.) prior to initiation of use.*	See response to Land Use Goal 3.
Policy 10.3	*Locate commercial and industrial development in areas where street rights-of-way and capacity are available, as well as sufficient infrastructure and public services.*	See response to Land Use Goal 3.

General Plan Goal/Policy		Consistency
Goal 12	*Ensure, plan, and provide adequate infrastructure for all facility reuse and new development, including but not limited to, integrated infrastructure planning, financing and implementation.*	See response to Land Use Goal 3.
Policy 12.3	*Require new development projects to provide for the extension of infrastructure to serve the development, including over-sizing facilities for future needs.*	See responses to Land Use Policy 1.3 and Goal 3.
Goal 13	*Secure adequate water supply system capable of meeting normal and emergency demands for existing and future land uses.*	The Project EIR will evaluate the utility providers' ability to serve the Project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development. A Water Supply Assessment will be prepared as part of project entitlement by Western Municipal Water District to evaluate the required water supply for the subject logistics project.
Policy 13.2	*Enhance local groundwater supplies through development designs which promote an on-site recharge and minimize impermeable ground coverage with landscaped areas, open space or recreation areas.*	See response to Land Use Goal 17. Note that due to the close proximity to the airport runways the project must minimize standing water while addressing water quality requirements for the site. On-site bio-retention basins will treat on-site runoff while minimizing standing water.
Goal 14	*Establish, extend, maintain and finance a safe and efficient wastewater collection, treatment and disposal system, which maximizes treatment and water recharges, minimizes water use, and prevents groundwater contamination.*	The Project will provide the necessary conveyance facilities to achieve this goal. The Project EIR will evaluate infrastructure requirements, including conveyance and treatment of wastewater.

General Plan Goal/Policy		Consistency
Policy 14.1	*Require all development to adequately collect, treat, and dispose of wastewater in accordance with the Santa Ana Regional Water Quality Control Board requirements.*	The Project will comply with the March JPA's NPDES New Development and Redevelopment Guidelines for Projects Under the March Joint Powers Authority and the Santa Ana Regional Water Quality Control Board Order No. R8-2002-0011.
Policy 14.2	*Require connection to the sewer system for any development occurring on land formerly part of March AFB.*	See response to Goal 14 and Land Use Policy 14.1. As shown in Figure 3-6 of the Specific Plan, the project will extend sewer lines to service the project, connecting to the existing sewer lines adjacent to the Specific Plan area.
Policy 14.3	*Encourage reuse of reclaimed and treated non-potable water for irrigation and maintenance of recreation areas, landscaping and /open space preservation.*	Reclaimed water is not available for use within the project.
Goal 16	*Adequate supplies of natural gas and electricity from utility purveyors and the availability of communications services shall be provided within the March JPA Planning Area.*	The Project EIR will evaluate the utility providers' ability to serve the Project. Any significant impacts to public services or utilities will be mitigated through the environmental review process and prior to development.
Policy 16.1	*Where feasible, require new development to underground on-site telecommunication connections.*	The Project will underground on-site telecommunication connections.

General Plan Goal/Policy		Consistency
Goal 17	*Adequate flood control facilities shall be provided prior to, and concurrent with, development in order to protect the lives and property within the March JPA Planning Area.*	The Project will comply with the March JPA's NPDES New Development and Redevelopment Guidelines for Projects Under the March Joint Powers Authority and the Santa Ana Regional Water Quality Control Board Order No. R8-2002-0011. A hydrology study and water quality management plan (WQMP) will be prepared for the Project. It is not presumed that Project implementation would have a substantial impact on water quality standards or waste discharge requirements. The project will provide for a drainage plan to convey on-site flows to the existing drainage areas downstream of the project. A regional drainage solution is in process to convey off-site flows around the project site to the existing drainage facilities downstream. Any significant impacts to hydrology and water quality will be mitigated through the environmental review process and prior to development.
Policy 17.1	*Provide for the adequate drainage of storm runoff to protect the lives and property within the Planning Area.*	See response to Land Use Goal 17.
Policy 17.2	*Monitor and maintain drainage and flood control facilities to ensure adequate capacity to support the land use plan.*	See response to Land Use Goal 17.
Policy 17.3	*Require new development to construct new or upgrade existing drainage facilities to accommodate the additional storm runoff caused by the development.*	The project's hydrology study evaluates the system required to capture and convey on-site runoff. Site runoff will be captured and detained in two on-site basins, one located in each of the two planning areas within the Specific Plan. Water will be detained, treated, and released at a rate consistent with the existing condition.

Transportation		
Goal 1	*Establish and provide for a comprehensive transportation system that captures the assets and opportunities of the planning area, existing transportation facilities, and planned transportation facilities for the future growth and development of the planning area and sub-region.*	The Project is located to the east of the Meridian Specific Plan. The existing infrastructure for the Meridian development will be extended to the east to support the Project, including extension of Van Buren Boulevard from its existing terminus to the extension of Western Way on the Specific Plan's southern edge. This road extension is consistent with the planned roadway network in the General Plan Circulation Element.
Policy 1.1	*Plan for a mix of transportation modes aimed at effective use of resources, both physical infrastructure and natural energy resources.*	See responses to Transportation Goals 1 and 2.
Policy 1.2	*Design transportation improvements which are compatible with the natural environment. Xeriscape and drought tolerant landscaping techniques should be used for all parkway and median plantings. Where feasible non-potable water should be used for irrigation purposes.*	See responses to Land Use Policy 14.3 and Resource Management Policy 1.5. The Specific Plan's landscape plan illustrates the proposed landscaping within the Specific Plan Area in in the proposed roadways supporting the project. The plant palette outlined in Table 4-1 of the Specific Plan is comprised of drought tolerant landscape materials.
Policy 1.4	*Roadway system shall inter-relate with the components of the multi-faceted transportation system that will assist with the synergistic value of each element's effectiveness (i.e., bike lockers at the Metrolink station, with bike lanes emanating there from).*	See responses to Transportation Goals 1 and 2. No bikeways are planned in the General Plan as part of the extension of Van Buren Boulevard west of I-215, although on-site bicycle parking is provided.
Goal 2	*Build and maintain a transportation system which capitalizes on the multi-faceted elements of transportation planning and systems, designed to meet the needs of the planning area, while minimizing negative effects on air quality, the environment and adjacent land uses and jurisdictions.*	No bikeways are planned in the General Plan as part of the extension of Van Buren Boulevard west of I-215, although on-site bicycle parking is provided.

Policy 2.6	*FAA Standards, military AICUZ, and appropriate Comprehensive Land Use Plan for March Airfield shall be upheld and supported to encourage and realize a safe environment in and around the aviation field.*	FAA standards and AICUZ requirements will be complied with. The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B occupancy and use restrictions. Security fencing will be provided adjacent to the runway. In addition, no standing water exceeding the airport's 48 hour criteria will be allowed as part of the project's drainage plans.
Policy 2.7	*On-street parking shall be de-emphasized throughout the planning area to permit maximum capacity of roadways to be actuated by vehicular and bicycle transportation modes.*	The Project will provide adequate off-street parking to limit the potential for on-street parking. This will allow for more capacity on the roadways for sidewalks and landscaping.
Policy 2.8	*Street improvements shall be designed in a comprehensive manner to include parkway facilities, pedestrian walkways, commuter bike lanes, signing, lighting noise and air quality factors, as applicable.*	The Project will comply with the roadway standards within the Circulation Plan associated with this Specific Plan and its associated Design Guidelines. The Specific Plan specifies the cross-sections for public roadways which include sidewalks, medians, and landscaping. The Design Guidelines provide the architectural, signage, parking, and landscaping standards to achieve the goals of both project identity and quality development. For the Van Buren Boulevard extension to the west of I-215, the General Plan does not include on-street bike lanes.
Goal 3	*Develop a transportation system that is safe, convenient, efficient and provides adequate capacity to meet local and regional demands.*	This Project will construct an internal driveway/private drive network and provide for the extension of Van Buren Boulevard from it existing terminus to a planned extension of Western Way on the Specific Plan's southern edge, based on future demand and the General Plan circulation element. Transportation improvements will be constructed and phased as determined by the Project EIR's traffic analysis. The Project EIR will evaluate traffic and transportation impacts. Any significant impacts to traffic will be mitigated through the environmental review process and prior to development.
Policy 3.1	*Follow standards for transportation element roadways in designing and constructing street improvements.*	See response to Transportation Policy 2.8.

Goal 4	*Provide a balanced transportation system that ensures the safe and efficient movement of people and goods throughout the planning area, while minimizing the use of land for transportation facilities.*	Project internal drives and adjacent public roadways (Van Buren Boulevard and Western Way extensions) will be sized to accommodate projected future traffic in an efficient manner.
Policy 4.2	*All streets shall be constructed in accordance with planning area's standard street classifications. Modifications within the Northeast Planning Subarea to the standard street classifications may be allowed on a limited basis to preserve the integrity of the area and facilities.*	See response to Transportation Policy 2.8.
Policy 4.10	*Work with the City of Perris to plan for an arterial roadway on the east frontage of I-215 between Van Buren Boulevard and Oleander Avenue, in order to preserve future options for developing a passenger or air cargo terminal on the west side of the runway.*	The proposed extension of Van Buren Boulevard on the eastern edge of I-215, connecting with a proposed extension of Western Way in the City of Perris, implements this requirement.
Goal 6	*Establish vehicular access control policies in order to maintain and insure the effectiveness and capacity of arterial roadways.*	Project internal roadways will be designed in accordance with the "County Road Improvement Standards and Specifications," published by the County of Riverside, and take into account additional landscaping requirements established in the Riverside County Integrated Plan County standards, and implement appropriate intersection and driveways intervals on arterial roadways.
Policy 6.2	*Access to an arterial road shall be limited to one point for every 300 feet of frontage or one point for parcels with less than 300 feet of frontage.*	The Specific Plan area includes approximately 5,500 linear feet of frontage on the proposed extension of Van Buren Boulevard, allowing for approximately 18 access points. The Specific Plan land use includes six points of access and is thus consistent with this requirement.

Goal 7	*Facilitate and develop transportation demand management and transportation systems management programs, and use of alternate transportation modes.*	Transportation Demand Management (TDM) strategies will be implemented to shift trips outside the standard commuting hours and/or to non-"drive alone" modes of travel. This is accomplished through various employer-initiated measures, such as flexible working hours, encouragement of carpooling, and facilitating access for non-motorized (i.e., bicycling or walking) modes of travel.
Policy 7.5	*Provide a system of bicycle facilities (paths, lanes and routes) in conjunction with circulation system roadway improvements.*	No bikeways are planned in the General Plan as part of the extension of Van Buren Boulevard west of I-215, although on-site bicycle parking is provided.
Goal 8	*Adequate, affordable, equitably distributed and energy efficient public and mass transit services which promote the mobility to, from, and within the planning area shall be provided.*	See response to Transportation Goal 2. The local transit system of bus stops and bus shelters will be approved by the Riverside Transit Agency (RTA) as appropriate along the proposed extension of Van Buren Boulevard and Western Way.
Policy 8.1	*Evaluate transportation alternatives with project design, development and implementation.*	See responses to Transportation Goals 1 and 2.
Goal 9	*Develop measures which will reduce the number of vehicle-miles traveled during peak travel periods.*	See response to Land Use Goal 1. The Project will provide a large employment base, which will provide an opportunity for residents in the vicinity to work locally, rather than commute to Los Angeles or Orange Counties. This improved Jobs/housing balance will help reduce vehicle miles traveled.
Policy 9.1	*Provide incentives to employers who encourage carpooling and vanpooling for employees.*	See response to Transportation Goal 7.
Policy 9.2	*Provide preferential parking for carpools and vanpools, where appropriate.*	The Specific Plan development regulations require a minimum of 5% carpool/vanpool parking spaces within the Specific Plan area.
Goal 10	*Regulate the travel of trucks on March JPA Planning Area streets.*	The Project is designed to accommodate truck traffic. Western Way is a designated truck route in the City of Perris, and Van Buren Boulevard is a truck route as designated in the General Plan.

