

ATTACHMENT F

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Phase I Environmental Site Assessment
Lots 1–10
Halverson South Assemblage
Apple Valley, California

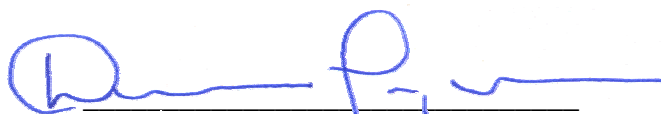
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1.0 SUMMARY

This report presents the results of a Phase I environmental site assessment (ESA) performed by Northgate Environmental Management, Inc. (Northgate) for the Watson Land Company at Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10 of the Halverson South Assemblage, located in Apple Valley, California (the Site). The Site consists of approximately 156 acres of vacant desert land located southwest of the intersection of Navajo Road and Lafayette Street in Apple Valley. A Site Location Map is shown on Figure 1, and a Site Plan is shown on Figure 2.

The purpose of this Phase I ESA has been to identify the presence of Recognized Environmental Conditions within the Site and near-vicinity that could indicate the potential for on-Site soil or groundwater contamination. Northgate has endeavored to perform the ESA in general conformance with the scope and limitations of ASTM E-1527-00, *Standard Practice for Environmental Site Assessments*. It is understood that Watson Land Company intends to purchase the Site and construct a commercial warehouse development.

Our Site history review identified the presence of one Recognized Environmental Condition at the Site. Available information indicates that the Site was formerly part of a U.S. Air Force practice bombing range during the 1940s. The Site is currently listed on the Formerly Used Defense Sites (FUDS) database, as the Victorville Precision Bombing Range No.1.

The Department of Defense has previously declared the bombing range to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. However, recent assessment by the military concluded that a “marginal” potential for explosive hazards exists at the Site. The assessment recommended that additional action be performed “as appropriate.”

In our opinion, development at the Site would likely increase the hazard classification at the property and trigger a requirement for additional action. We recommend that additional surface clearance be performed by qualified personnel to evaluate the Site for the possible presence of explosive ordnance prior to developing the property. It is our understanding that removal of any explosives or ordnance materials discovered during this additional clearance will be the responsibility of the Department of Defense. However, it may be more efficient from a timing perspective for the Watson Land Company to remove any discovered ordnance and then seek cost recovery from the Department of Defense.

As an additional item of potential environmental concern, it should be noted that the Apple Valley Development Code regulates protection of all native plant and animal species at developments in Apple Valley. As such, it is likely that specific evaluations for the presence of endangered species or critical habitat will be required to develop the Site.



Finally, what appears to be an abandoned water well is present on the southwestern portion of the Site. This well may need to be properly sealed in accordance with local well sealing requirements.



2.0 INTRODUCTION

This report presents the results of a Phase I ESA performed by Northgate at Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10 of the Halverson South Assemblage, located in Apple Valley, San Bernardino County, California. The Site consists of approximately 156 acres of vacant desert land.

2.1 Purpose

The purpose of this investigation has been to identify and evaluate the presence of Recognized Environmental Conditions at the Site. The term “Recognized Environmental Conditions” means the presence, or likely presence of hazardous substances or petroleum products on the Site under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous materials or petroleum products into structures on the subject Site, or into the ground, groundwater, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with existing laws. The term is not intended to include *de minimus* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2.2 Detailed Scope of Services

Northgate has endeavored to perform this ESA in general conformance with the scope and limitations of ASTM E-1527-00, *Standard Practice for Environmental Site Assessments*. The scope of work for this investigation included the following services:

- Review of readily available information regarding the history of the Site, including historic aerial photographs, maps, and other information, and discussions with individuals familiar with the Site;
- Review of readily available information regarding the history of the Site, including historic aerial photographs, maps, and other information, and discussions with individuals familiar with the Site;
- A visual reconnaissance of the Site and near vicinity conducted on May 8, 2006 and August 22, 2006;
- A review of readily available regulatory agency publications and files, and discussions with regulatory officials;
- A reconnaissance-level evaluation of other issues of potential environmental concern outlined in Section 12.1.4 of ASTM E1527-00, including radon, wetlands, cultural and historic resources, ecological resources, and endangered species; and
- Preparation of this report.



2.3 Limitations and Exceptions

The purpose of an environmental assessment is to reasonably evaluate the potential for, or actual impact of, past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. No investigation is thorough enough to absolutely rule out the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not be construed as a guarantee of the absence of such materials on the Site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Environmental conditions may exist at the Site that cannot be identified by visual observation. Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

Where the scope of services is limited to interview and/or review of readily available reports and literature, any conclusions and/or recommendations are necessarily based largely on information supplied by others, the accuracy or sufficiency of which may not be independently reviewed by Northgate.

Any opinions and/or recommendations presented apply to Site conditions existing at the time of performance of services. We are unable to report on, or accurately predict, generally unforeseeable events that may impact the Site following performance of services, whether occurring naturally or caused by external forces. Therefore, we cannot assume responsibility of such events or their impact. We also cannot assume responsibility for changes in environmental standards, practices, or regulations.

This investigation did not include a detailed field reconnaissance of that portion of the Site formerly identified as a practice bombing range target.



2.4 User Reliance

This report has been prepared for the exclusive use of Watson Land Company and its lenders. Others may not rely on the information contained in this report without the express written consent of Northgate.



3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Site consists of approximately 156 acres of vacant land. The Site is generally located southwest of the intersection of Navajo Road and Lafayette Street in Apple Valley, San Bernardino County, California. The Site consists of ten individual parcels identified as Assessor's Parcel Numbers 0463-231-07, -08, -10, -26, -27, -28, -30, -42, -43, and -52.

3.2 Site and Vicinity General Characteristics

The Site consists of vacant desert land. The Site is bordered on the west by vacant land, beyond which lies Dale Evans Parkway. The Site is bordered on the east by Navajo Road, beyond which lies vacant land. The Site is bordered on the north by the proposed extension of Lafayette Street, beyond which is a Wal-Mart distribution warehouse. The Site is bordered on the south by a dirt road (Los Padres Road) and vacant land. The Apple Valley Airport is located approximately 1,200 feet east and southeast of the Site. Scattered rural residences are present in the outlying areas.

3.3 Geology and Groundwater

Information contained in the Final Environmental Impact Report for the adjacent Wal-Mart distribution warehouse (Final EIR, SCH No. 2001101105, by Lilburn Corporation of San Bernardino, California) indicates that the area of the subject Site is located on the distal portion of a dissected alluvial fan emanating from the Fairview Mountains, located east of the Site. The fan is deposited on an older, partially buried pediment of the Holocene Age. The fan materials generally consist of unconsolidated deposits of sand and silty sand. Bedrock beneath the Site is of Upper Paleozoic age.

According to the U.S. Geological Survey topographic map of the Apple Valley North Quadrangle, the Site slopes gently to the southwest. Elevations at the Site range from about 3060 feet above mean sea level (msl) at the northeast corner of the Site to about 3010 feet above msl in the southwest corner of the Site. On a regional basis, topography generally slopes to the southwest or south.

Information contained in a Phase I ESA for the adjacent Wal-Mart indicates that groundwater is present at a depth greater than 200 feet below ground surface in the vicinity of the subject Site (Lilburn Corporation, 2001). Based on local topography, groundwater flow direction at the Site is estimated to be toward the southwest.



3.4 Current Use of the Property

The Site is currently vacant desert land, covered with a moderate growth of brush and shrubs.

3.5 Description of Structures, Roads, Sewage, and Potable Water Sources

The Site is bordered on the south by a dirt road representing the extension of Los Padres Road. The Site is bordered on the north by the proposed extension of Lafayette Street, although no road is currently present. A dirt road representing the extension of Hawthorne Road crosses the central portion of the Site. The Site is also crossed by a number of dirt trails indicating recreational use of the Site by off-road vehicles. A number of dry, shallow drainage swales cross the site in a general northeast—southwest trending direction.

The San Bernardino County Health Department files do not contain any information indicating a permitted well exists on the Site, but during our site reconnaissance event Northgate observed an abandoned well in the southwest corner of Parcel 26 (Lot 4). It is our understanding that new development in the area will be supplied with water and sewer service by the local municipal utility providers.

3.6 Current Uses of Adjoining Properties

General land use in the area consists primarily of vacant desert land, with scattered rural residences and commercial development. The Site is bordered on the north by the proposed extension of Lafayette Street, beyond which lies a Wal-Mart distribution warehouse. The Site is bordered on the east by Navajo Road, beyond which lies vacant desert land. The Site is bordered on the west by vacant land, beyond which lies Dale Evans Parkway. The Site is bordered on the south by a dirt road representing Los Padres Road. The Apple Valley Airport is located about 1,200 feet east and southeast of the Site.



4.0 USER PROVIDED INFORMATION

4.1 Title Records

Title documents for the Site dating back to 1969 were provided by the Watson Land Company for Northgate's review. The documents contain a number of grand deeds, easements, and related documents for individuals, trusts, or limited partnerships. Documents for Parcel 0463-231-26 contain a notice from the County Health Department condemning a substantial structure on the parcel dated December 20, 1974. Documents for parcel 0463-231-28 contain a Consolidated Action court proceeding by the Mojave Water Agency and the Southern California Water Company against a number of individuals for the purpose of adjudicating the nature and extent of rights to the Mojave groundwater basin and Mojave River system. The impact of the action on the subject Site is not clear. However, none of the documents we reviewed indicate that the Site was owned or occupied by an entity that would be considered an obvious potential source of soil or groundwater contamination.

4.2 Environmental Liens or Activity and Use Limitations

No environmental liens or use limitations were found of record in the title records reviewed during this investigation. However, the Consolidated Action recorded on Parcel 0463-231-28 could potentially limit the use of groundwater at the Site.

4.3 Valuation Reduction for Environmental Issues

Northgate has not been informed of any known valuation reduction for environmental issues.

4.4 Owner, Property Manager, and Occupant Information

The Site is currently unoccupied, and owned by a series of individuals.

4.5 Reason for Performing the Phase I ESA

It is understood that Watson Land Company intends to purchase the Site and construct a commercial warehouse distribution facility.



5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

5.1.1 Subject Site

The subject Site is listed on the Formerly Used Defense Sites (FUDS) regulatory database. This database consists of a list of properties formerly used by the U.S. military where the U.S. Army Corps of Engineers (USACOE) is actively working or will undertake necessary cleanup actions, if required. Additional information on the listing is presented in Section 5.2.2 of this report.

5.1.2 Off-Site Sources

To assess whether sites with documented environmental concerns exist within the search radii of the subject Site prescribed by the ASTM Standard, Northgate reviewed a summary of regulatory agency databases prepared by EDR. In addition, we reviewed local regulatory agency files for additional specific information regarding sites identified in the EDR report judged to be of possible concern to the subject Site. The EDR report, including a summary of the agency databases reviewed and a map showing the location of the identified sites, is provided as Appendix A. The results of the database search and follow-up agency file review are summarized below.

- National Priority List (NPL): No sites are listed within a 1-mile radius of the subject Site.
- Proposed National Priority List Sites (Proposed NPL): No sites are listed within a 1-mile radius of the subject Site.
- National Priority List Deletions (Delisted NPL): No sites are listed within a 1-mile radius of the subject Site.
- Federal Superfund Liens (NPL Recovery): The subject Site is not listed.
- Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS): No sites are listed within a 0.5-mile radius of the subject Site.
- CERCLIS No Further Remedial Action Planned (CERC-NFRAP): The subject Site and adjoining sites are not listed.
- Corrective Action Report (CORRACTS): No sites are listed within a 1-mile radius of the subject Site.
- RCRA-permitted Treatment, Storage and Disposal Facilities (RCRA-TSD): No sites are listed within a 0.5-mile radius of the subject Site.



- RCRA Large Quantity Generators of Hazardous Waste (RCRA-LQG): The subject Site and adjoining sites are not listed.
- RCRA Small Quantity Generators of Hazardous Waste (RCRA-SQG): The subject Site and adjoining sites are not listed.
- Emergency Response Notification System (ERNS): The subject Site is not listed.
- Hazardous Materials Information Reporting System (HMIRS): The subject Site is not listed.
- Engineering Controls Site List (US ENG CONTROLS): No sites are listed within a 0.5-mile radius of the subject Site.
- Sites with Institutional Controls (US INST CONTROL): No sites are listed within a 0.5-mile radius of the subject Site.
- Department of Defense (DOD): No sites are listed within a 1-mile radius of the subject Site.
- Formerly Used Defense Sites (FUDS): The subject Site listed on the FUDS database. One additional site (Victorville Practice Bombing Range No. 10) is listed within 1-mile of the subject Site. Based on our review, the additional site does not appear to represent a potential threat to soil or groundwater quality at the subject Site due to its distance from the subject Site.
- US BROWNFIELDS: No sites are listed within a 0.5-mile radius of the subject Site.
- Superfund (CERCLA) Consent Decrees (CONSENT): No sites are listed within a 1-mile radius of the subject Site.
- Records of Decision (ROD): No sites are listed within a 1-mile radius of the subject Site.
- Uranium Mill Tailings Sites (UMTRA): No sites are listed within a 0.5-mile radius of the subject Site.
- Open Dump Inventory (ODI): No sites are listed within a 0.5-mile radius of the subject Site.
- Toxic Chemical Release Inventory System (TRIS): The subject Site is not listed.
- Toxic Substances Control Act (TSCA): The subject Site is not listed.
- FIFRA/TSCA Tracking System (FTTS): The subject Site is not listed.
- Section 7 Tracking Systems (SSTS): The subject Site is not listed.
- PCB Activity Database System (PADS): The subject Site is not listed.
- Material Licensing Tracking System (MLTS): The subject Site is not listed.