Policy 10.1	*Establish a truck route system which designates truck and commercial vehicle routes and provides adequately sized and designed roadways to meet the needs of trucks and commercial vehicles. This will eliminate truck and commercial vehicle traffic through inappropriate areas of the March JPA Planning Area.*	See response to Transportation Goal 10.
Policy 10.2	*Clearly sign designated truck routes and identify maximum weight limitations on these routes.*	See response to Transportation Goal 10. This requirement would be implemented as part of construction plans for the public roadways developed as part of the project (Van Buren Boulevard and Western Way).
Goal 11	*Adequate off-street parking for all land uses shall be provided which requires adequate on-site parking to prevent spill over on the adjacent street system.*	The Project will provide adequate parking to limit the potential for parking spillover on to streets. Parking will be provided in accordance with the Development Regulations established by the Specific Plan. Parking ratios have been provided based on square footage. Parking ratios for car/vanpools, bicycle parking, and charging stations have also been provided in the Specific Plan development regulations.
Policy 11.1	*Provide for adequate parking facilities for all uses.*	See response to Transportation Goal 11.
Policy 11.4	*Provide for adequate parking facilities for all uses.*	See response to Transportation Goal 11.
Policy 11.5	*Provide adequate loading areas within off-street parking areas for all commercial and manufacturing land uses.*	The Project will provide adequate loading areas associated with the proposed logistics/industrial buildings.
Goal 12	*Plan for and seek to establish and area-wide system of bicycling trails, with linkages within the planning area and with adjacent jurisdictions, and in compliance with sub-regional plans.*	No bikeways are planned in the General Plan as part of the extension of Van Buren Boulevard west of I-215, although on-site bicycle parking is provided within the Specific Plan area.

Policy 12.7	*Require sidewalks on both sides of all streets. The March JPA encourages alternate designs including parkways and meandering and enhanced paving.*	As shown in the street cross sections of the Specific Plan's Circulation Plan, sidewalks are provided on the project-frontage of Van Buren Boulevard, and right of way accommodating sidewalks is provided on both Van Buren Boulevard and Western Way extensions.
Goal 13	*Promote, preserve, and protect the join use of the aviation field by the Air Force Reserves and civilian aviation.*	The proposed project will not impact the use of the air field in any way.
Policy 13.6	*Protect flight paths from inappropriate development encroachment.*	FAA standards and AICUZ requirements will be complied with. The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B occupancy and use restrictions. Security fencing will be provided adjacent to the runway.
Policy 13.8	*Adhere to approved airport layout plans approved by the Joint Powers Commissions and recognized by the FAA.*	See response to Policy 13.6 above.
Goal 15	*In accordance with state and federal law, promote and provide mobility for the disabled.*	Development plans shall take into account the accessibility requirements of the Americans with Disability Act (ADA).
Policy 15.1	*Require that all development comply with the requirements of the state and federal law for the disabled. Requirements may include ramps at street corners, access to public buildings, traffic signal timing and the like.*	See response to Transportation Goal 15.
Noise		
Goal 1	*Ensure that land uses are protected from excessive and unwanted noise.*	Project development shall be consistent with the land use limitations established in the AICUZ study and the Riverside County Airport Land Use Plan. Industrial uses are consistent with the noise limitations of the AICUZ study.

Policy 1.1	*Establish acceptable limits of noise for various land uses throughout the March JPA Planning Area. Future development that could increase ambient noise levels shall be required to mitigate the anticipated noise increase, to the extent possible.*	The Project EIR will evaluate noise impacts. The Specific Plan area is located adjacent to the airport runway, an inherently noisy environment. Any significant impacts from Project noise will be mitigated through the environmental review process and prior to development. Industrial uses are consistent with the noise limitations of the AICUZ study.
Policy 1.3	*Encourage good acoustical design in new construction.*	See response to Noise Policy 1.1.
Goal 2	*Minimize incompatible noise level exposures throughout the Planning Area, and where possible, mitigate the effect of noise incompatibilities to provide a safe and healthy environment.*	No sensitive uses are located in proximity to the proposed Specific Plan area. Design features and mitigation measures to minimize noise impacts from the Project will be evaluated during the environmental review process. Incompatible land uses will not be allowed in the project area.
Policy 2.4	*March JPA shall evaluate noise sensitivity and noise generation when considering land use projects and transportation improvement projects, and where appropriate mitigation measures shall be employed.*	See response to Noise Goal 2. Industrial uses are consistent with the noise limitations of the AICUZ study.
Goal 3	*Work toward the reduction of noise impacts from vehicular traffic, and aviation and rail operations.*	See response to Noise Goal 2.
Policy 3.4	*Where appropriate, noise mitigation measures shall be incorporated in the design and approval of development property located adjacent to aviation and rail facilities.*	Noise mitigation, if required, will be incorporated into the project based on the noise studies prepared as part of the project's Environmental Impact Report.
Policy 3.7	*Limit trucking operations to appropriate routes, times and speeds.*	The Project is designed to accommodate truck traffic. Western Way is a designated truck route in the City of Perris, and Van Buren Boulevard is a truck route as designated in the General Plan. Standard speeds would apply on public truck routes.

Policy 3.8	*Appropriate muffling systems for construction equipment and operations shall be required, as necessary.*	The Project EIR will evaluate noise impacts associated with construction. Any significant impacts from Project construction noise will be mitigated through the environmental review process and prior to development.
	Air Quality	
Goal 1	*Promote alternative modes of travel.*	See response to Transportation Goal 2.
Policy 1.3	*Support trip-reduction programs, such as longer work days, shorter week work schedules.*	See response to Transportation Goal 7.
Goal 2	*Reduce emissions associated with vehicle miles traveled by enhancing the jobs/housing balance of the subregion of western Riverside County.*	The Project will provide a large employment base, which will provide an opportunity for residents in the vicinity to work locally, rather than commute to Los Angeles or Orange Counties. This improved Jobs/housing balance will help reduce vehicle miles traveled.
Policy 2.1	*Create an employment center within the housing rich environment of the subregion.*	See responses to Air Quality Goal 1 and Transportation Goal 9.
Goal 3	*Reduce air pollution through proper land use, transportation and energy use planning.*	See responses to Transportation Goals 2 and 7.
Policy 3.1	*Locate ancillary uses within business and employment centers to reduce the number of vehicle trips and lessen the vehicle miles traveled.*	The Specific Plan development regulations allow for ancillary office and retail uses in association with the proposed logistics/e-commerce uses. Inclusion of these ancillary uses will reduce the need for outside vehicular trips.
Policy 3.2	*Locate service uses and facilities in convenient proximity to employment and business center areas to encourage pedestrian or alternative transit to reduce the number of vehicle trips.*	See responses to Land Use Goal 1 and Transportation Goal 9.

Policy 3.3	*Develop a bike lane network that will link the bike lanes to residential areas adjacent to the Planning Area and Metrolink Stations to encourage non-motorized travel within the planning area.*	No bikeways are planned in the General Plan as part of the extension of Van Buren Boulevard west of I-215, although on-site bicycle parking is provided within the Specific Plan area.
Policy 3.4	*Encourage ride share programs.*	See response to Transportation Goal 7.
Policy 3.5	*Parking facilities shall be designed to safely accommodate and support alternative modes of transportation and preferential location of alternative fuel vehicles and mass transit services.*	See response to Transportation Goal 2. In addition, the project will include charging stations for electric vehicles within the parking areas of the plan consistent with CAL Green standards.
Goal 5	*Maximize the effectiveness of air quality control programs through coordination with other governmental entities.*	The Project will comply with South Coast Air Quality Management District rules and regulations.
Policy 5.5	*Review development projects to determine the potential air quality impacts and provide appropriate mitigation, where necessary.*	The Project EIR will evaluate air quality impacts. Any significant impacts to air quality from the Project will be mitigated through the environmental review process and prior to development.
Goal 6	*Reduce emissions associated with vehicle/engine use.*	See responses to Land Use Goal 1 and Transportation Goal 9.
Policy 6.3	*Encourage diversion of peak hour truck traffic, whenever feasible, to off-peak periods to reduce roadway congestion and associated emissions.*	See response to Transportation Goal 10.
Policy 6.5	*Encourage trucks operating within March JPA Planning Area to maintain safety equipment and operate at safe speeds so as to reduce the potential for accidents which create congestion and related emissions.*	The Project EIR will evaluate air quality impacts. Any significant impacts to air quality from the Project will be mitigated through the environmental review process and prior to development.

Goal 7	*Reduce emissions associated with energy consumption.*	Buildings shall be designed to reduce energy usage through various measures (such as energy efficient lighting and glazing, using lighter colored roofing materials, orienting buildings north and increasing wall insulation above Title 24 requirements, etc.) The project's EIR will analyze the impacts associated with energy consumption and proposed mitigation measures to reduce impacts.
Policy 7.1	*Support the use of energy-efficient equipment and design in the March JPA Planning Area for facilities and infrastructure.*	See response to Air Quality Goal 7.
Policy 7.3	*Support passive solar design in new construction.*	See response to Air Quality Goal 7.
Policy 7.4	*Support recycling programs which reduce emissions associated with manufacturing and waste disposal.*	Recycling of materials will be a component of the waste management program of uses within the Specific Plan area.
Policy 7.5	*Support drought-resistant vegetation in landscaping areas to reduce energy needed to pump water.*	The specific Plan includes a landscape plan and plant palette for development within the Specific Plan area. The project's plant materials include predominantly drought tolerant vegetation.
Goal 8	*Reduce air pollution emissions and impacts through siting and building design.*	See response to Air Quality Goal 7. Design features and mitigation measures to minimize the impacts to air quality from the Project will be evaluated during the environmental review process.
Policy 8.1	*Support the use of low polluting construction materials and coatings.*	The Project EIR will evaluate air quality impacts from construction. Any significant impacts to air quality from the Project will be mitigated through the environmental review process and prior to development.
Goal 9	*Reduce fugitive dust and particulate matter emissions.*	Trucks hauling dirt, sand, gravel or soil are to be covered or should maintain at least two feet of freeboard in accordance with Section 23114 of the California Vehicle Code. Where feasible, construction access roads to the main roads should be paved to avoid dirt being carried on to the roadway or track-out devices should be installed. In addition, the project EIR will evaluate impacts associated with fugitive dust and particulate matter during construction and proposed mitigation measures to reduce or eliminate impacts.

Policy 9.1	*Require all feasible fugitive dust reduction techniques to be utilized during construction activities.*	See response to Air Quality Goal 9.
Housing		
The General Plan does not allow for housing opportunities within the March JPA Planning Area due to incompatible uses with the airfield, the need to focus on the reestablishment of the numerous jobs lost due to base realignment, and the housing rich environment of Western Riverside County. The Project maintains consistency with the General Plan's absence of a residential land use designation within the Specific Plan area.		
Resource Management		
Goal 1	*Conserve and protect surface water, groundwater, and imported water resources.*	The Project will be constructed to mitigates impacts to the existing drainage channel. Furthermore, the Project EIR will evaluate impacts to hydrology and water supply from the Project. Any significant impacts to hydrology or water supply from the Project will be mitigated through the environmental review process and prior to development.
Policy 1.1	*Where possible, retain local drainage courses, channels and creeks in their natural condition.*	See response to Resource Management Goal 1. The on-site drainage is related to regional water flows across the site and is not a natural stream course. The proposed grading plan impacts this drainage to facilitate development of the site and to provide an alternative drainage conveyance plan for regional flows. Impacts will be mitigated in accordance with agency permitting requirements.
Policy 1.2	*Protect groundwater and surface water resources from depletion and sources of pollution.*	See responses to Land Use Goal 17 and Resource Management Goal 1.
Policy 1.4	*Require development to conserve water resources, including the use of water-efficient plumbing fixtures and irrigation systems.*	See response to Air Quality Goal 7.

Policy 1.5	*Conserve imported water by requiring water conservation techniques, water-conserving and recycling processes, drought- resistant landscaping, and reclaimed water for irrigation, when available and appropriate.*	The Project will comply with the Specific Plan's Design Guidelines. The Design Guidelines require the use of drought-resistant landscaping by the Project. Reclaimed water will be used if available.
Policy 1.6	*Promote the use of drought tolerant landscaping in development, and encourage the use of reclaimed water for irrigation in parks, golf courses, and industrial uses, as well as for other urban uses, whenever feasible and where legally permitted.*	See response to Resource Management Policy 1.5. The Specific Plan includes a landscape plan and plant palette for development within the Specific Plan area. The project's plant materials include predominantly drought tolerant vegetation. The project does not contain parks.
Policy 1.8	*Assure that development projects comply with regulatory agency requirements, including federal, state and regional regulations.*	The Project shall be required to obtain a Clean Water Act (CWA) Section 404 permit (regulated by the U.S Army Corps of Engineers), a Streambed Alteration Agreement (regulated by the California Department of Fish and Wildlife), a CWA Section 401 Water Quality Certification (regulated by the Regional Water Quality Control Board) to impact waters of the U.S/State.
Goal 2	*Control flooding to reduce major losses of life and property.*	See response to Land Use Goal 17.
Policy 2.3	*Ensure that development does not divert storm water run off onto adjacent properties, or cause alterations of natural drainage courses that cannot be adequately handled by flood control improvements installed coincident with the development.*	See response to Land Use Goal 17.
Policy 2.5	*To the greatest extent possible, require development to use master flood control facilities and limit use of interim drainage facilities or open channels.*	The drainage plan for the project will utilize the existing open channel as a downstream conveyance system as well as an open trapezoidal channel along the project's easterly property line as an interim solution to a regional issue. See response to Land Use Goal 17.

Goal 3	*Conserve and protect significant land forms, important watershed areas, mineral resources and soil conditions.*	The Project will not impact any significant landforms or mineral resources. The Project EIR will evaluate impacts to hydrology, geology and soils from the Project. Any significant impacts to hydrology, geology and soils from the Project will be mitigated through the environmental review process and prior to development.
Policy 3.1	*Conserve hillsides and rock outcroppings in the planning area through the use of master-planned developments which create a "Campus-like" setting, and encourage the creative siting of building areas as a means of retaining natural areas and open space.*	The Project will be constructed in a flat area with no rock outcroppings and will not impact any of the area's hillsides.
Policy 3.5	*Require and practice proper soil management techniques to reduce erosion, sedimentation and other soil-related problems.*	See response to Land Use Policy 8.1. A SWPPP and Erosion Control Plan will be required for the project to reduce erosion and other soil related problems. In addition, all grading will be reviewed by a soils consultant as part of grading permit preparation.
Policy 3.6	*Control erosion during and following construction through proper grading techniques, vegetation replanting, and the installation of proper drainage control improvements.*	See response to Land Use Policy 8.1 and Resource Management Policy 3.5
Policy 3.7	*Require erosion control measures such as binders, revegetation, slope covers, and other practices which reduce soil erosion due to wind and water.*	See response to Land Use Policy 8.1 and Resource Management Policy 3.5
Goal 4	*Conserve energy resources through use of available energy technology and conservation practices.*	See response to Air Quality Goal 7.
Policy 4.1	*Implement energy performance requirements established under the California Administration Code Title 24 Energy Conservation and Insulation Regulations.*	See response to Air Quality Goal 7.

Policy 4.2	*Encourage innovative building, site design and orientation techniques which minimize energy use by taking advantage of sun/shade patterns, prevailing winds, landscaping, and building materials available to control energy usage.*	See response to Air Quality Goal 7.
Policy 4.3	*Encourage the use and development of alternative and innovative energy resources and energy conservation techniques, where practical.*	See response to Air Quality Goal 7.
Goal 5	*Conserve and protect significant stands of mature trees, native vegetation, and habitat within the planning area.*	The Project EIR will evaluate impacts to biological resources from the Project. Any significant impacts to biological resources from the Project will be mitigated through the environmental review process and prior to development. The Project would comply with the federal, state and local regulations regarding impacts to sensitive biological resources.
Policy 5 1	*Where practical, conserve important plant communities and habitats such as riparian areas, wetlands, significant tree stands, and species by using buffers, creative site planning, revegetation and open space easements/dedications.*	See responses to Resource Management Goals 1 and 5.
Policy 5.2	*Encourage the planting of native species of trees and other drought-tolerant vegetation.*	See response to Resource Management Policy 1.5.
Policy 5.4	*In areas that may contain important plant and animal communities, require development to prepare biological assessments identifying species types and locations and develop measures to preserve recognized sensitive species, as appropriate.*	See responses to Resource Management Policy 1.8 and Goal 5. The site is not located in an area with important plan and animal communities.

Policy 5.6	*Work with state, federal and local agencies in the preservation and/or mitigation of recognized sensitive vegetation and wildlife in March JPA Planning Area.*	See response to Resource Management Policy 1.8.
Goal 6	*Provide an effective and efficient waste management system for solid and hazardous wastes that is financially and environmentally responsible.*	The Project shall comply with appropriate and applicable regulations and standards with respect to the management of solid and hazardous wastes.
Policy 6.4	*Coordinate with regulatory agencies in assuring that future development handles and disposes of hazardous materials in compliance with applicable regulations.*	See response to Safety Risk/Management Goal 4.
Goal 7	*Promote cultural awareness through preservation of the planning area's historic, archaeological and paleontological resources.*	The Project is not anticipated to impact significant historic, archaeological or paleontological resources. The project EIR will comply with the requirements of AB 52 related to Tribal consultation.
Policy 7.5	*Require development proposals that are located on or near archaeological or paleontological resources to provide a cultural resources study that assesses potential impacts to the resource as a result of the proposed development. The report will include measures to avoid destruction of any significant cultural resources.*	See response to Resource Management Goal 7, above
Policy 7.6	*Require the preservation of identified cultural resources to the extent possible, prior to development, through dedication, removal, transfer, reuse, or other means.*	See response to Resource Management Goal 7, above

Goal 9	*Create a network of open space areas and linkages throughout the Planning Area that serves to preserve natural resources, protect health and safety, contributes to the character of the community, provide active and passive recreational use, as well as visual and physical relief from urban development.*	This goal is not applicable to the project, as the site is located between the airport runway and the freeway (I-215) and lacks the potential for significant open space linkages.
Policy 9.8	*Enforce the standards of the military and FAA relative to aviation hazard areas to protect the use of the aviation field, and use of property within its vicinity.*	FAA standards and AICUZ requirements will be complied with. The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B occupancy and use restrictions. Security fencing will be provided adjacent to the runway. In addition, no standing water exceeding the airport's 48 hour criteria will be allowed as part of the project's drainage plans.
Goal 10	*Establish standards for scenic corridors, trails and vistas that contribute to the quality of the planning area.*	Not applicable. No established scenic corridors or planned trails are present adjacent to the Specific Plan area.
Policy 10.4	*Use design standards for transportation facilities that include street trees, pedestrian walkways, bicycle lanes, signing, lighting and setbacks to complement and enhance the character of the planning area.*	The Specific Plan includes landscape sections and a landscape plan that includes street trees and pedestrian walkways as well as landscaped setbacks.
Safety/Risk Management		
Goal 1	*Minimize injury and loss of life, property damage, and other impacts caused by seismic shaking, fault rupture, ground failure, and landslides.*	No Fault Rupture Hazard Zone or Alquist-Priolo Earthquake Fault Zone, as designated by the Department of Conservation (DOC), exist within the Project site based on the projects soils report and the General Plan. Construction of the Project would be required to meet California Building Code (CBC) standards. Additionally, the March JPA would review and approve the plans and specifications of the proposed Project to ensure compliance with the provisions of the CBC and Title 24, which regulates building standards, Title 24 is administered by the California Building Standards Commission, which, by law, is responsible for coordinating all building standards.

Policy 1.1	*Require geological and geotechnical investigations in areas of potential seismic or geologic hazards as part of the environmental and development review process. Require mitigation of seismic or geologic hazards to the satisfaction of the responsible agencies.*	Construction of the Project would be required to meet California Building Code (CBC) standards. Additionally, the March JPA would review and approve the plans and specifications of the proposed Project to ensure compliance with the provisions of the CBC and Title 24, which regulates building standards, Title 24 is administered by the California Building Standards Commission, which, by law, is responsible for coordinating all building standards.
Policy 1.2	*Ensure all grading plans comply with the Uniform Building Code (UBC) and California Building Code including, if necessary, requiring preliminary investigations of development sites by a State-registered geotechnical engineers and certified engineering geologists.*	Construction of the Project would be required to meet California Building Code (CBC) standards. Additionally, the March JPA would review and approve the plans and specifications of the proposed Project to ensure compliance with the provisions of the CBC and Title 24, which regulates building standards, Title 24 is administered by the California Building Standards Commission, which, by law, is responsible for coordinating all building standards.
Goal 2	*Minimize grading and otherwise changing the natural topography, while protecting the public safety and property from geologic hazards.*	The Project will be constructed in a relatively flat area and will not impact the hillsides or rock outcroppings. The Project will incorporate grading development standards and recommendations, which will minimize any potential geotechnical and site development constraints that occur on-site.
Policy 2.1	*Discourage any grading beyond that which is necessary to create adequate building pads area.*	See response to Safety Risk/Management Goal 2.
Goal 3	*Minimize injury, loss of life, property damage, and economic and social disruption caused by flood hazards.*	See response to Land Use Goal 17.
Policy 3.4	*Ensure that development does not divert storm water run off onto adjacent properties, or cause alterations of natural drainage courses that cannot be adequately handled by existing drainage facilities or the flood control improvements proposed with the development.*	The proposed project will implement a drainage system that will convey existing storm water around the development footprint and will be consistent with existing drainage patterns. Further, the project will mitigate storm water runoff to a flow rate equivalent to the pre-developed condition. See response to Land Use Goal 17.

Policy 3.5	*Require the installation and maintenance of storm drains by property owners.*	See response to Land Use Goal 17.
Goal 4	*Reduce threats to public safety and protect property from wildland and urban fire hazards.*	According to the Map My County – Riverside County database (County of Riverside 2015), the Project is not within a designated fire hazard area.
Policy 4.5	*Ensure that new access roads have adequate widths and turning radius for fire and emergency vehicles.*	Project roadways meet fire and emergency vehicle standards.
Policy 4.7	*Encourage the planting and maintenance of drought-resistant, fire-retardant species on slopes to reduce the risk of brush fire and soil erosion in areas adjacent to hillsides; and develop stringent site design and maintenance standards for areas with high fire hazard.*	According to the Map My County – Riverside County database (County of Riverside 2015), the Project is not within a designated fire hazard area. In addition, the Project will be constructed in a relatively flat area and will not impact hillsides. Furthermore, the Project will comply with the Specific Plan Design Guidelines, which require the use of drought-resistant landscaping by the Project.
Goal 5	*Reduce the potential for hazardous material exposure or contamination in the Planning Area.*	The transport of all hazardous materials, is regulated by the U.S. Department of Transportation (Title 49 of the Code of Federal Regulations, the California Highway Patrol (Title 13 of the California Code of Regulations), and the California State Fire Marshall (Title 19 of the California Code of Regulations). In addition, in order to operate in the State of California, all hazardous materials transporters must be registered with the California Department of Toxic Substances Control (DTSC). These regulations minimize the potential for incidents involving hazardous materials.
Policy 5.1	*Comply with the enforcement of disclosure laws that require all users, producers, and transporters of hazardous materials and wastes to clearly identify such materials at the site, and to notify the appropriate County, State and/or Federal agencies in the event of a violation.*	See response to Safety Risk/Management Goal 5.

Policy 5.3	*Require land uses involved in the production, storage, transportation, handling, or disposal of hazardous materials are located a safe distance from land uses that may be adversely impacted by such activities.*	See response to Safety Risk/Management Goal 5.
Policy 5.4	*Ensure the storage, use and transportation of any hazardous materials complies with the standards set forth within the errata sheets published for each substance.*	See response to Safety Risk/Management Goal 5.
Goal 7	*Reduce the possible risk of upset, injury, and loss of life, property damage and other impacts associated with an aviation facility.*	FAA standards and AICUZ requirements will be complied with. The project's land use plan and development regulations include height limitations associated with the 35-foot building restriction line and the 7:1 height requirements. In addition, the proposed uses comply with the Zone B occupancy and use restrictions. Security fencing will be provided adjacent to the runway. In addition, no standing water exceeding the airport's 48 hour criteria will be allowed as part of the project's drainage plans.
Policy 7.1	*Ensure development and use of property within the vicinity of airfield complies with appropriate building standards and codes including height restrictions, restrictions on use, setbacks, population densities, insulation and materials, as contained within an approved Comprehensive Land Use Plan (CLUP) and appropriate AICUZ.*	See response to Safety Risk/Management Goal 7.

NOTICE OF PUBLIC HEARING
RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION

A PUBLIC HEARING has been scheduled before the Riverside County Airport Land Use Commission (ALUC) to consider the application described below.

Any person may submit written comments to the ALUC before the hearing or may appear and be heard in support of or opposition to the project at the time of hearing. The proposed project application may be viewed at the Riverside County Administrative Center, 4080 Lemon Street, 14th Floor, Riverside, California 92501, Monday through Thursday from 8:00 a.m. to 4:30 p.m., except Monday, October 8 (Columbus Day), and by prescheduled appointment on Fridays, from 9:00 a.m. to 5:00 p.m.

ATTENTION: ALUC reviews a proposed plan or project solely to determine whether it is consistent with the applicable Airport Land Use Compatibility Plan. The March Joint Powers Authority will hold hearings on this item and should be contacted on non-ALUC issues.

PLACE OF HEARING: Riverside County Administration Center
4080 Lemon Street, 1st Floor Board Chambers
Riverside California

DATE OF HEARING: October 11, 2018

TIME OF HEARING: 9:30 A.M.

CASE DESCRIPTION:

ZAP1274MA17 – Riverside Inland Development, LLC/Hillwood Investment Properties (Representative: Kathy Hoffer) – March Joint Powers Authority Case Nos. General Plan Amendment No. 16-01, Specific Plan 16-02, Plot Plan 16-06, Parcel Map 16-02 (Tentative Parcel Map No. 37220). The applicant proposes to construct two industrial buildings totaling 2,185,618 square feet on 142.5 acres located easterly of Interstate 215, southerly of March Field Air Museum and the easterly terminus of Van Buren Boulevard, northerly of Nandina Avenue, and westerly of March Air Reserve Base. The applicant also proposes to amend the March Joint Powers Authority General Plan to include general warehousing/logistics uses as allowable land uses on lands designated as "Aviation" (AV), to amend the site's designation from "AV" to "AV (SP-8)", and to update the Building Capacity table in the Land Use Element. Specific Plan No. 16-02 is a proposal for a new Specific Plan (SP-8) that provides goals, policies, programs, land uses, development standards, and design guidelines for development on this site. Tentative Parcel Map No. 37220 proposes to divide the site into two parcels (one for each building). (Airport Compatibility Zone B2 of the March Air Reserve Base/Inland Port Airport Influence Area).