- Mines Master Index File (MINES): No sites are listed within 0.25-mile radius of the subject Site.
- Facility Index System/Facility Registry System (FINDS): The subject Site is not listed.
- RCRA Administrative Action Tracking System (RAATS): The subject Site is not listed.
- State Equivalent Priority List (Annual Workplan Sites [AWP]): No sites are listed within a 1-mile radius of the subject Site.
- State Equivalent CERCLIS List (Cal-Sites): No sites are listed within a 0.5-mile radius of the subject Site.
- Bond Expenditure Plan (CA Bond Exp. Plan): No sites are listed within a 1-mile radius of the subject Site.
- No Further Action Determination (NFA): No sites are listed within a 0.25-mile radius of the subject Site.
- Properties Needing Further Evaluation (NFE): No sites are listed within a 0.25-mile radius of the subject Site.
- Unconfirmed Properties Referred to Another Agency (REF): No sites are listed within a 0.25-mile radius of the subject Site.
- School Property Evaluation Program (SCH): No sites are listed within a 0.25-mile radius of the subject Site.
- Toxic Pits Cleanup Act Sites (Toxic Pits): No sites are listed within a 1-mile radius of the subject Site.
- Solid Waste Information System (SWF/LF): No sites are listed within a 0.5-mile radius of the subject Site.
- Waste Discharge System (CA WDS): The subject Site is not listed.
- Waste Management Unit Database (WMUDS/SWAT): No sites are listed within a 0.5-mile radius of the subject Site.
- “Cortese” Hazardous Waste and Substances Sites List (Cortese): No sites are listed within a 0.5-mile radius of the subject Site.
- Recycler Database (SWRCY): No sites are listed within a 0.5-mile radius of the subject Site.
- Geotracker’s Leaking Underground Fuel Tank Report (LUST): No sites are listed within a 0.5-mile radius of the subject Site.



- State Facility Inventory Database (CA FID UST): No sites are listed within a 0.25-mile radius of the subject Site.
- Statewide SLIC Cases (CA SLIC): No sites are listed within a 0.5-mile radius of the subject Site.
- Active UST Facility (UST): No sites are listed within a 0.25-mile radius of the subject Site.
- Hazardous Registered Storage Container Database (HIST UST): No sites are listed within a 0.25-mile radius.
- Aboveground Petroleum Storage Tank Facilities (AST): No sites are listed within a 0.25-mile radius of the subject Site.
- Sweeps UST: No sites are listed within a 0.25-mile radius of the subject Site.
- California Hazardous Material Incident Report System (CHMIRS): The subject site is not listed.
- Proposition 65 Records (Notify 65): No sites are listed within a 1-mile radius of the subject Site.
- Deed Restriction Listing (DEED): No sites are listed within a 0.5-mile radius of the subject Site.
- Voluntary Cleanup Program Properties (VCP): No sites are listed within a 0.5-mile radius of the subject Site.
- Cleaner Facilities (CLEANERS): No sites are listed within a 0.25-mile radius of the subject Site.
- Well Investigatory Program Case List (WIP): No sites are listed within a 0.25-mile radius of the subject Site.
- Clandestine Drug Labs (CDL): The subject Site is not listed.
- Hazardous Material Permits (San Bernardino Co. Permit): No sites are listed within a 0.25-mile radius of the subject Site.
- Facility and Manifest Data (HAZNET): The subject Site is not listed.
- Emissions Inventory Data (EMI): The subject Site is not listed.



- Indian Reservations (INDIAN RESERV): No sites are listed within a 1-mile radius of the subject Site.
- Leaking Underground Storage Tanks on Indian Land (INDIAN LUST): No sites are listed within a 0.5-mile radius of the subject Site.
- Underground Storage Tanks on Indian Land (INDIAN UST): No sites are listed within a 0.25-mile radius of the subject Site.
- EDR Proprietary Manufactured Gas Plants: No sites are listed within a 1-mile radius of the subject Site.
- EDR Proprietary Historical Auto Stations: No sites are listed within a 0.25-mile radius of the subject Site.
- EDR Proprietary Historical Cleaners: No sites are listed within a 0.25-mile radius of the subject Site.

5.2 Additional Environmental Record Sources

Northgate contacted local regulatory agencies for information regarding the use or storage of hazardous materials at the subject Site. Northgate reviewed the agency files at any agency maintaining a file for the subject Site. The following agencies were contacted for information regarding the use or storage of hazardous materials at the Site:

- Apple Valley Fire Protection District;
- U.S. Army Corp of Engineers—FUDS division;
- California Department of Toxic Substance Control;
- San Bernardino County Land Use—Planning Department;
- San Bernardino County—Building and Safety Department;
- San Bernardino County Public Health Department, Environmental Health Division—U Materials;
- San Bernardino County Public Health Department, Environmental Health Division—Land Use;
- San Bernardino County Fire Department Hazardous Materials Division;
- Town of Apple Valley Planning Department; and



- Town of Apple Valley Building and Safety Department.

5.2.1 Apple Valley Fire Protection District

According to Ms. Rita Gray, the Apple Valley Fire Protection District does not maintain files for the subject Site.

5.2.2 U.S. Army Corp of Engineers—FUDS division

Files maintained by the USACOE, FUDS Division, indicate that the former Victorville Precision Bombing Range No. 1 (PBR No.1) formerly occupied the subject Site. Information in the agency file indicates that the former PBR No. 1 originally included 560 acres of land, consisting of 400 acres acquired by lease from private landowners in May 1942, and an additional 160 acres transferred from the U. S. Department of the Interior to the War Department through Public Land Order 124 on 20 May 1943. Copies of reports and other information provided by the USACOE are provided in Appendix B.

Victorville PBR No. 1 was used by the Army Air Force based at the Victorville Airfield as a practice bombing area. The War Department improvements on the site consisted of frame butts and appurtenances, fences and gates, and a bombing target. There were no buildings on the site. The bombing target was located in the approximate center of the site and was composed of asphalt strips approximately 5 feet wide configured as three concentric circles, with approximate radii of 100, 200, and 300 feet. In addition, there were two strips of asphalt, which transected the concentric circles at right angles to each other. The eastern half of the former target area was located on the northwest corner of the subject Site, as shown on Figure 2. It should be noted that a 1996 USACOE evaluation of PBR No. 1 indicates the presence of a refuse disposal area on the eastern portion of the subject Site, just south of Hawthorne Road, adjacent to Navajo Road. However, no evidence of a disposal site was observed at this location during our Site reconnaissance.

Information in the USACOE files indicates that only type of munitions used on the PBR No. 1 site was the M38A2, 100-lb Practice Bomb, which was constructed of welded sheet metal, filled with sand and had provisions for an M1A1, 4.25-lb spotting charge filled with approximately 3-lbs of black powder located in the tail assembly. In our opinion, the light sheet metal construction of the M38A2 Practice Bomb, location of the M1A1 spotting charge in the tail and soil conditions at the PBR No. 1 site make it unlikely that these items or any of their hazardous components penetrated the ground enough to be located sub-surface.



The leases on the 400 acres acquired from private landowners were terminated on December 1, 1942, and on November 1, 1948, 160 acres of Victorville PBR No. 1 were informally returned to the U.S. Department of the Interior by a Letter of Transfer. The Letter of Transfer declared the bombing target to have been dedudded and certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Transfer of land from the DOD to the U.S. Department of the Interior became official on March 29, 1954, by Public Land Order 948. The site was then divided into 46 parcels owned by private landowners (Defense Environmental Restoration Program, Formerly Used Defense Sites, 1994). A more recent assessment performed by the military (Appendix B Parts 1 and 2) concluded that 1) a potential for hazards exists at the Site, 2) the potential hazard is classified as “marginal”, and 3) additional action is recommended, as appropriate.

In our opinion, development at the Site would likely increase the hazard classification at the property. We recommend that additional surface clearance be performed by qualified personnel prior to developing the property.

5.2.3 California Department of Toxic Substance Control

According to Alice Gimeno, Senior Hazardous Substance Scientist at the California Department of Toxic Substance Control, Office of Military Directories in Glendale, the DTSC maintains files for military sites including Victorville PBR No. 1, on Envirostor, an online database. The file for Victorville PBR No. 1 contains a site location map and a brief description of the site. However, it mistakenly presents information for a different bombing site (PBR No. 10). No additional information is available at the DTSC.

5.2.4 San Bernardino County Land Use - Planning Department

According to Maricelle Aguirre, the subject Site is under Town of Apple Valley jurisdiction and San Bernardino County does not maintain files for the subject Site.

5.2.5 San Bernardino County—Building and Safety Department

According to April Durand, the subject Site is under Town of Apple Valley jurisdiction, and the San Bernardino County Building and Safety Department does not maintain files for the subject Site.



5.2.6 San Bernardino County Public Health Department, Environmental Health Division—Hazardous Materials

The San Bernardino County Environmental Health Department does not maintain files related to Hazardous Materials for sites within the Town of Apple Valley.

5.2.7 San Bernardino County Public Health Department, Environmental Health Division—Land Use

The San Bernardino County Environmental Health Department Environmental Health Division, Land-Use maintains well permit information for the Town of Apple Valley dating back to 1975. According to Mr. Marvin Cerdenio, Environmental Technician, San Bernardino County Environmental Health Department, no files are available for the subject Site.

5.2.8 San Bernardino County Fire Department Hazardous Materials Division

According to Ms. Elizabeth King, the San Bernardino county Fire Department does not maintain any files for the subject Site.

5.2.9 Town of Apple Valley Planning Department

According to Ms. Pam Cupp, Associate Planner, the Town of Apple Valley Planning Department does not maintain any files for the subject Site.

5.2.10 Town of Apple Valley Building and Safety Department

According to Ms. Gay Reece, Permit Technician, the Town of Apple Valley Building and Safety Department does not maintain any files for the subject Site.

5.2.11 Other Record Sources

Northgate performed a reconnaissance-level evaluation of other environmental issues, as outlined in Section 12.1.4 of ASTM E1527-00, including radon, wetlands, cultural and historic resources, ecological resources, and endangered species. The evaluation consisted of reviewing a database search of National Environmental Policy Act (NEPA)-related databases performed by EDR. The EDR database search is included in Appendix C. The results of our review are summarized below.



5.2.11.1 Natural Areas Maps

Natural areas maps reviewed during this investigation include the following:

- **Officially Designated Wilderness Area**: No designated wilderness areas are mapped on the subject Site. According to the EDR report, Public Domain BLM Land located west of Dale Evans Parkway is listed on the U.S. Federal Lands Database.
- **Officially Designated Wildlife Preserve**: No designated wildlife preserves are mapped on the subject Site. According to the EDR report, Public Domain BLM Land located west of Dale Evans Parkway is listed on the U.S. Federal Lands Database.
- **Threatened or Endangered Species or Critical Habitat**: The EDR report does not identify the presence of any specific threatened or endangered species at the subject Site. However, several threatened or endangered species have been identified in the general San Bernardino County area. It should also be noted that the Apple Valley Development Code regulates protection of all native plant and animal species. As such, it is likely that specific evaluations for the presence of endangered species or critical habitat will be required to develop the Site.

5.2.11.2 Historic Site Maps

Historic site maps reviewed during this investigation include the following:

- **National Register of Historic Places**: No sites are listed in the EDR report within a 1-mile radius of the subject Site.
- **California Historic Landmarks**: No sites are listed in the EDR report within a 1-mile radius of the subject Site.

5.2.11.3 Floodplain Maps

Floodplain maps reviewed during this investigation include the following:

- **FEMA Floodplain Designation**: According to the EDR report, the Site is located within a designated 500-year flood zone.

5.2.11.4 Wetlands Maps

Wetland maps reviewed during this investigation include the following:

- **National Wetlands Inventory**: The subject Site does is not identified as a wetlands area on the National Wetlands Inventory summary presented in the EDR report.



5.2.11.5 FCC and FAA Site Maps

The following FCC and FAA site maps were reviewed:

- FCC Cellular Towers: No sites are listed within a 1-mile radius of the subject Site.
- FCC Tower: No sites are listed within a 1-mile radius of the subject Site.
- FCC Antenna: No sites are listed within a 1-mile radius of the subject Site.
- Airports: One site, Apple Valley Airport, is located within a 1-mile radius of the subject Site.
- Power Lines: No high-tension power lines are located on or immediately adjacent to the subject Site.

5.2.11.6 Radon

Information provided by EDR (Appendix A) indicates that radon concentrations from 11 indoor air samples collected in San Bernardino County by the U.S. EPA average approximately 0.678 pico-curries per liter (pCi/L). San Bernardino County is designated as Federal Radon Zone 2 (indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L). These results indicate that radon gas does not appear to constitute a significant environmental concern at the subject Site.

5.3 Land Use History

Information on historical land use at the Site and adjacent area was evaluated by reviewing historic aerial photographs, maps, and other documents. A summary of the investigation findings is presented below.

5.3.1 Aerial Photographs

Northgate reviewed historic aerial photographs of the Site from 1953, 1973, 1980, 1989, 1994, and 2002 obtained from EDR. A summary of our aerial photograph review is presented below. Copies of the aerial photographs are provided in Appendix D.

The photograph from 1953 shows the Site as vacant desert land. Dry creek-beds cross the Site diagonally from northeast to southwest. A series of concentric circles are present on the northwest corner of the subject Site. This feature, associated with the Victorville Precision Bombing Range No. 1, is visible in nearly all of the aerial photographs reviewed by Northgate. The southern margin of the property is marked by a dirt road (Los Padres Road), beyond which lies vacant land. Vacant land surrounds the Site to the north, east and west. In the 1973 photograph, a dirt road borders the Site to the east, beyond which lie additional dirt roads and the



Apple Valley Airport. What may be a small structure is present on the southwestern corner of the Site.

There are no major changes to the subject Site or Site vicinity in the 1980 photograph. In the 1989 photograph, the concentric circles on the northwest corner of the Site are not clearly defined. Graded pads appear on the land to the east and southeast of the subject Site. However, no additional changes are apparent on the Site or Site vicinity. In the 1994 and 2002 photographs, the concentric circles feature in the in the northwest corner is once again clearly visible. There are no apparent changes to the subject Site or Site vicinity.

5.3.2 Sanborn Maps

According to EDR, our Sanborn Map supplier, no Sanborn Map coverage is available for the Site.

5.3.3 Topographic Maps

Northgate reviewed historic topographic maps for the Site obtained from EDR for the years 1957, 1970, and 1993. Copies of the topographic maps are provided in Appendix E.

All of the maps show the Site as vacant land. A small structure is shown on the southwest corner of the Site in the map from 1957. A dirt road borders the Site to the east beyond which lies vacant land. Vacant land surrounds the Site to the north, west, and south. In the 1970 map, an intermittent stream traverses diagonally across the Site, from northeast to southwest. The stream splits into three streams at the northeast corner of the Site. Apple Valley County Airport is present approximately 1,200 feet east and southeast of the subject Site. A dirt road borders the Site on the south. The small structure on the southwest corner of the Site is no longer present on the map from 1993. However, there are no major changes to the Site or Site vicinity.

5.3.4 City Directories

A search of available city directories performed by EDR at approximate five-year intervals from 1975 through 2005, did not indicate any listings for the subject Site or adjacent Sites. The city directory summary is provided as Appendix F.

5.3.5 Historical Use Information on the Adjoining Properties

The historic aerial photographs and topographic maps indicate that the Site has historically been surrounded by vacant land and dirt roads. A former military precision bombing range located on the northwest corner of the subject Site, extends west beyond the Site borders, and has been



present at this location since the early 1940s. Apple Valley County Airport was built east and south of the subject Site between 1957 and 1970.

5.4 Interviews

Northgate did not interview any current or past property owners during the course of this investigation.



6.0 SITE RECONNAISSANCE

Current Site conditions were observed during reconnaissances of the subject Site and nearby vicinity performed by Northgate on May 8, 2006 and August 22, 2006. Photographs from the Site reconnaissance events are included at the end of this report.

6.1 Methodology and Limiting Conditions

The Site reconnaissance was performed by traversing accessible areas of the Site by foot and pickup truck. The former target area of the former Precision Bombing Range No. 1 was not traversed due to potential hazards related to the possible presence of ordnance.

6.2 General Site Conditions

The Site generally consists of vacant desert land covered with a moderate growth of shrubs and brush. The Site is crossed by a number of trails indicating that the Site and general area are used as recreational land for off-road vehicles. Scattered trash is present throughout the Site. The only feature of note observed during our reconnaissance is the partially buried remains of a vehicle located in a shallow excavation on the northeast portion of the Site. However; we did not observe hazardous materials associated with the vehicle remains. What appears to be the steel casing of an abandoned water well is present in the southwest portion of the Site (Parcel 0463-231-26, Lot 4). The well casing is blocked with debris about 7 feet below the surface.

6.3 Surrounding Vicinity

The Site is generally bordered on the west, south, and east by roads or vacant desert land. A Wal-Mart distribution warehouse borders the Site on the north. The Site is bordered on the east by a paved section of Navajo Road, and on the south by a dirt road representing the extension of Los Padres Road. The Apple Valley Airport is located about 1,200 feet east and southeast of the Site.



7.0 PHASE I ESA CONCLUSIONS AND RECOMMENDATIONS

This Phase I ESA was conducted to identify and evaluate Recognized Environmental Conditions within the Site and near-vicinity that may affect on-Site soil and groundwater quality. The Site consists of 160 acres of vacant desert land located southwest of the intersection of Lafayette Street and Navajo Road in Apple Valley, California. Our review of available Site history information indicates the Site was formerly used as a precision bombing range by the U.S. Air Force in the 1940s. The Site is currently listed as the Victorville Precision Bombing Range No. 1 on the Formerly Used Defense Sites (FUDS) database. The Site is not listed on any other regulatory database lists pertaining to leaking underground or aboveground storage tanks, hazardous materials, hazardous waste sites, or abandoned sites reviewed during this investigation, nor do there appear to be any listed sites within the specified search radii of the ASTM Standard that appear to represent a significant potential to impact soil or groundwater quality at the Site.

In Northgate's professional opinion, an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability, and no evidence or indication of Recognized Environmental Conditions has been revealed with the exception of the following:

The Site is listed as the Victorville Precision Bombing Range No. 1 on the FUDS database. Available information indicates that a target area for the bombing range was formerly located on the northwestern corner of the Site. The Department of Defense has previously declared the bombing range to have been dedudded and certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. More recent assessment by the military concluded that 1) a potential for hazards exists at the Site, 2) the potential hazard is classified as "marginal," and 3) additional action is recommended, as appropriate.

In our opinion, development at the Site would likely increase the hazard classification at the property and trigger a requirement for additional action. We recommend that additional surface clearance be performed by qualified personnel to evaluate the Site for the possible presence of explosive ordnance prior to developing the property. It is our understanding that removal of any explosives or ordnance materials discovered during this additional clearance will be the responsibility of the Department of Defense. However, it may be more efficient from a timing perspective for the Watson Land Company to remove any discovered ordnance and then seek cost recovery from the Department of Defense.

As an additional item of potential environmental concern, it should be noted that the Apple Valley Development Code regulates protection of all native plant and animal species at



developments in Apple Valley. As such, it is likely that specific evaluations for the presence of endangered species or critical habitat will be required to develop the Site.

Finally, what appears to be an abandoned water well is present in the southwestern portion of the Site. This well may need to be properly sealed in accordance with local well sealing requirements.



8.0 REFERENCES

Contacts:

Apple Valley Fire Protection District
Contact: Rita Gray

California Department of Toxic Substance Control—Glendale Office of Military Directories
Contact: Alice Gimeno, Senior Hazardous Substances Scientist

San Bernardino County Land Use—Planning Department
Contact: Maricelle Aguirre

San Bernardino County—Building and Safety Department
Contact: April Durand

San Bernardino County Environmental Health Department
Contact: Marvin Cerdenio

San Bernardino County Fire Department Hazardous Materials Division
Contact: Elizabeth King

Town of Apple Valley Planning Department
Contact: Pam Cupp, Associate Planner

Town of Apple Valley Building and Safety Department
Contact: Gay Reece, Permit Technician

U.S. Army Corps of Engineers—Los Angeles District, FUDS division
Contact: Larry Sievers, Project Manager

Publications and Reports:

Defense Environmental Restoration Program, Formerly Used Defense Sites, 1994. Findings and Determination of Eligibility—Victorville Precision Bombing Range No. 1, San Bernardino County, California, Project No. JO9CA067500, April 28, 1994.

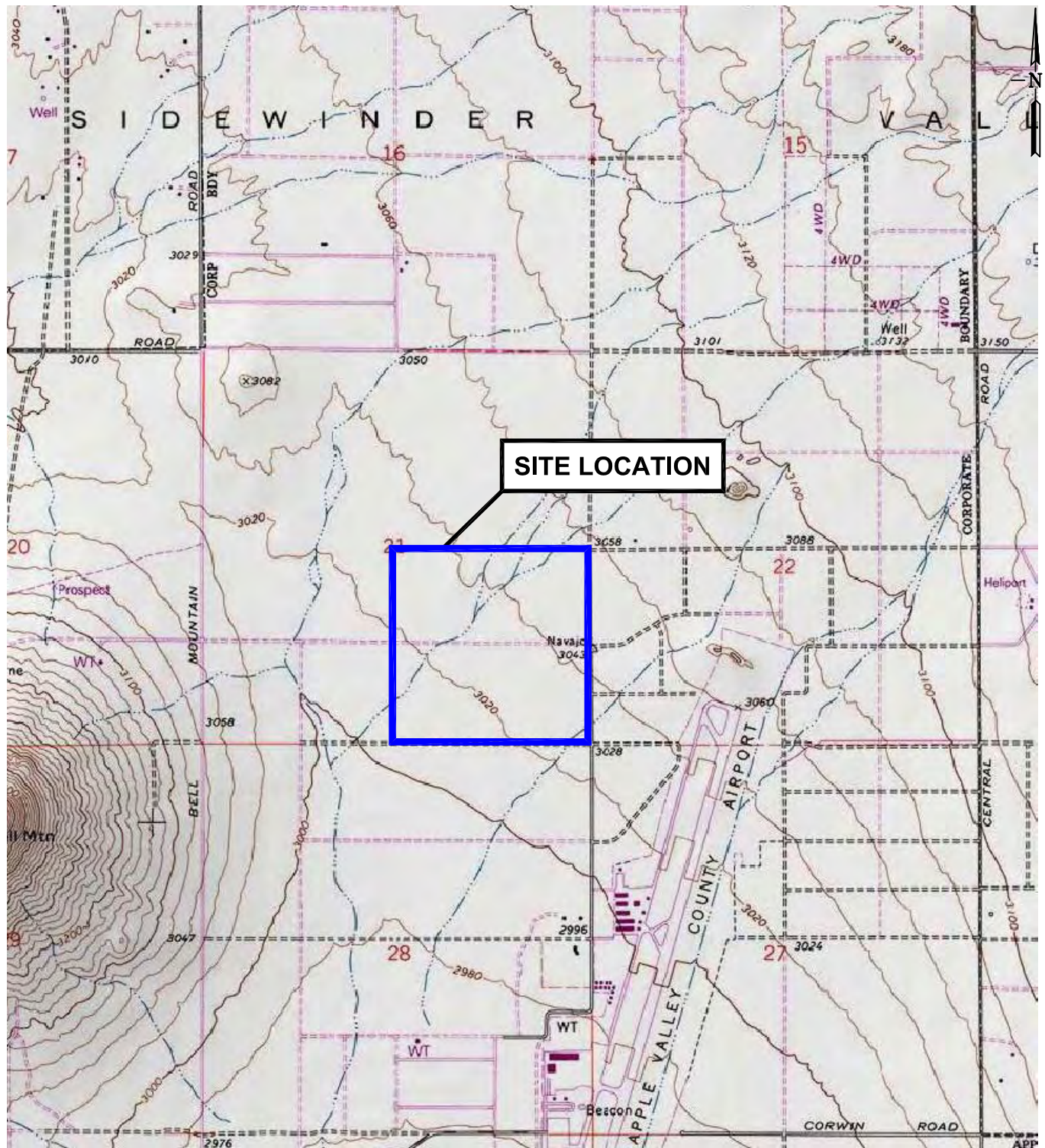
Lilburn Corporation, 2001. Phase I Environmental Site Assessment for Pluto Development—APN 463-231-01, -02, -03, -04, and -05, Apple Valley, California, March 2001.

Lilburn Corporation, 2001. Final EIR, SCH No. 2001101105.