FURTHER INFORMATION: Contact ALUC Planner Paul Rull at (951) 955-6893. The ALUC holds hearings for local discretionary permits within the Airport Influence Areas, reviewing for aeronautical safety, noise and obstructions. All other concerns should be addressed to Mr. Jeffrey Smith of the March Joint Powers Authority at (951) 656-7000.

March B2

APPLICATION FOR MAJOR LAND USE ACTION REVIEW
RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION

ALUC Identification No. ZAP1274MA17

PROJECT PROPONENT (TO BE COMPLETED BY APPLICANT)

Date of Application: June 23, 2017

Property Owner: March Joint Powers Authority — Phone Number: 951·656·7000 ~~KATH~~

Mailing Address: 14205 Meridian Parkway, #0140, Riverside, CA 92518

APPLICANT

Agent (if any): Riverside Inland Development, LLC — Phone Number: (909) 382-0033 KATHY HOFFER

Mailing Address: 901 Via Piemonte, Suite 175, Ontario, CA 91764

PROJECT LOCATION (TO BE COMPLETED BY APPLICANT)

Attach an accurately scaled map showing the relationship of the project site to the airport boundary and runways

Street Address: Van Buren @ I-215 @ March Inland Port Airport

Assessor's Parcel No.: 294·150·009, 294·170·005,

Subdivision Name: 295·300·008, 294·140·013,

Lot Number: 294·180·038

Parcel Size: 142.5 Acres

Zoning Classification: Un-zoned

PROJECT DESCRIPTION (TO BE COMPLETED BY APPLICANT)

If applicable, attach a detailed site plan showing ground elevations, the location of structures, open spaces and water bodies, and the heights of structures and trees; include additional project description data as needed

Existing Land Use (describe): The existing General Plan land use designation is aviation. The site is located within Zone B2

Proposed Land Use (describe): The existing General Plan land use designation of aviation would be expanded to include general warehousing and logistics uses.

For Residential Uses — Number of Parcels or Units on Site (exclude secondary units): N/A

For Other Land Uses (See Appendix C) — Hours of Use: 24/7 Operation

Number of People on Site — Maximum Number: 100 people per acre average over site.

Method of Calculation: Per Specific Plan

Height Data — Height above Ground or Tallest Object (including antennas and trees): 48'-0" ft.

Highest Elevation (above sea level) of Any Object or Terrain on Site: 1571 above sea level

Flight Hazards — Does the project involve any characteristics which could create electrical interference, confusing lights, glare, smoke, or other electrical or visual hazards to aircraft flight? ☐ Yes ☒ No

If yes, describe

REFERRING AGENCY (APPLICANT OR JURISDICTION TO COMPLETE)

Date Received	6-26-17	Type of Project	
Agency Name	MARCH JPA	☒ General Plan Amendment	GPA 16-01
	14205 MERIDIAN PKY #140	☒ Zoning Amendment or Variance	SP 16-02
Staff Contact	JEFFREY SMITH	☒ Subdivision Approval	TPM 16-06
Phone Number	951-656-7000	☐ Use Permit	
Agency's Project No.		☐ Public Facility	
		☒ Other	Plot Plan PP 16-06

A. **NOTICE:** Failure of an applicant to submit complete or adequate information pursuant to Sections 65940 to 65948 inclusive, of the California Government Code, MAY constitute grounds for disapproval of actions, regulations, or permits.

B. **SUBMISSION PACKAGE:**

ALUC REVIEW

1. . . . . Completed Application Form
1. . . . . Project Site Plan – Folded (8-1/2 x 14 max.)
1. . . . . Elevations of Buildings - Folded
1 Each . 8 ½ x 11 reduced copy of the above
1. . . . . 8 ½ x 11 reduced copy showing project in relationship to airport.
1 Set Floor plans for non-residential projects
4 Sets. . Gummed address labels of the Owner and representative ***(See Proponent)***.
1 Set. . Gummed address labels of all property owners within a 300' radius of the project site. If more than 100 property owners are involved, please provide pre-stamped envelopes (size #10), with ALUC return address.
4 Sets. . Gummed address labels of the referring agency (City or County).
1. . . . . Check for Fee (See Item "C" below)

STAFF REVIEW (Consult with ALUC staff planner as to whether project qualifies)

1 . . . . Completed Application Form
1 . . . . . Project Site Plans – Folded (8-1/2 x 14 max.)
1 . . . . . Elevations of Buildings - Folded
1 . . . . . 8 ½ x 11 Vicinity Map
1 Set . Gummed address labels of the Owner and representative ***(See Proponent)***.
1 Set . Gummed address labels of the referring agency.
1 . . . . .Check for review–See Below

H-4 Federal Aviation Administration Aeronautical Study (Single Building Option)

HUITT-ZOLLARS

HUITT-ZOLLARS, INC. ı 3990 Concours ı Suite 330 ı Ontario, CA 91764-7970 ı 909.941.7799 phone ı 909.941.7789 fax ı huitt-zollars.com

January 17, 2020
HZ Job R311930.01

Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Boulevard
Ft. Worth, TX 76137-0520

Re: VIP 215 – Project Apollo, Riverside, California
Application for Determination of No Hazard to Air Navigation

Gentlemen/Ladies:

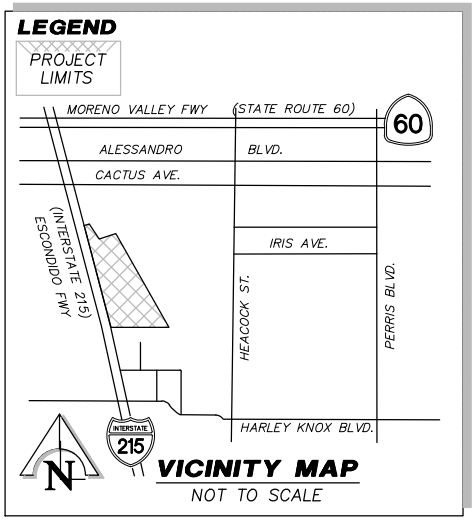
Please accept this letter as a statement of accuracy that the attached FAA Exhibit accurately depicts the location and elevation of the proposed warehouse building to be constructed at the subject property. Please use the listed values when making your determination. The provided latitude and longitude values and vertical elevations all have an accuracy that meets FAA 1A specifications, i.e. a horizontal tolerance of 20 feet and a vertical tolerance of 3 feet. The Latitude and Longitude coordinates provided are based on California Coordinate System Zone 6, North American Datum of 1983 (NAD 83) and vertical elevations provided are based on National Geodetic Vertical Datum of 1929 (NGVD 29).

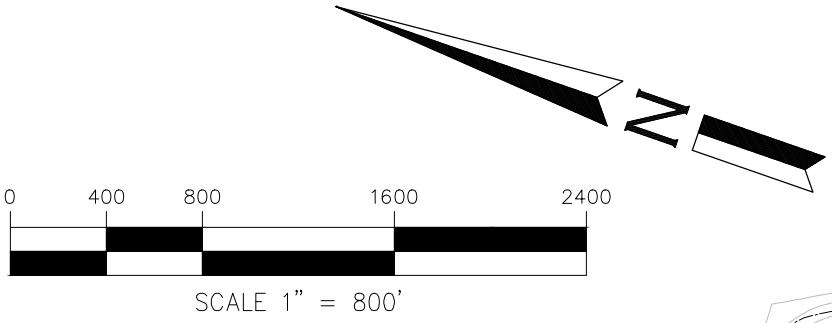
Should you have any questions regarding the above information, please do not hesitate to contact me at either 909-941-7799, x11411 or by e-mail at jmurad@huitt-zollars.com.

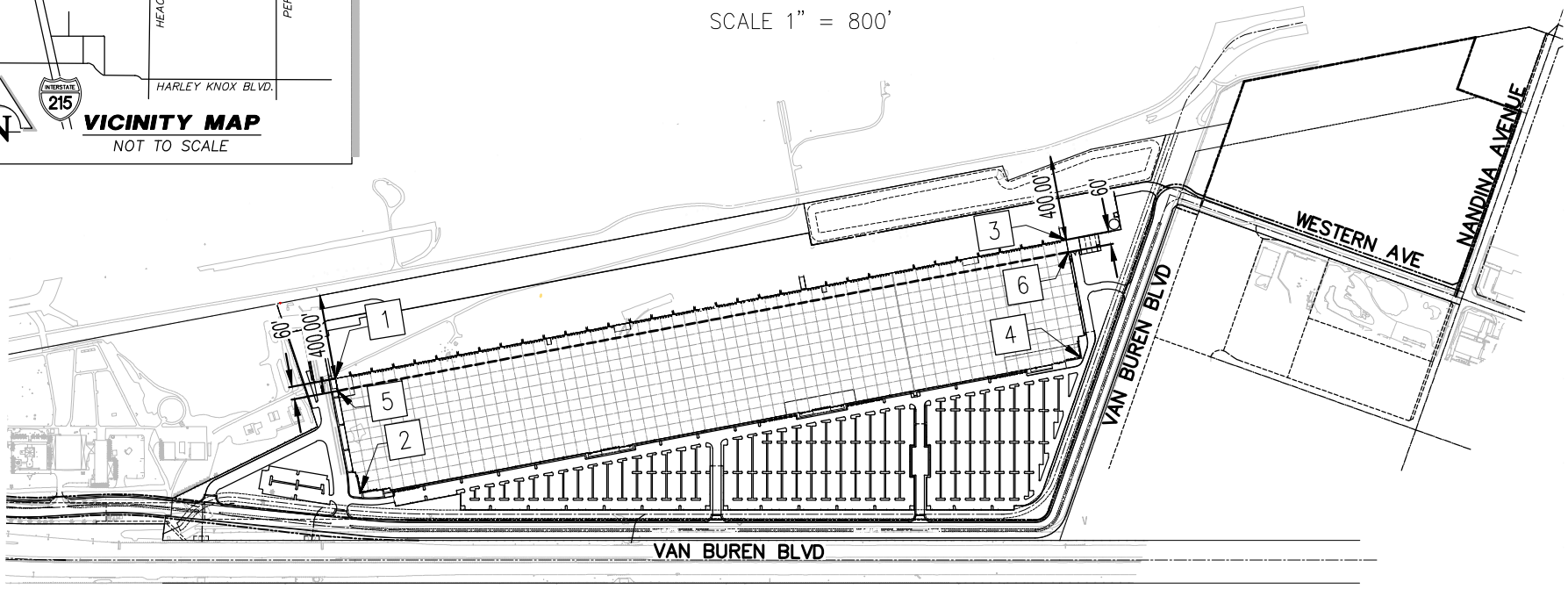
Sincerely,

Johnny Murad, P.E.
Vice President

Huitt-Zollars
3990 Concours, Suite 330
Ontario, CA 91764
909-941-7799
jmurad@huitt-zollars.com







BUILDING COORDINATES

☐	LATITUDE	LONGITUDE	EXISTING ELEV	EXTERIOR ELEV	FLOOR ELEV	TOP OF WALL
1	33°52'47.0029"	−117°15'50.8116"	1520.30	1520.72	1524.72	1569.22
2	33°52'44.0703"	−117°15'56.3657"	1518.61	1524.60	1524.64	1577.64*
3	33°52'16.9613"	−117°15'29.4442"	1506.39	1504.36	1507.07	1551.57
4	33°52'14.4274"	−117°15'35.3917"	1511.34	1507.00	1507.63	1560.63*
5	33°52'46.7001"	−117°15'51.4236"	1520.20	1524.68	1524.72	1578.02*
6	33°52'16.6585"	−117°15'30.0561"	1506.73	1507.03	1507.07	1560.07*

LATITUDE AND LONGITUDE PROVIDED IS BASED ON CALIFORNIA COORDINATE SYSTEM, ZONE 6, NAD 83, NGVD 1929 (EPOCH 2011.00)
* REPRESENTS ANTICIPATED MAX ELEVATION AT TOP OF EQUIPMENT (FINISHED FLOOR + 53')

FAA EXHIBIT
VIP 215 - PROJECT APOLLO

HUITT-ZOLLARS
3990 CONCOURS ST. • Suite 330 • Ontario, CA 91764
909/941-7799 • 909/941-7789 FAX

PROJ-R311930.01 1/17/2020

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2020-AWP-644-OE
Prior Study No.
2016-AWP-12029-OE

Issued Date: 02/27/2020

Kathy Hoffer
Riverside Inland Development, LLC
901 Via Piemonte
Suite 125
Ontario, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Vetrans Industrial Park I-215
Location:	Perris, CA
Latitude:	33-52-47.00N NAD 83
Longitude:	117-15-50.81W
Heights:	1521 feet site elevation (SE) 49 feet above ground level (AGL) 1570 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 2.