FIGURES





SITE LOCATION

Scale 1:24,000

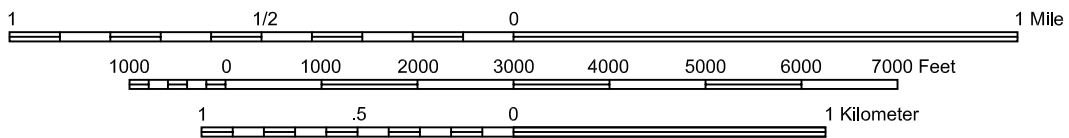


FIGURE 1
Site Location Map

Phase I Environmental Site Assessment
Lots 1-10
Halverson South Assemblage
Apple Valley, California



Source: National Geographic USGS TOPO! 2000

Project No. 1144.05

G:\Projects\Temp\1144\1144.05 - Figures\Figures 1 - Site Location.dwg Layout: 8.5x11-P User: oleg Oct 11, 2006 - 4:42pm

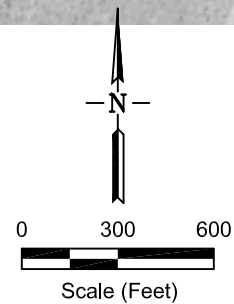
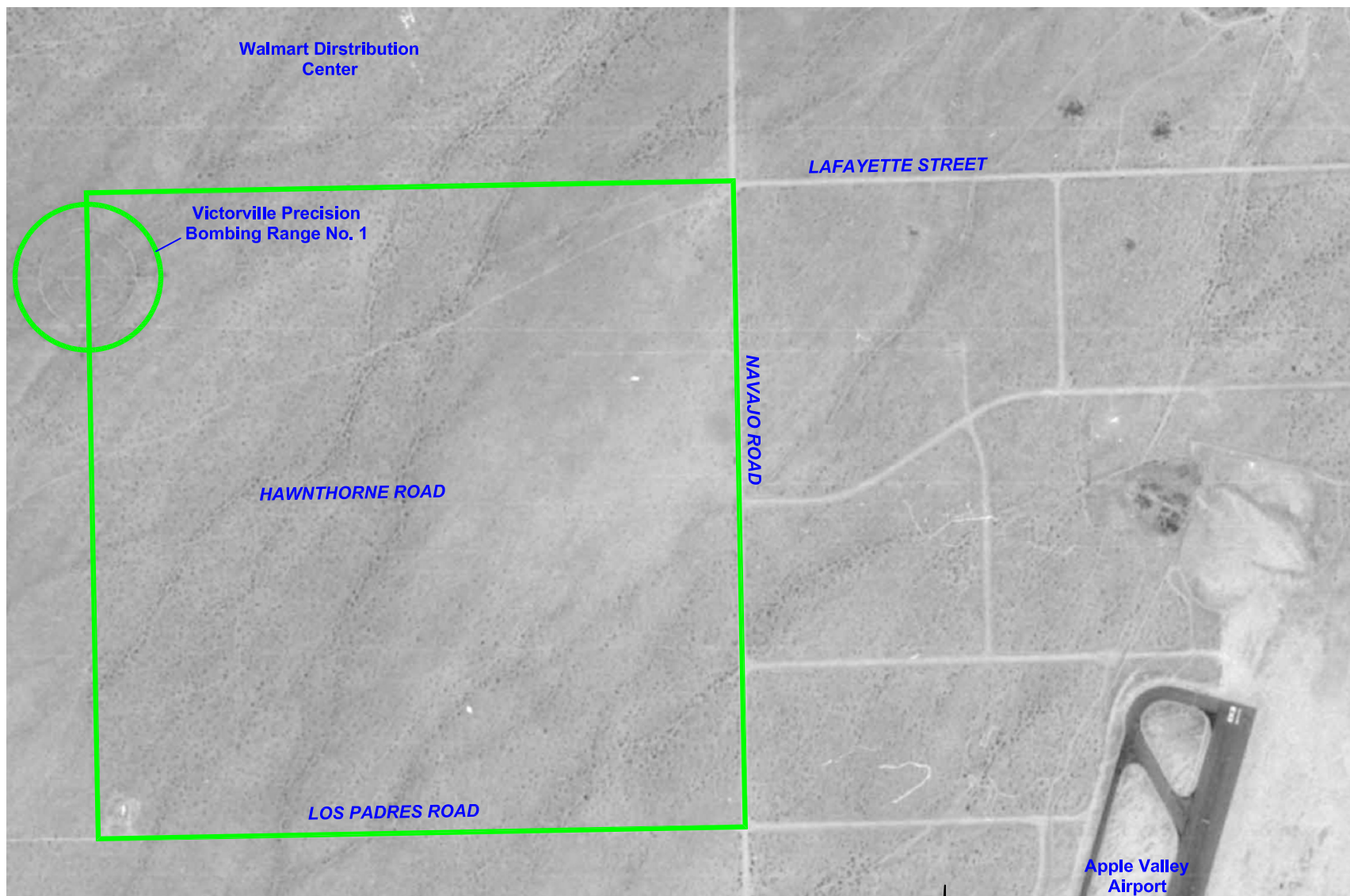


FIGURE 2
Site Plan

Phase I Environmental Site Assessment
 Lots 1-10
 Halverson South Assemblage
 Apple Valley, California



Project No. 1144.05

SITE PHOTOGRAPHS



SITE PHOTOGRAPHS



1. View of Subject Site (middle ground) from Dale Evans Parkway, with Wal-Mart distribution warehouse in background.



2. Northern portion of subject Site. Wal-Mart warehouse adjacent to north.





3. Northern portion of Site, typical view. View to west.



4. View to south along Navajo Road.





5. Excavation on northeastern portion of Site.



6. Remains of vehicle in excavation.





7. Hawthorne (Burbank) Avenue through center of Site. View to west.



8. View to north from Hawthorne (Burbank) Avenue.





9. Southwest corner of Site. View to north.



10. Central portion of Site. View to south from Hawthorne (Burbank) Avenue





11. Abandoned well casing in southwest corner of Site.



APPENDIX A
ENVIRONMENTAL DATA RESOURCES, INC.
RADIUS REPORT





EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Apple Valley
Lafayette St. at Navajo Rd.
Apple Valley, CA 92307**

Inquiry Number: 1654151.2s

April 13, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

LAFAYETTE ST. AT NAVAJO RD.
APPLE VALLEY, CA 92307

COORDINATES

Latitude (North): 34.590000 - 34° 35' 24.0"
Longitude (West): 117.192400 - 117° 11' 32.6"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 482355.7
UTM Y (Meters): 3827397.8
Elevation: 3039 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34117-E2 APPLE VALLEY NORTH, CA
Most Recent Revision: 1993

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

RCRA-SQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
NFA	No Further Action Determination
NFE	Properties Needing Further Evaluation
REF	Unconfirmed Properties Referred to Another Agency
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
LUST	Geotracker's Leaking Underground Fuel Tank Report
CA FID UST	Facility Inventory Database
SLIC	Statewide SLIC Cases
UST	Active UST Facilities
HIST UST	Hazardous Substance Storage Container Database
AST	Aboveground Petroleum Storage Tank Facilities
SWEEPS UST	SWEEPS UST Listing
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
San Bern. Co. Permit	Hazardous Material Permits
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
----------------------	---------------------

EXECUTIVE SUMMARY

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

EDR PROPRIETARY RECORDS

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

FEDERAL RECORDS

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 12/05/2005 has revealed that there are 2 FUDS sites within approximately 1.25 miles of the target property.

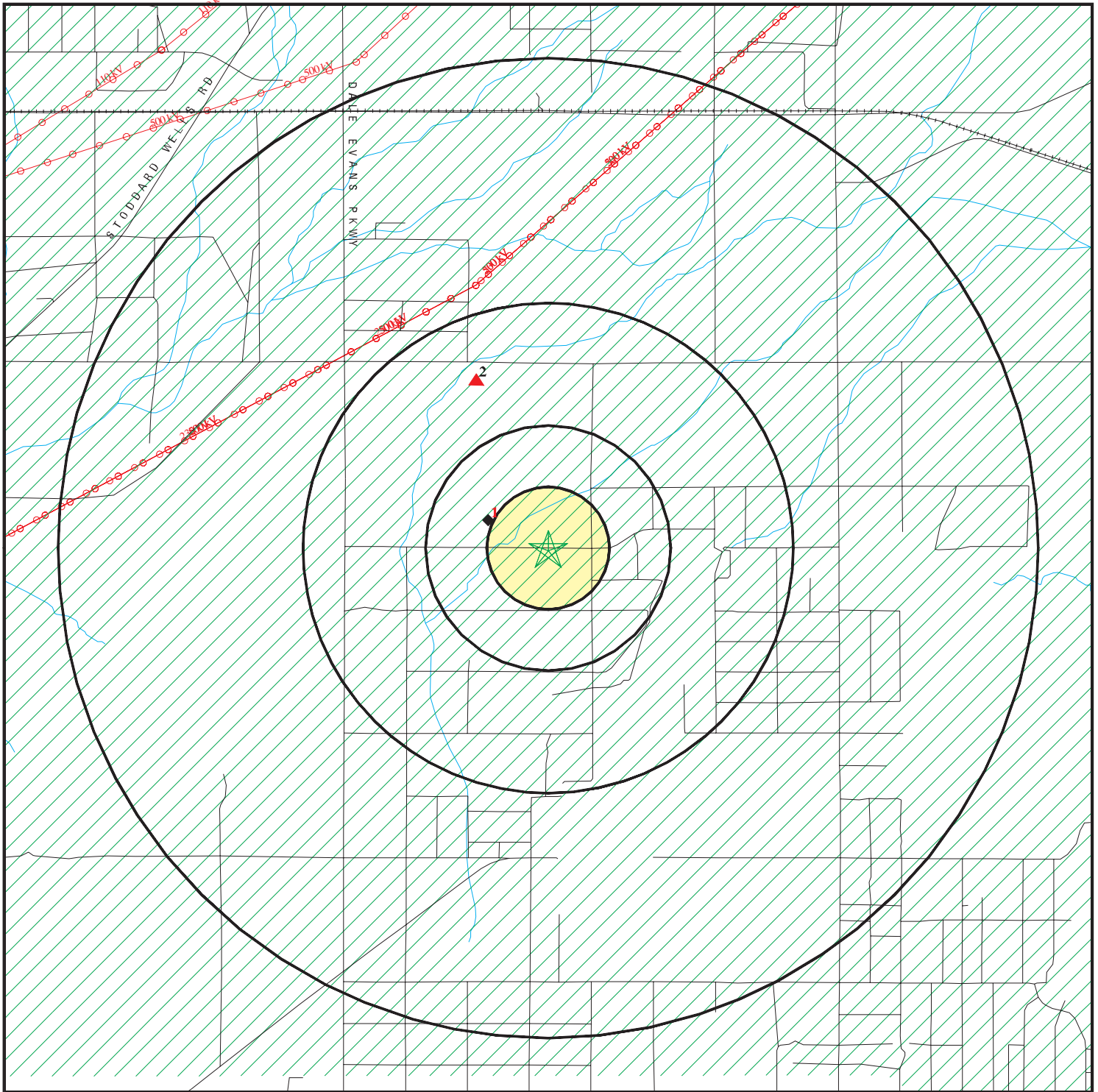
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VICTORVILLE PRE BOMB RANGE N-1		1/2 - 1 NNW 2		6
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VICTORVILLE PBR NO 1		1/4 - 1/2WNW 1		6

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
13228 ALGONQUIN RD,X/NAVAJO /	CDL
14900 APPLE VALLEY INN RD NR H	CDL
ON HWY 18 ON SE CORNER OF HWY	CDL
4 MILES NE OF BOULDER RD. /	CDL
ERIC NILSON	HAZNET, CDL
22075 OUTER HWY 18 (U-STORE-IT	CDL
PIONEER ROAD AND HIGHWAY 18	CDL
U-STORE-IT, SP 173/22075 OUTER	CDL
NU WAY VALLEY CLEANERS	RCRA-SQG, FINDS, CLEANERS
APPLE VALLEY CLASS III LANDFIL	Notify 65
APPLE VALLEY MERCURY SITE	CERCLIS, FINDS
SAN BERNARDINO CTY LDFILL - APPLE	CERCLIS
SW PORTLAND CEMENT CO, BLCK MTN QU	CERC-NFRAP
JACK F COLLINGSWORTH	HIST UST
APPLE VALLEY MUNICIPAL LANDFIL	WMUDS/SWAT, San Bern. Co. Permit
APPLE VALLEY AIRPORT	HAZNET
PRESTIGE STATIONS INC NO 5111	RCRA-SQG, FINDS, HAZNET
BP WEST COAST PRODUCTS LLC 01026	HAZNET
CNTY SAN BERNARDINO/APPLE VALLEY L	HAZNET
SBCSS	HAZNET
INTOWN PROPERTIES INC/HUD	HAZNET
VERIZON-APPLE VALLEY RCC 2	San Bern. Co. Permit
VALLEY IMAGING CENTER	San Bern. Co. Permit
APPLE VALLEY SANITARY LANDFILL	CA WDS
APPLE VALLEY MUNICIPAL LF	CA WDS