This determination expires on 08/27/2021 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

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This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

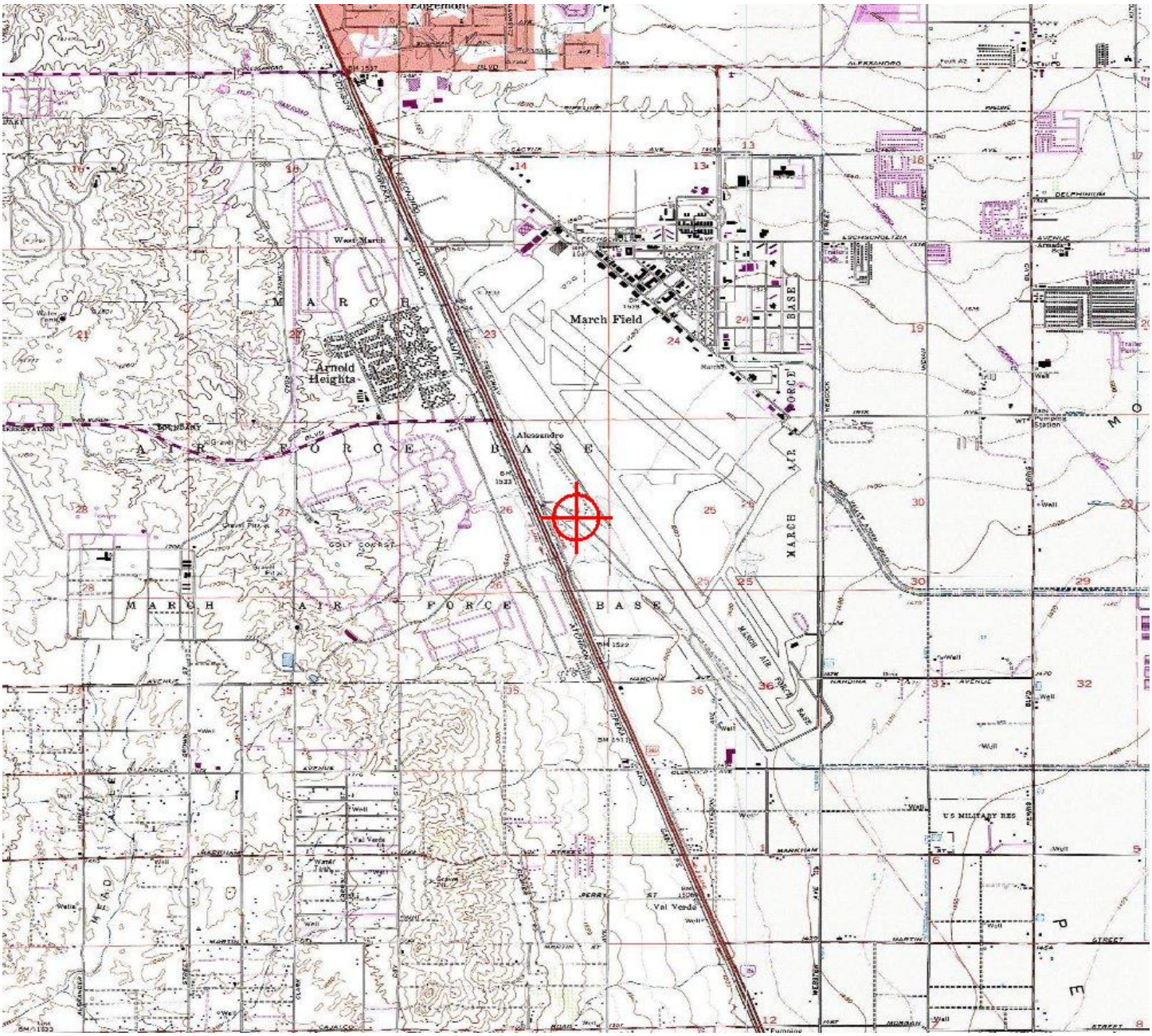
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-AWP-644-OE.

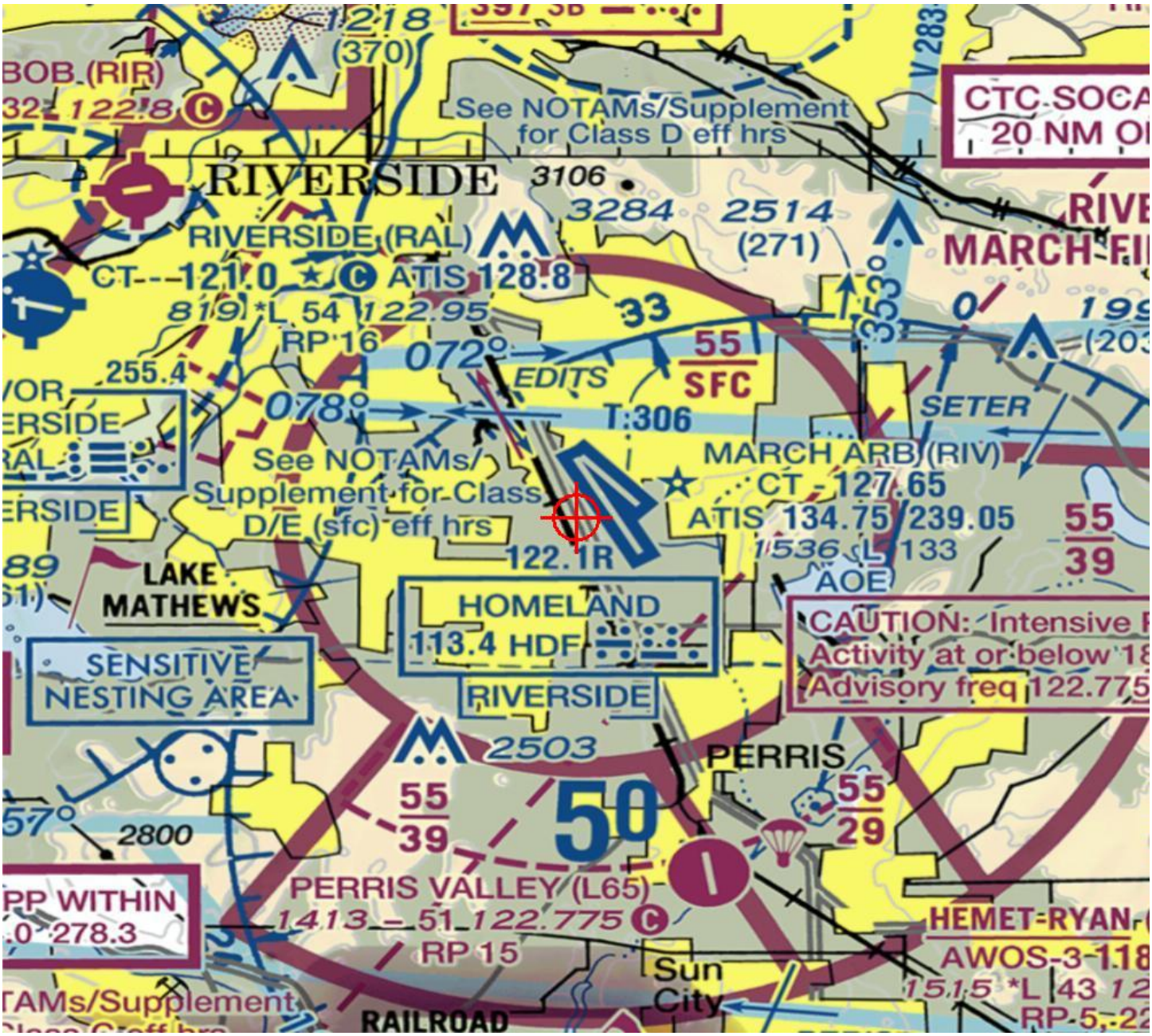
Signature Control No: 428280706-432020104 (DNE)
Paul Holmquist
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2020-AWP-644-OE



Sectional Map for ASN 2020-AWP-644-OE



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2020-AWP-645-OE
Prior Study No.
2016-AWP-12029-OE

Issued Date: 02/27/2020

Kathy Hoffer
Riverside Inland Development, LLC
901 Via Piemonte
Suite 125
Ontario, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Vetrans Industrial Park I-215
Location:	Perris, CA
Latitude:	33-52-44.07N NAD 83
Longitude:	117-15-56.37W
Heights:	1525 feet site elevation (SE)
	53 feet above ground level (AGL)
	1578 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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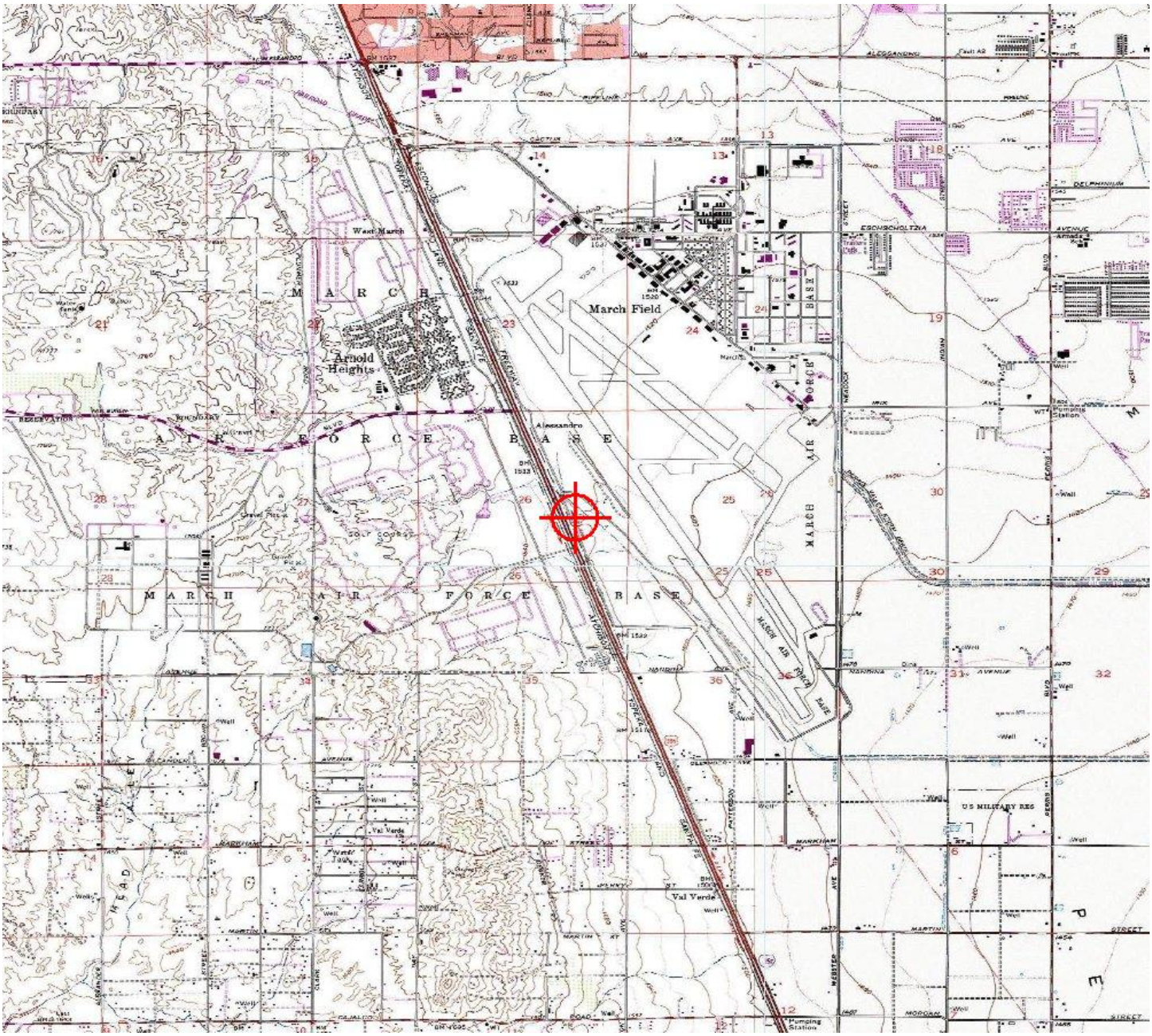
If we can be of further assistance, please contact our office at (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-AWP-645-OE.

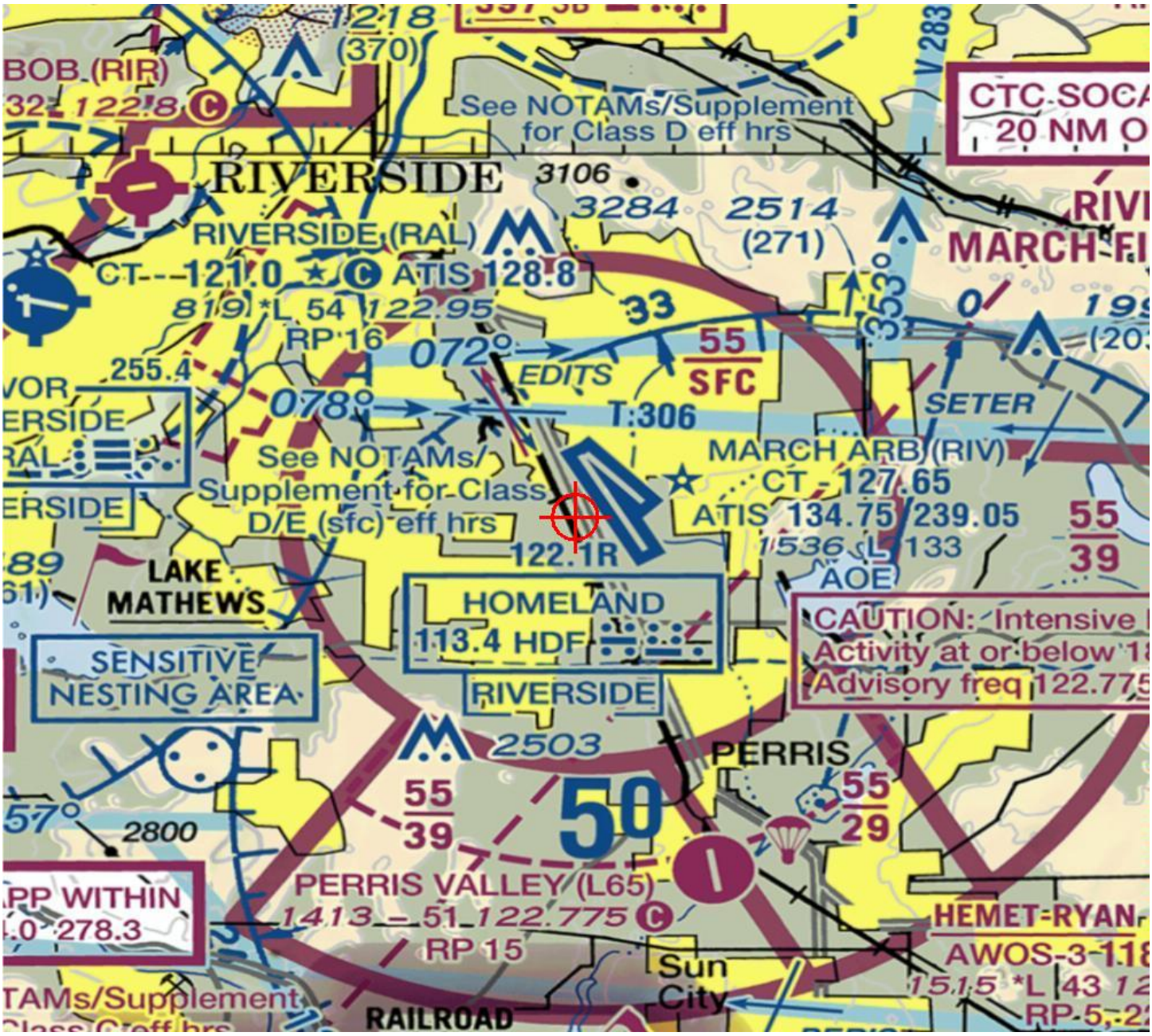
Signature Control No: 428280708-432020108 (DNE)
Paul Holmquist
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2020-AWP-645-OE



Sectional Map for ASN 2020-AWP-645-OE



Mail Processing Center
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Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2020-AWP-646-OE
Prior Study No.
2016-AWP-12029-OE

Issued Date: 02/27/2020

Kathy Hoffer
Riverside Inland Development, LLC
901 Via Piemonte
Suite 125
Ontario, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Vetrans Industrial Park I-215
Location:	Perris, CA
Latitude:	33-52-16.96N NAD 83
Longitude:	117-15-29.44W
Heights:	1504 feet site elevation (SE)
	48 feet above ground level (AGL)
	1552 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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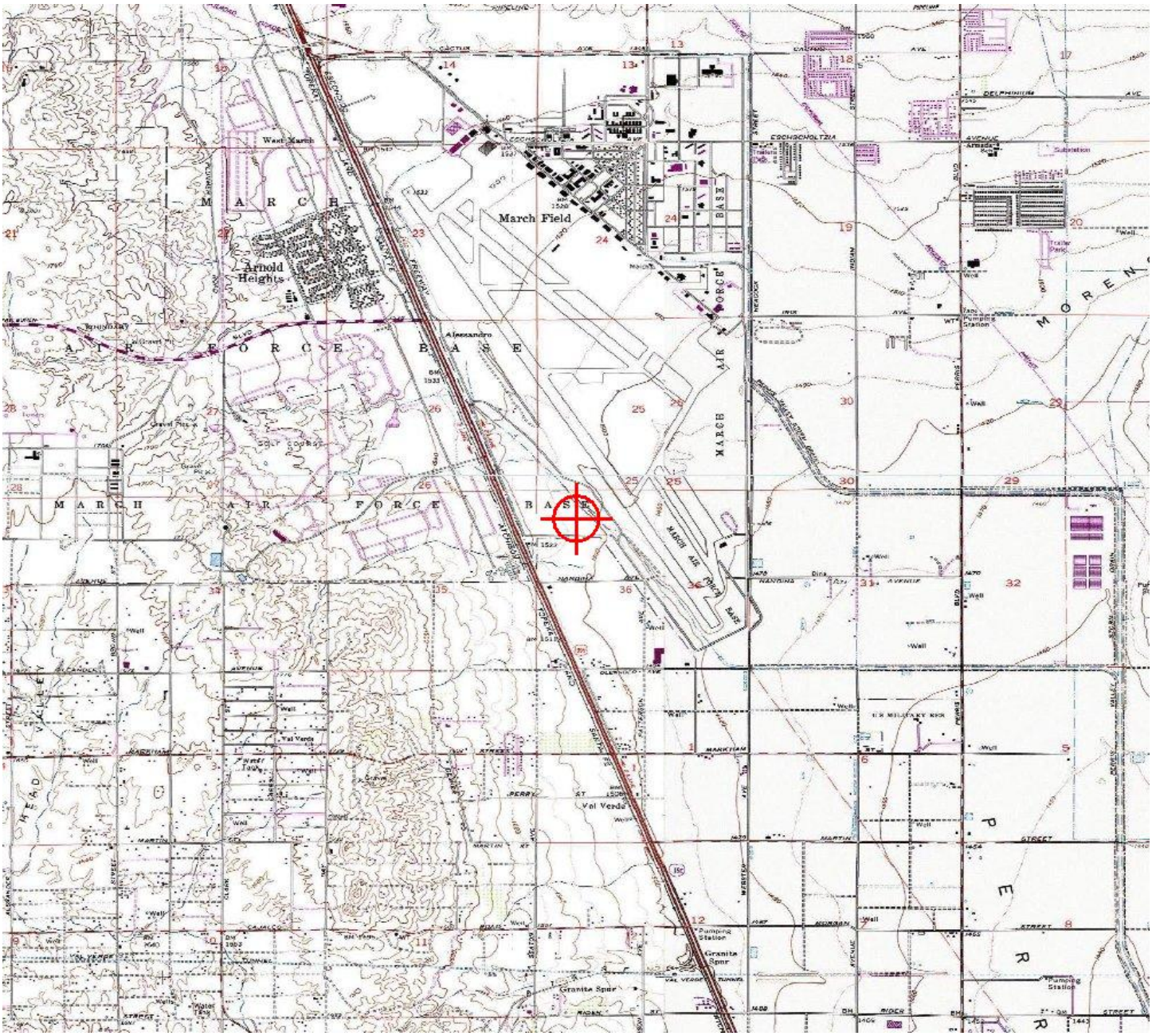
If we can be of further assistance, please contact our office at (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-AWP-646-OE.

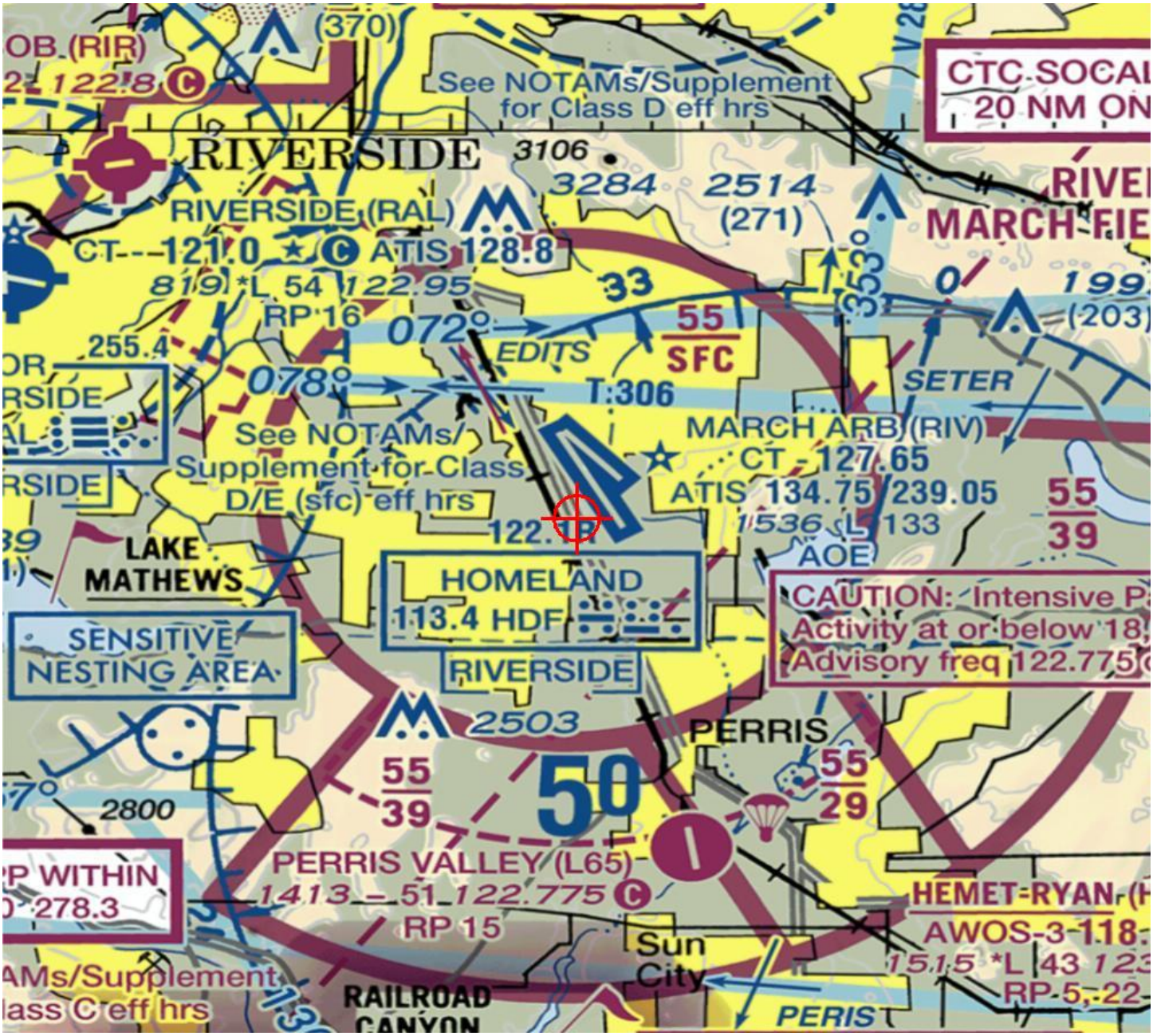
Signature Control No: 428280710-432020109 (DNE)
Paul Holmquist
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2020-AWP-646-OE



Sectional Map for ASN 2020-AWP-646-OE



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10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2020-AWP-647-OE
Prior Study No.
2016-AWP-12029-OE

Issued Date: 02/27/2020

Kathy Hoffer
Riverside Inland Development, LLC
901 Via Piemonte
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Ontario, CA 91764