OVERVIEW MAP - 1654151.2s



- ★ 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
- Landfill Sites
- Dept. Defense Sites



- Indian Reservations BIA
- Areas of Concern
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

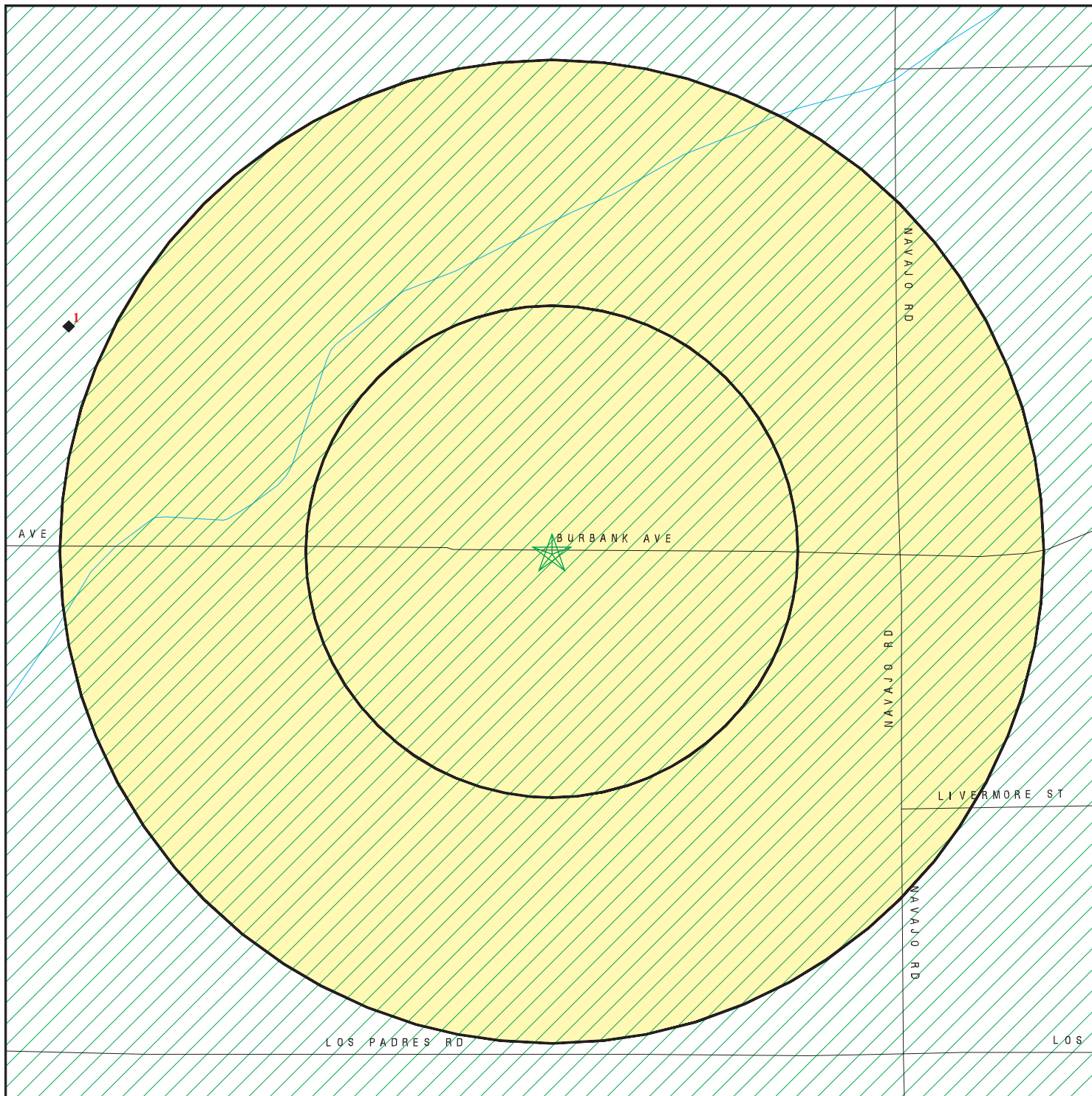


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Apple Valley
 ADDRESS: Lafayette St. at Navajo Rd.
 Apple Valley CA 92307
 LAT/LONG: 34.5900 / 117.1924

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1654151.2s
 DATE: April 13, 2006

DETAIL MAP - 1654151.2s



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

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

SITE NAME: Apple Valley
 ADDRESS: Lafayette St. at Navajo Rd.
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 LAT/LONG: 34.5900 / 117.1924

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1654151.2s
 DATE: April 13, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
Delisted NPL		1.250	0	0	0	0	0	0
NPL RECOVERY		0.250	0	0	NR	NR	NR	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRA TSD		0.750	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.500	0	0	0	NR	NR	0
ERNS		0.250	0	0	NR	NR	NR	0
HMIRS		0.250	0	0	NR	NR	NR	0
US ENG CONTROLS		0.750	0	0	0	0	NR	0
US INST CONTROL		0.750	0	0	0	0	NR	0
DOD		1.250	0	0	0	0	0	0
FUDS		1.250	0	0	1	1	0	2
US BROWNFIELDS		0.750	0	0	0	0	NR	0
CONSENT		1.250	0	0	0	0	0	0
ROD		1.250	0	0	0	0	0	0
UMTRA		0.750	0	0	0	0	NR	0
ODI		0.750	0	0	0	0	NR	0
TRIS		0.250	0	0	NR	NR	NR	0
TSCA		0.250	0	0	NR	NR	NR	0
FTTS		0.250	0	0	NR	NR	NR	0
SSTS		0.250	0	0	NR	NR	NR	0
PADS		0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
FINDS		0.250	0	0	NR	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
AWP		1.250	0	0	0	0	0	0
Cal-Sites		1.250	0	0	0	0	0	0
CA Bond Exp. Plan		1.250	0	0	0	0	0	0
NFA		0.500	0	0	0	NR	NR	0
NFE		0.500	0	0	0	NR	NR	0
REF		0.500	0	0	0	NR	NR	0
SCH		0.500	0	0	0	NR	NR	0
Toxic Pits		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
CA WDS		0.250	0	0	NR	NR	NR	0
WMUDS/SWAT		0.750	0	0	0	0	NR	0
Cortese		0.750	0	0	0	0	NR	0
SWRCY		0.750	0	0	0	0	NR	0
LUST		0.750	0	0	0	0	NR	0
CA FID UST		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC		0.750	0	0	0	0	NR	0
UST		0.500	0	0	0	NR	NR	0
HIST UST		0.500	0	0	0	NR	NR	0
AST		0.500	0	0	0	NR	NR	0
SWEEPS UST		0.500	0	0	0	NR	NR	0
CHMIRS		0.250	0	0	NR	NR	NR	0
Notify 65		1.250	0	0	0	0	0	0
DEED		0.750	0	0	0	0	NR	0
VCP		0.750	0	0	0	0	NR	0
DRYCLEANERS		0.500	0	0	0	NR	NR	0
WIP		0.500	0	0	0	NR	NR	0
CDL		0.250	0	0	NR	NR	NR	0
San Bern. Co. Permit		0.500	0	0	0	NR	NR	0
HAZNET		0.250	0	0	NR	NR	NR	0
EMI		0.250	0	0	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.250	0	0	0	0	0	0
INDIAN LUST		0.750	0	0	0	0	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.250	0	0	0	0	0	0
EDR Historical Auto Stations		0.500	0	0	0	NR	NR	0
EDR Historical Cleaners		0.500	0	0	0	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1 **VICTORVILLE PBR NO 1**
WNW
1/4-1/2 **8 MILES NE OF VICTORVILLE, CA**
1432 ft.

FUDS **1007212149**
N/A

Relative:
Lower

FUDS:

Federal Facility ID: CA9799F5660
 Facility Name: VICTORVILLE PBR NO 1
 City: 8 MILES NE OF VICTORVILLE
 State: CA
 EPA Region: 9
 County: SAN BERNARDINO
 Congressional District: 41
 US Army District: Los Angeles District (SPL)
 Fiscal Year: 2004
 Phone: 213-452-3921
 Inst ID: Not reported
 CTC: Not reported
 RAB: Not reported

Actual:
3032 ft.

FUDS History : Victorville PBR No. 10 was used by the Army Air Forces based at Victorville Airfield as a practice area. There were no buildings on the site. The Department of Defense (DoD) improvements on the site consisted of frame butts and appurtenances, fence s and gates, and a target. The target, located in the center of the site, was composed of asphalt strips approximately 5 feet wide configured as three concentric circles with approximate radii of 100, 200, and 300 feet. In addition, there were two s trips of asphalt which transected the concentric circles at right angles to each other. Victorville PBR No. 10 was informally returned to the Department of the Interior in November 1948 by a Letter of Transfer.

FUDS Description : The site consisted of 640 acres. In May 1943, 640 acres were transferred from the U.S. Department of the Interior to the War Department through Public Land Order 125. The former Victorville PBR No. 10 is located approximately 10 miles east of Lucerne Valley, California. In November, 1948, PBR No. 10 was transferred back to the U.S. Department of the Interior; this transfer of land became official in March 1954 through PLO 948. Currently, the site is controlled by the U.S. Department of the Interior, Bureau of Land Management. The site is on undeveloped desert land. This property is known or suspected to contain military munitions and explosives of concern (e.g., unexploded ordnance) and therefore may present an explosive hazard.

2 **VICTORVILLE PRE BOMB RANGE N-1**
NNW
1/2-1 **VICTORVILLE, CA**
3952 ft.

FUDS **1007212147**
N/A

Relative:
Higher

FUDS:

Federal Facility ID: CA9799F5657
 Facility Name: VICTORVILLE PRE BOMB RANGE N-1
 City: VICTORVILLE
 State: CA
 EPA Region: 9
 County: SAN BERNARDINO
 Congressional District: 41
 US Army District: Los Angeles District (SPL)
 Fiscal Year: 2004
 Phone: 213-452-3921
 Inst ID: Not reported

Actual:
3051 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

VICTORVILLE PRE BOMB RANGE N-1 (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