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Vetrans Industrial Park I-215
Location:	Perris, CA
Latitude:	33-52-14.43N NAD 83
Longitude:	117-15-35.39W
Heights:	1507 feet site elevation (SE)
	54 feet above ground level (AGL)
	1561 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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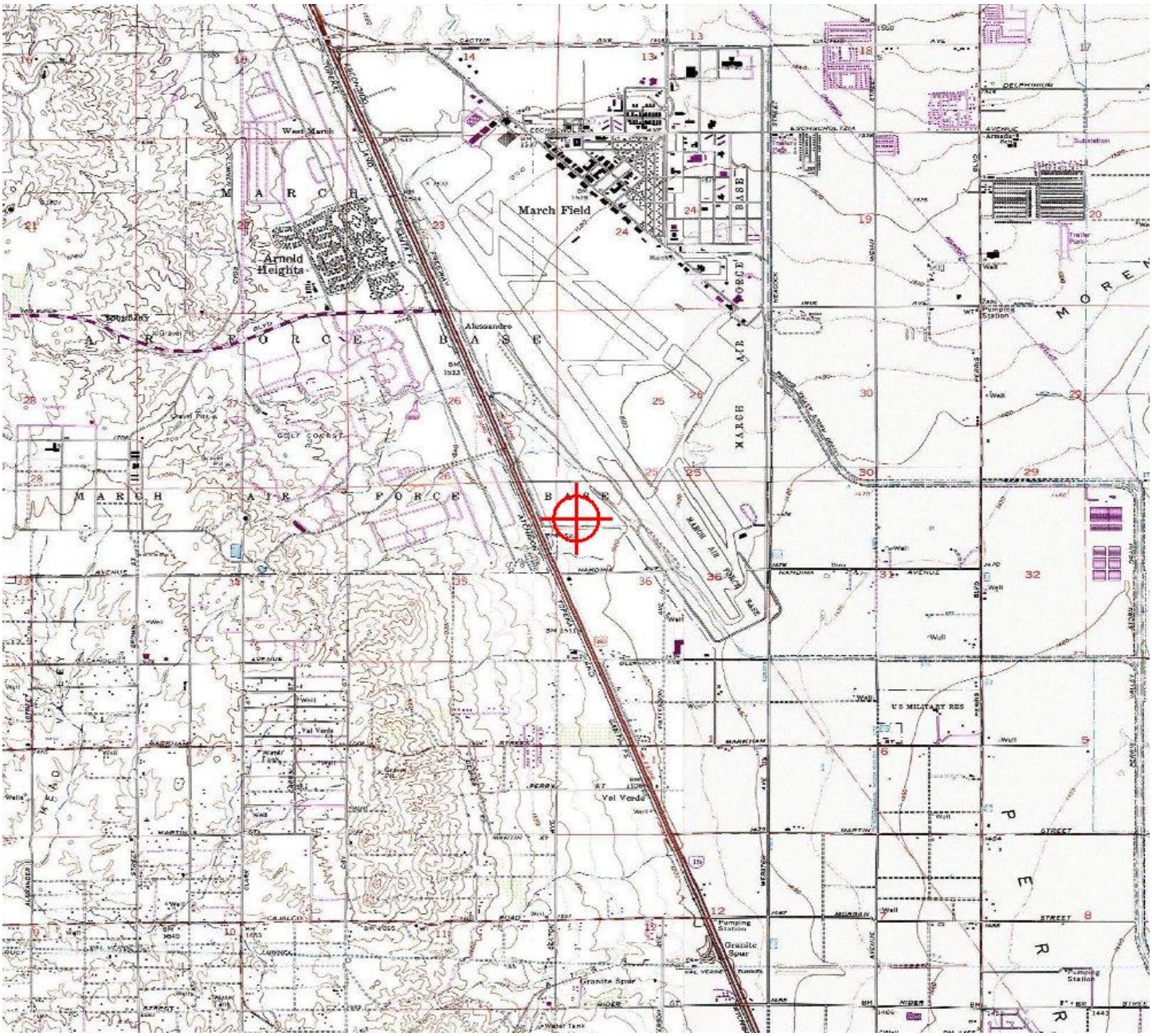
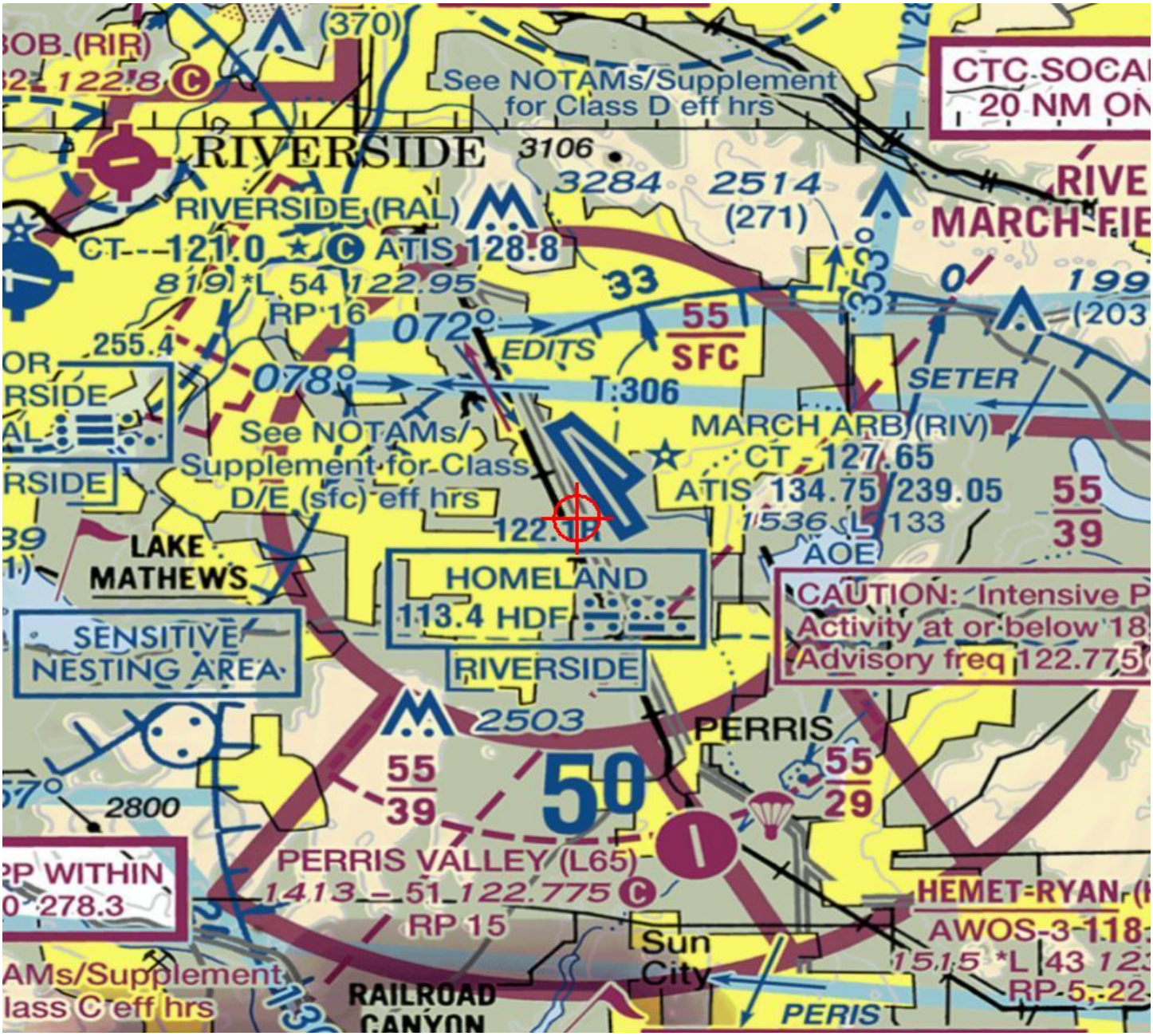
If we can be of further assistance, please contact our office at (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-AWP-647-OE.

Signature Control No: 428280712-432020107 (DNE)
Paul Holmquist
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2020-AWP-647-OE




(370)
See NOTAMs/Supplement
for Class D eff hrs
RIVERSIDE
3106
3284
2514
(271)
RIVERSIDE (RAL)
CT 121.0
ATIS 128.8
122.95
RP 16
072°
078°
EDITS
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Supplement for Class
D/E (sfc) eff hrs
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39
LAKE
MATHEWS
HOMELAND
113.4 HDF
SENSITIVE
NESTING AREA
RIVERSIDE
CAUTION: Intensive P
Activity at or below 18
Advisory freq 122.775
2503
PERRIS
55
39
50
55
29
2800
PERRIS VALLEY (L65)
1413 51 122.775
RP 15
HEMET-RYAN
AWOS-3
Sun
City
RAILROAD
CANYON
PERIS

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Issued Date: 02/27/2020

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The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Vetrans Industrial Park I-215
Location:	Perris, CA
Latitude:	33-52-46.70N NAD 83
Longitude:	117-15-51.42W
Heights:	1525 feet site elevation (SE)
	53 feet above ground level (AGL)
	1578 feet above mean sea level (AMSL)

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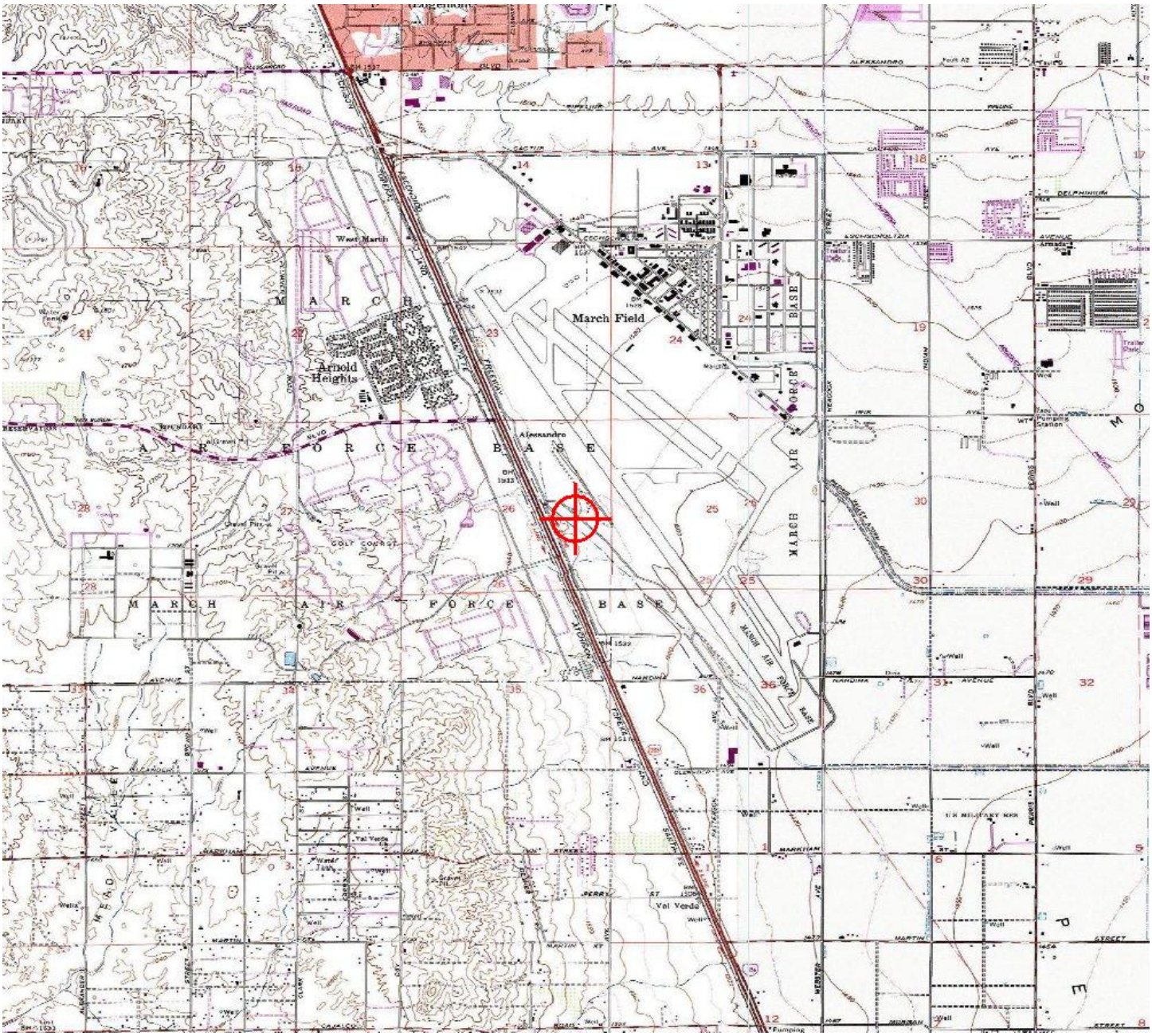
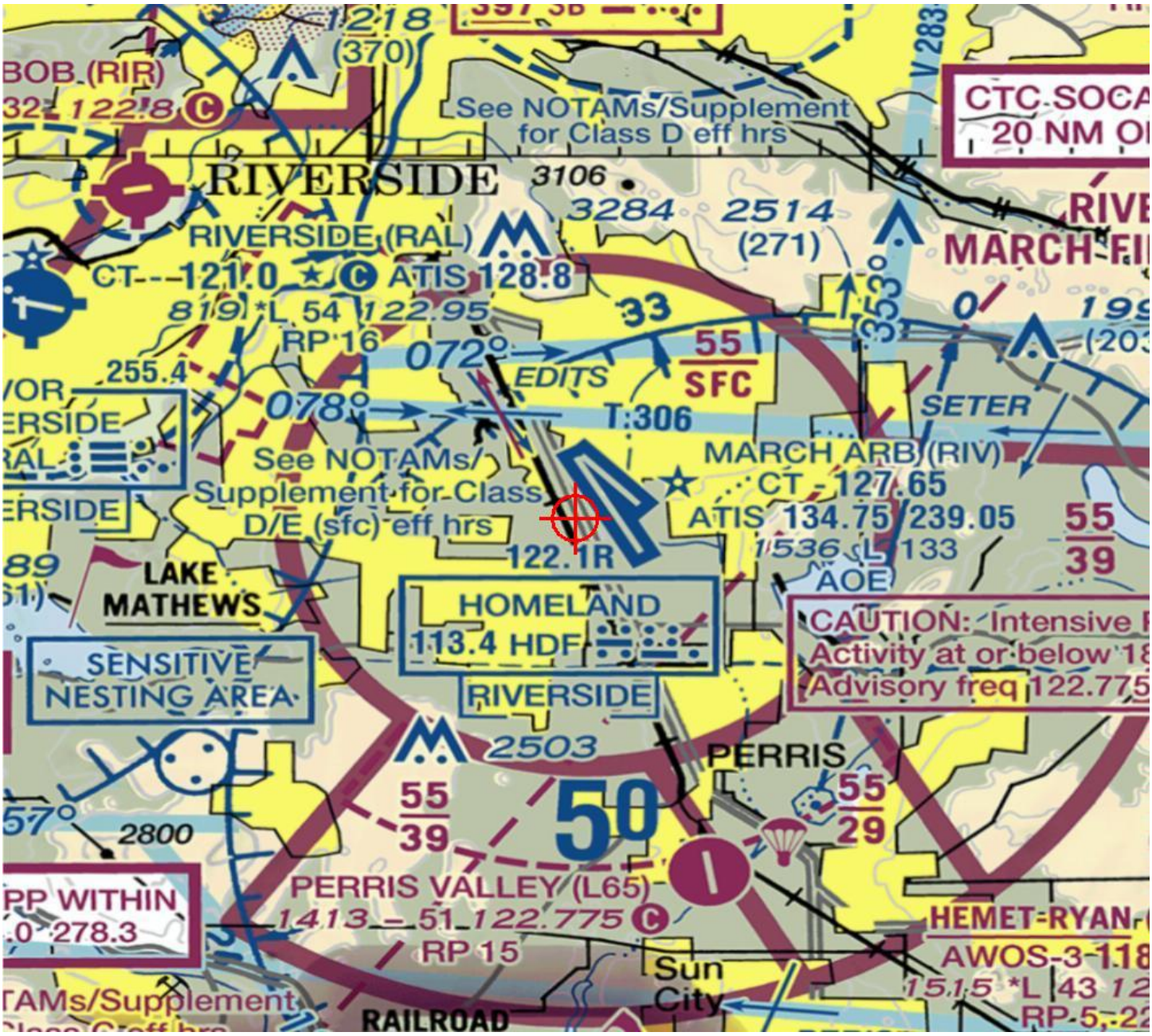
Signature Control No: 428280714-432020105 (DNE)
Paul Holmquist
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2020-AWP-648-OE