1007212147

CTC:	Not reported
RAB:	Not reported
FUDS History :	Victorville Precision Range (PBR) N-1 was used by the U.S. Army Air Force as a practice range. This site was used in conjunction with the Victorville Air Field (now the George Air Force Base). The site improvements consisted of concentric rings of light oil spread on grade, frame butts and appurtenances, fences, and gates. There were no government buildings on-site. On 1 December 1942, the lease terminated for the 400 acres of private land. This property is currently held by numerous private parties. On 1 January 1946, DoD declared the remaining 160 acres of the Victorville PBR N-1 site as surplus to the War Assets Administration (WAA). On 1 November 1948, WAA relinquished the 160 acres to DoI. Public Land Order No. 948, dated 29 March 1954, partially revoked Public Land Order No. 125, thereby allowing DoI to assume custody of the property. The Bureau of Land Management currently owns the 160-acre tract.
FUDS Description :	The site consisted of 560 acres. The Victorville Precision Bombing Range N-1 was located in San Bernardino County, California, 9 miles northeast of Victorville. In the 1940's, the Department of Defense (DoD) acquired a total of 560 acres through lease from private parties and transfer from the Department of Interior (DoI). Following a land acquisition directive dated 12 May 1942, DoD acquired 400 acres of private land. Currently, the former bombing range exists as vacant land under both private and public interests. This property is known or suspected to contain military munitions and explosives of concern (e.g., unexploded ordnance) and therefore may present an explosive hazard.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
APPLE VALLEY	S107528192		13228 ALGONQUIN RD,X/NAVAJO /	92307	CDL
APPLE VALLEY	S107146354	APPLE VALLEY AIRPORT	APPLE VALLEY AIRPORT	92307	HAZNET
APPLE VALLEY	S107528818		14900 APPLE VALLEY INN RD NR H		CDL
APPLE VALLEY	S104771905	VERIZON-APPLE VALLEY RCC 2	22475 CENTRAL RD	92307	San Bern. Co. Permit
APPLE VALLEY	S106803251	VALLEY IMAGING CENTER	18523 CORWIN RD J	92307	San Bern. Co. Permit
APPLE VALLEY	1004677902	PRESTIGE STATIONS INC NO 5111	21727 HAPPY TRAILS HWY	92307	RCRA-SQG, FINDS, HAZNET
APPLE VALLEY	S106092279	BP WEST COAST PRODUCTS LLC 01026	21727 HAPPY TRAILS HWY	92307	HAZNET
APPLE VALLEY	1005440852	APPLE VALLEY MERCURY SITE	HURONS AVE., PIONEER RD., & I	92307	CERCLIS, FINDS
APPLE VALLEY	S107539887		ON HWY 18 ON SE CORNER OF HWY		CDL
APPLE VALLEY	S103628752	CNTY SAN BERNARDINO/APPLE VALLEY L	13401 LAGUNA SECA DR	92307	HAZNET
APPLE VALLEY	S107533644		4 MILES NE OF BOULDER RD. /	92307	CDL
APPLE VALLEY	U001574400	JACK F COLLINGSWORTH	2172 NAVAJO RD	92307	HIST UST
APPLE VALLEY	S105256868	APPLE VALLEY SANITARY LANDFILL	N/A NE1/4 S29 T5N R2W SB		CA WDS
APPLE VALLEY	S100178600	APPLE VALLEY CLASS III LANDFIL	EAST OF APPLE VALLEY		Notify 65
APPLE VALLEY	S105255572	APPLE VALLEY MUNICIPAL LF	E OF APPLE VALLEY		CA WDS
APPLE VALLEY	1000435860	NU WAY VALLEY CLEANERS	17842 OUTER WHY 18	92307	RCRA-SQG, FINDS, CLEANERS
APPLE VALLEY	S103639077	ERIC NILSON	19559 OUTER HWY 19 #120	92307	HAZNET, CDL
APPLE VALLEY	S107531080		22075 OUTER HWY 18 (U-STORE-IT	92307	CDL
APPLE VALLEY	S103636695	SBCSS	17800 OUTER HWY 18	92307	HAZNET
APPLE VALLEY	S107540279		PIONEER ROAD AND HIGHWAY 18		CDL
APPLE VALLEY	1003878281	SW PORTLAND CEMENT CO, BLCK MTN QU	T6N, R2W, SEC 8, 9	92307	CERC-NFRAP
APPLE VALLEY	1000893612	SAN BERNARDINO CTY LDFILL - APPLE	SEC 29, T.5N, R.2W	92307	CERCLIS
APPLE VALLEY	S107540962		U-STORE-IT, SP 173/22075 OUTER		CDL
APPLE VALLEY	S101310227	APPLE VALLEY MUNICIPAL LANDFIL	E OF APPLE VALLEY	92307	WMUDS/SWAT, San Bern. Co. Permit
STANTON	S103970770	INTOWN PROPERTIES INC/HUD	9166 CERRITOS AVE STE 57	92307	HAZNET

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 02/24/2006	Source: EPA
Date Data Arrived at EDR: 03/01/2006	Telephone: N/A
Date Made Active in Reports: 03/31/2006	Last EDR Contact: 03/01/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/01/2006
	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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 02/24/2006	Source: EPA
Date Data Arrived at EDR: 03/01/2006	Telephone: N/A
Date Made Active in Reports: 03/31/2006	Last EDR Contact: 03/01/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/01/2006
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 02/24/2006	Source: EPA
Date Data Arrived at EDR: 03/01/2006	Telephone: N/A
Date Made Active in Reports: 03/31/2006	Last EDR Contact: 03/01/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/01/2006
	Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 03/06/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/06/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/05/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 02/21/2006	Source: EPA
Date Data Arrived at EDR: 03/01/2006	Telephone: 800-424-9346
Date Made Active in Reports: 03/31/2006	Last EDR Contact: 03/01/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/24/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 01/12/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/24/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/16/2006	Telephone: 202-366-4555
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 01/16/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/17/2006
	Data Release Frequency: Annually

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: 08/02/2005	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/12/2005	Telephone: 703-603-8905
Date Made Active in Reports: 10/06/2005	Last EDR Contact: 03/03/2006
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/10/2005	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/11/2005	Telephone: 703-603-8905
Date Made Active in Reports: 04/06/2005	Last EDR Contact: 03/03/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 02/06/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 05/08/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/29/2005	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/05/2005	Telephone: 202-566-2777
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 03/13/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 06/12/2006
	Data Release Frequency: Semi-Annually

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: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 12/07/2005	Source: EPA
Date Data Arrived at EDR: 01/06/2006	Telephone: 703-416-0223
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/05/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/19/2006
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 03/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/27/2004	Telephone: 202-260-5521
Date Made Active in Reports: 05/21/2004	Last EDR Contact: 04/12/2006
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 01/17/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 01/24/2006	Telephone: 202-566-1667
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

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

Date of Government Version: 01/17/2006	Source: EPA
Date Data Arrived at EDR: 01/24/2006	Telephone: 202-566-1667
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

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: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 01/03/2005	Telephone: 202-564-4203
Date Made Active in Reports: 01/25/2005	Last EDR Contact: 03/06/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 02/08/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 05/08/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 02/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 02/16/2006	Telephone: 301-415-7169
Date Made Active in Reports: 03/31/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 11/08/2005	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/27/2005	Telephone: 303-231-5959
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 03/29/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/26/2006
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/09/2006	Source: EPA
Date Data Arrived at EDR: 01/16/2006	Telephone: N/A
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 03/06/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/05/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003	Source: EPA/NTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 03/17/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/12/2006
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/29/2005

Date Made Active in Reports: 09/21/2005

Number of Days to Update: 23

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Last EDR Contact: 04/05/2006

Next Scheduled EDR Contact: 05/29/2006

Data Release Frequency: Annually

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.

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/29/2005

Date Made Active in Reports: 09/21/2005

Number of Days to Update: 23

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

Last EDR Contact: 04/05/2006

Next Scheduled EDR Contact: 05/29/2006

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

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/29/2005

Date Made Active in Reports: 10/06/2005

Number of Days to Update: 38

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/05/2006

Next Scheduled EDR Contact: 05/29/2006

Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/29/2005

Date Made Active in Reports: 09/21/2005

Number of Days to Update: 23

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/05/2006

Next Scheduled EDR Contact: 05/29/2006

Data Release Frequency: Quarterly

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/2005

Date Data Arrived at EDR: 08/29/2005

Date Made Active in Reports: 10/06/2005

Number of Days to Update: 38

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/05/2006

Next Scheduled EDR Contact: 05/29/2006

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCH: School Property Evaluation Program

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/29/2005	Telephone: 916-323-3400
Date Made Active in Reports: 10/06/2005	Last EDR Contact: 04/05/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/29/2006
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/30/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/01/2006
	Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 03/13/2006	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 03/15/2006	Telephone: 916-341-6320
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/15/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/12/2006
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/20/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/21/2006	Telephone: 916-341-5227
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/06/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/05/2006
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

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.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
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: 916-542-5424
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
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: 858-467-2980
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
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: 951-782-4130
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-346-7491
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 12/27/2005
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/27/2006
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-346-7491
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 04/03/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 01/15/2006	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 01/16/2006	Telephone: 916-464-3291
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/13/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-549-3147
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 02/13/2006
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2006
	Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-576-2220
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 02/20/2006
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 04/10/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/10/2006
	Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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: 04/10/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/17/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Unregulated sites that impact groundwater or have the potential to impact groundwater.

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: 04/05/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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: 03/06/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 01/17/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 04/05/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 03/14/2006
Date Data Arrived at EDR: 03/14/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Semi-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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 12/31/2004	Source: Office of Emergency Services
Date Data Arrived at EDR: 11/30/2005	Telephone: 916-845-8400
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 02/20/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 04/11/2006
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 01/03/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/04/2006	Telephone: 916-323-3400
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 04/05/2006
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/29/2005	Telephone: 916-323-3400
Date Made Active in Reports: 09/21/2005	Last EDR Contact: 04/05/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/29/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 28

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/08/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/08/2006
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: 12/31/2003
Date Data Arrived at EDR: 07/19/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/07/2005	Source: EPA Region 10
Date Data Arrived at EDR: 09/08/2005	Telephone: 206-553-2857
Date Made Active in Reports: 10/31/2005	Last EDR Contact: 01/10/2006
Number of Days to Update: 53	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: Varies

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

Date of Government Version: 03/01/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/22/2006	Telephone: 415-972-3372
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 02/20/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2006	Source: EPA Region 9
Date Data Arrived at EDR: 03/22/2006	Telephone: 415-972-3368
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 02/20/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 02/16/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 03/20/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 01/18/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 34

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/10/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/09/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 33

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 07/06/1999
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

City of El Segundo Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2006
Date Data Arrived at EDR: 03/24/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 20

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 02/14/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 13

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/15/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Los Angeles Landfills

Date of Government Version: 03/01/2005
Date Data Arrived at EDR: 03/18/2005
Date Made Active in Reports: 04/08/2005
Number of Days to Update: 21

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/03/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/10/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 04/03/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 9

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 12/28/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2006	Source: Health Care Agency
Date Data Arrived at EDR: 03/29/2006	Telephone: 714-834-3446
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/08/2006
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/05/2006
	Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2005	Source: Health Care Agency
Date Data Arrived at EDR: 12/16/2005	Telephone: 714-834-3446
Date Made Active in Reports: 01/11/2006	Last EDR Contact: 03/08/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/05/2006
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/03/2006	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 04/04/2006	Telephone: 530-889-7312
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 02/09/2006	Source: Health Services Agency
Date Data Arrived at EDR: 02/10/2006	Telephone: 951-358-5055
Date Made Active in Reports: 03/09/2006	Last EDR Contact: 04/11/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/09/2006	Source: Department of Public Health
Date Data Arrived at EDR: 02/10/2006	Telephone: 951-358-5055
Date Made Active in Reports: 03/13/2006	Last EDR Contact: 04/11/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 02/02/2006	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/13/2006	Telephone: 916-875-8406
Date Made Active in Reports: 03/13/2006	Last EDR Contact: 01/30/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/01/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/02/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
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: 03/22/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 21

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 04/05/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Date of Government Version: 03/16/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information

Date of Government Version: 03/16/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 02/28/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/10/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/10/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 01/11/2006
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 19

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/10/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 03/13/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 31

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 12/13/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 36

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 10/13/2005
Date Data Arrived at EDR: 10/31/2005
Date Made Active in Reports: 12/08/2005
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 04/13/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 03/31/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 13

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2005	Source: Environmental Health Division
Date Data Arrived at EDR: 09/20/2005	Telephone: 805-654-2813
Date Made Active in Reports: 10/06/2005	Last EDR Contact: 02/20/2006
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/22/2006
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/24/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 03/27/2006	Telephone: 805-654-2813
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/15/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 06/12/2006
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/29/2005	Source: Environmental Health Division
Date Data Arrived at EDR: 01/20/2006	Telephone: 805-654-2813
Date Made Active in Reports: 02/15/2006	Last EDR Contact: 04/11/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2006
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 01/18/2006	Source: Yolo County Department of Health
Date Data Arrived at EDR: 02/09/2006	Telephone: 530-666-8646
Date Made Active in Reports: 03/09/2006	Last EDR Contact: 04/11/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

APPLE VALLEY
LAFAYETTE ST. AT NAVAJO RD.
APPLE VALLEY, CA 92307

TARGET PROPERTY COORDINATES

Latitude (North):	34.59000 - 34° 35' 24.0"
Longitude (West):	117.1924 - 117° 11' 32.6"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	482355.7
UTM Y (Meters):	3827397.8
Elevation:	3039 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34117-E2 APPLE VALLEY NORTH, CA
Most Recent Revision:	1993