See NOTAMs/Supplement for Class D eff hrs
RIVERSIDE
RIVERSIDE (RAL)
CT 121.0
ATIS 128.8
L 54 122.95
RP 16
072°
078°
EDITS
55 SFC
T:306
See NOTAMs/ Supplement for Class D/E (sfc) eff hrs
122.1R
LAKE MATHEWS
HOMELAND 113.4 HDF
SENSITIVE NESTING AREA
RIVERSIDE
2503
PERRIS
55 39
50
55 29
2800
PERRIS VALLEY (L65)
1413 – 51 122.775
RP 15
Sun City
RAILROAD
MARCH ARB (RIV)
CT 127.65
ATIS 134.75 239.05
1536 L 133
AOE
55 39
CAUTION: Intensive
Activity at or below 18
Advisory freq 122.775
HEMET-RYAN
AWOS-3
MARCH
SETER
CTC SOCA
20 NM O
BOB (RIR)
122.8
(370)
3106
3284
2514
(271)
255.4
V 283
353°

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2020-AWP-649-OE
Prior Study No.
2016-AWP-12029-OE

Issued Date: 02/27/2020

Kathy Hoffer
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**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Vetrans Industrial Park I-215
Location:	Perris, CA
Latitude:	33-52-16.66N NAD 83
Longitude:	117-15-30.06W
Heights:	1507 feet site elevation (SE)
	53 feet above ground level (AGL)
	1560 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 2.

This determination expires on 08/27/2021 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

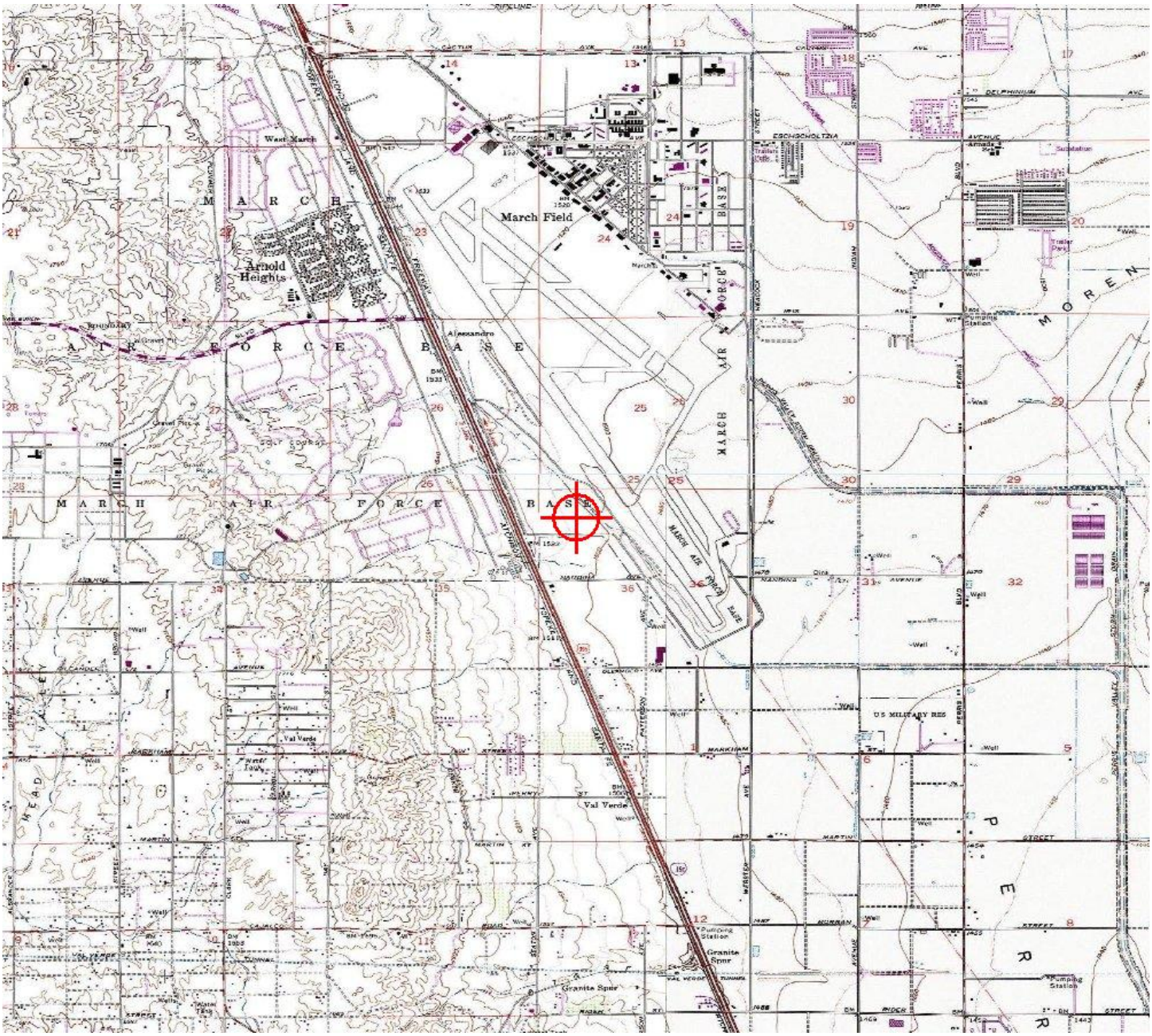
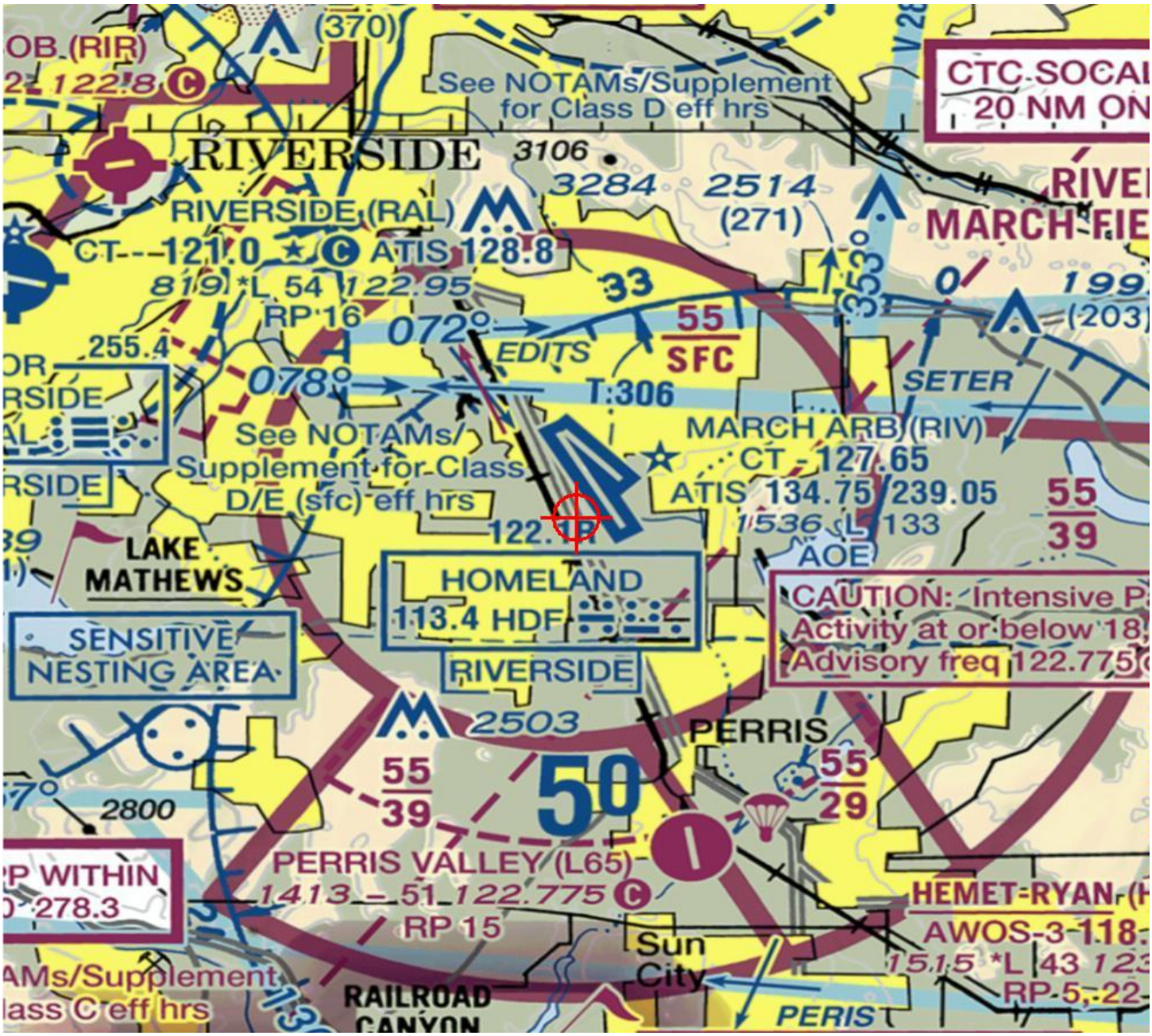
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-AWP-649-OE.

Signature Control No: 428280715-432020106 (DNE)
Paul Holmquist
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2020-AWP-649-OE



Sectional Map for ASN 2020-AWP-649-OE