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

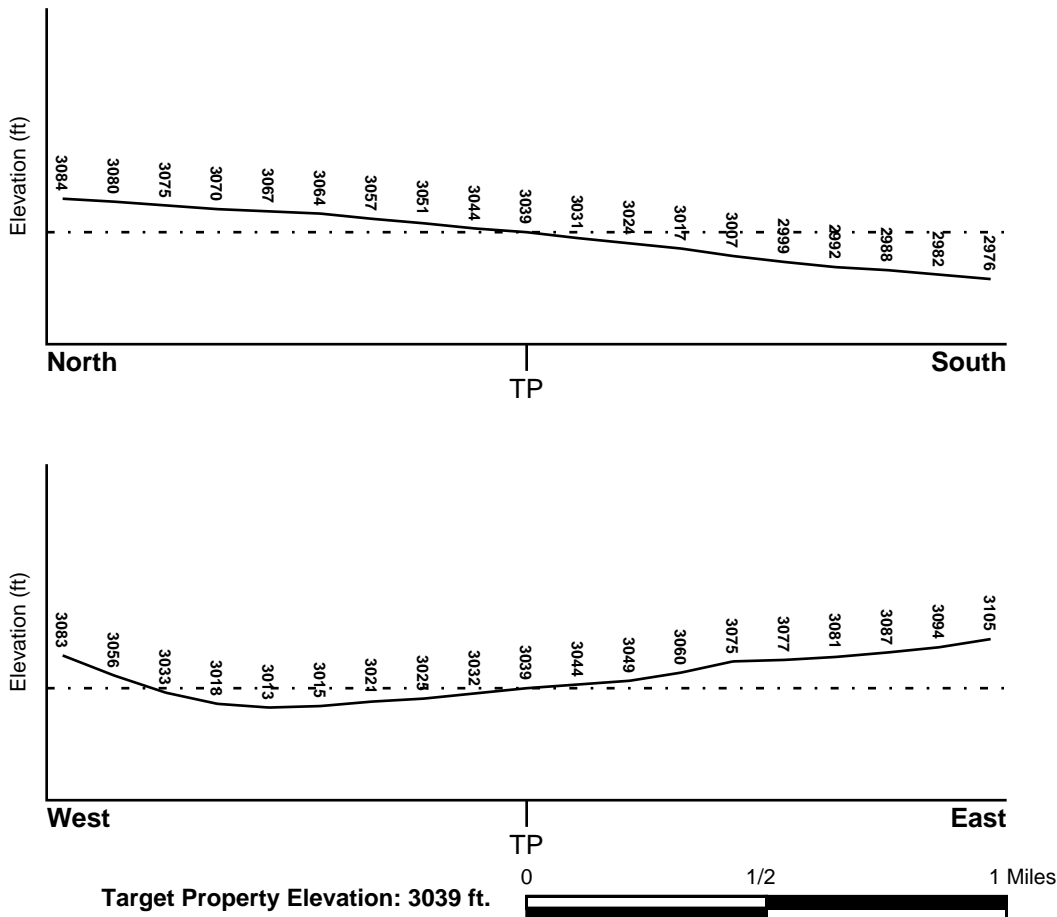
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County
SAN BERNARDINO, CA

FEMA Flood Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06071C5850F

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
NOT AVAILABLE

NWI Electronic Data Coverage
Not Available

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

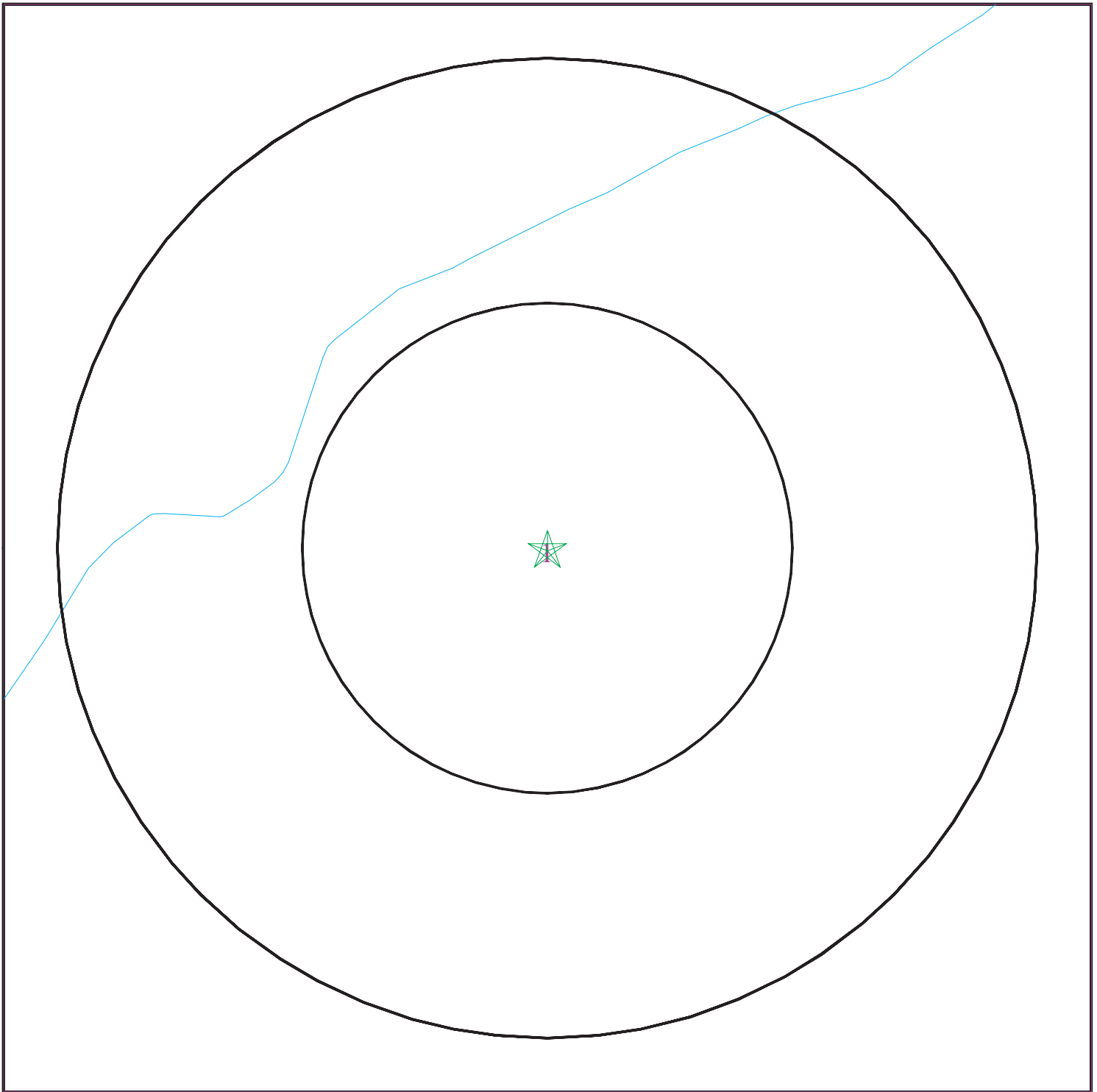
Era:	Paleozoic
System:	Pennsylvanian
Series:	Upper Paleozoic
Code:	uPz (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 1654151.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Apple Valley
ADDRESS: Lafayette St. at Navajo Rd.
Apple Valley CA 92307
LAT/LONG: 34.5900 / 117.1924

CLIENT: Northgate Env. Management Inc.
CONTACT: Marta Lutsky
INQUIRY #: 1654151.2s
DATE: April 13, 2006

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: HELENDALE

Soil Surface Texture: loamy sand

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. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	loamy 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: 20.00 Min: 6.00	Max: 8.40 Min: 7.40
2	6 inches	30 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: 6.00 Min: 2.00	Max: 8.40 Min: 7.40
3	30 inches	66 inches	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: 6.00 Min: 2.00	Max: 8.40 Min: 7.40

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	66 inches	99 inches	loamy 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: 20.00 Min: 6.00	Max: 8.40 Min: 7.40

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3132291	1/8 - 1/4 Mile SSE
2	USGS3132375	1/4 - 1/2 Mile North
A3	USGS3132295	1/4 - 1/2 Mile WSW
A4	USGS3132290	1/4 - 1/2 Mile WSW
5	USGS3132464	1/2 - 1 Mile WSW
6	USGS3132595	1/2 - 1 Mile South
7	USGS3132594	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

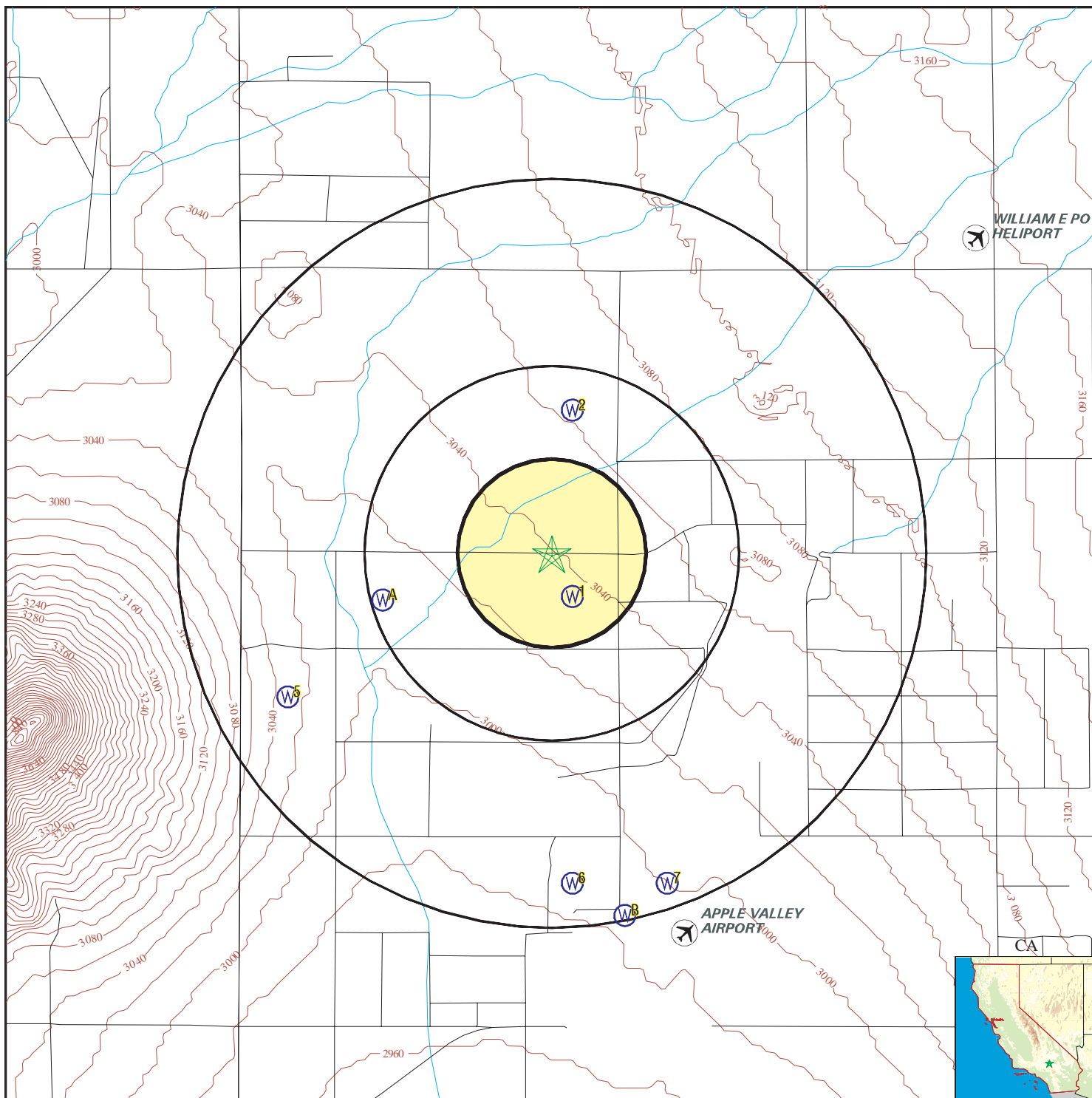
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B8	6518	1/2 - 1 Mile SSE
B9	6517	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 1654151.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



<p>SITE NAME: Apple Valley ADDRESS: Lafayette St. at Navajo Rd. Apple Valley CA 92307 LAT/LONG: 34.5900 / 117.1924</p>	<p>CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY #: 1654151.2s DATE: April 13, 2006</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS3132291

Agency cd:	USGS	Site no:	343518117112601
Site name:	006N003W21R001S		
Latitude:	343518		
Longitude:	1171126	Dec lat:	34.58832735
Dec lon:	-117.19143202	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	APPLE VALLEY	Map scale:	Not Reported
Altitude:	3020	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Mojave. California. Area = 4580 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19570508	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	189.8	Hole depth:	Not Reported
Source of depth data:	memory	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1957-05-08	Ground water data end date:	1957-05-08
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-05-08 174.63

Note: A nearby site that taps the same aquifer was being pumped.

2
North
1/4 - 1/2 Mile
Higher

FED USGS USGS3132375

Agency cd:	USGS	Site no:	343544117112601
Site name:	006N003W21H001S		
Latitude:	343544		
Longitude:	1171126	Dec lat:	34.59554927
Dec lon:	-117.19143206	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	APPLE VALLEY	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	3070	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Mojave. California. Area = 4580 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19570508	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	40.4	Hole depth:	Not Reported
Source of depth data:	memory	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1957-05-08	Ground water data end date:	1957-05-08
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-05-08

Note: The site was dry (no water level recorded).

A3
WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS3132295

Agency cd:	USGS	Site no:	343518117115801
Site name:	006N003W21P001S		
Latitude:	343518		
Longitude:	1171158	Dec lat:	34.58832732
Dec lon:	-117.20032116	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	APPLE VALLEY	Map scale:	Not Reported
Altitude:	3000	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Mojave. California. Area = 4580 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19570508	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	158.2	Hole depth:	Not Reported
Source of depth data:	memory	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1957-05-08
 Ground water data count: 1
 Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1957-05-08

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1957-05-08	157.00	

Note: A nearby site that taps the same aquifer was being pumped.

A4
WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS3132290

Agency cd:	USGS	Site no:	343517117115801
Site name:	006N003W21P002S		
Latitude:	343517		
Longitude:	1171158	Dec lat:	34.58804955
Dec lon:	-117.20032115	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	APPLE VALLEY	Map scale:	Not Reported
Altitude:	3000	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Mojave. California. Area = 4580 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19570508	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	80.2	Hole depth:	Not Reported
Source of depth data:	memory	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1957-05-08	Ground water data end date:	1957-05-08
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1957-05-08		

Note: The site was dry (no water level recorded).

5
WSW
1/2 - 1 Mile
Lower

FED USGS USGS3132464

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	343504117121401
Site name:	006N003W28D001S		
Latitude:	343504		
Longitude:	1171214	Dec lat:	34.58443858
Dec lon:	-117.2047657	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	APPLE VALLEY	Map scale:	Not Reported
Altitude:	3000	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Mojave, California. Area = 4580 sq.mi.		
Topographic:	Alluvial fan		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19570508	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	106.6	Hole depth:	Not Reported
Source of depth data:	memory	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1957-05-08	Ground water data end date:	1957-05-08
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-05-08

Note: The site was dry (no water level recorded).

6
South
1/2 - 1 Mile
Lower

FED USGS USGS3132595

Agency cd:	USGS	Site no:	343438117112601
Site name:	006N003W28J002S		
Latitude:	343438		
Longitude:	1171126	Dec lat:	34.57721672
Dec lon:	-117.19143197	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	APPLE VALLEY	Map scale:	Not Reported
Altitude:	2990	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Mojave, California. Area = 4580 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1956
Date inventoried:	19570515	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	other reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1957-05-15	Ground water data end date:	1957-05-15
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-05-15	167.35	

Note: A nearby site that taps the same aquifer was being pumped.

7

SSE
1/2 - 1 Mile
Lower

FED USGS USGS3132594

Agency cd:	USGS	Site no:	343438117111001
Site name:	006N003W27M001S		
Latitude:	343438		
Longitude:	1171110	Dec lat:	34.57721674
Dec lon:	-117.1869874	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	071
Country:	US	Land net:	Not Reported
Location map:	APPLE VALLEY	Map scale:	Not Reported
Altitude:	2980	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Mojave. California. Area = 4580 sq.mi.		
Topographic:	Alluvial fan		
Site type:	Ground-water other than Spring	Date construction:	1953
Date inventoried:	19570515	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	159	Hole depth:	Not Reported
Source of depth data:	other reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1957-05-15	Ground water data end date:	1957-05-15
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

	Feet below Surface	Feet to Sealevel
Date		

1957-05-15 157.71

Note: A nearby site that taps the same aquifer was being pumped.

B8
SSE
1/2 - 1 Mile
Lower

CA WELLS 6518

Water System Information:

Prime Station Code: 06N/03W-27M02 S	User ID: 36C
FRDS Number: 3600223003	County: San Beernardino
District Number: 66	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 343434.0 1171117.0	Precision: 100 Feet (one Second)
Source Name: WELL 03 (NORTH WELL 12 INCH)	
System Number: 3600223	
System Name: APPLE VALLEY AIRPORT	
Organization That Operates System:	
Not Reported	
APPLE VALLEY, CA 92307	
Pop Served: 25	Connections: 2
Area Served: Not Reported	

B9
SSE
1/2 - 1 Mile
Lower

CA WELLS 6517

Water System Information:

Prime Station Code: 06N/03W-27M01 S	User ID: 36C
FRDS Number: 3600223002	County: San Beernardino
District Number: 66	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 343433.0 1171117.0	Precision: 100 Feet (one Second)
Source Name: WELL 02 (SOUTH WELL 14 INCH)	
System Number: 3600223	
System Name: APPLE VALLEY AIRPORT	
Organization That Operates System:	
Not Reported	
APPLE VALLEY, CA 92307	
Pop Served: 25	Connections: 2
Area Served: Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
92307	11	1	9.09

Federal EPA Radon Zone for SAN BERNARDINO 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 SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX B
DEPARTMENT OF DEFENSE INFORMATION



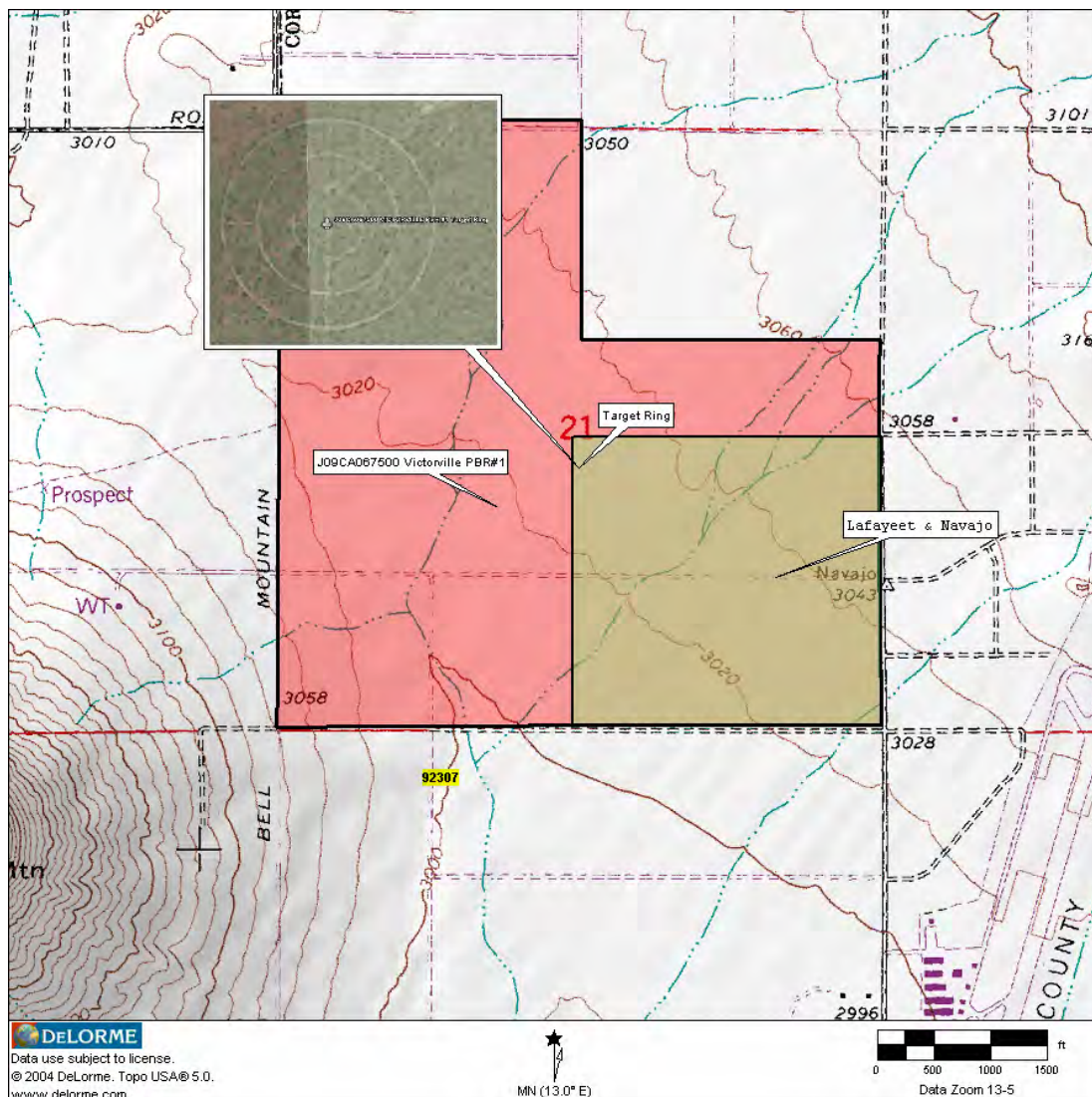
APPENDIX B—PART 1
General Correspondence



J09CA067500

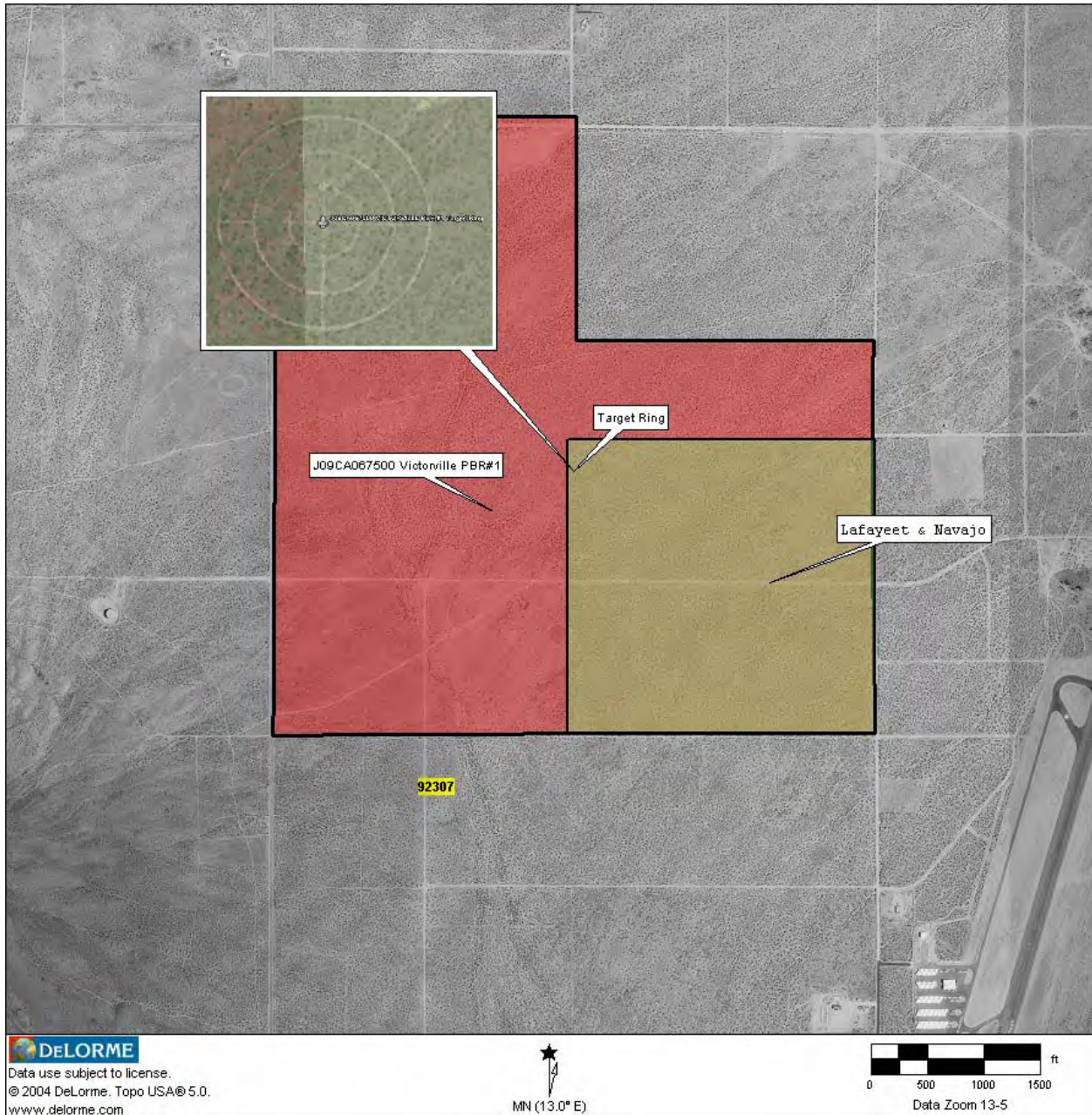
Property Description: The site originally consisted of 560 acres. In May 1942, 400 acres were obtained by lease from private land owners. The other 160 acres were transferred from the U.S. Department of the Interior to the War Department through Public Land Order 125. The site was used by the Army Air Forces based at Victorville airfield as a practice bombing area. The lease on the 400 acres acquired from private land owners was terminated in December 1942. On 1 November 1948, 160 acres were transferred back to the U.S. Department of the Interior by a letter of transfer. Currently the site is divided into 46 parcels owned by private land owners. The only DOD improvements still on the site are the weathered remains of the asphalt bombing target. There is no visible evidence of unsafe debris, hazardous or toxic waste, or unexploded ordnance resulting from DOD use of the site. However, there are fragments from exploded ordnance dropped on the bombing target scattered throughout the site. The fragments are spaced approximately 15-20 feet apart within the 300 foot bombing target and 75-100 feet apart throughout the remainder of the site.

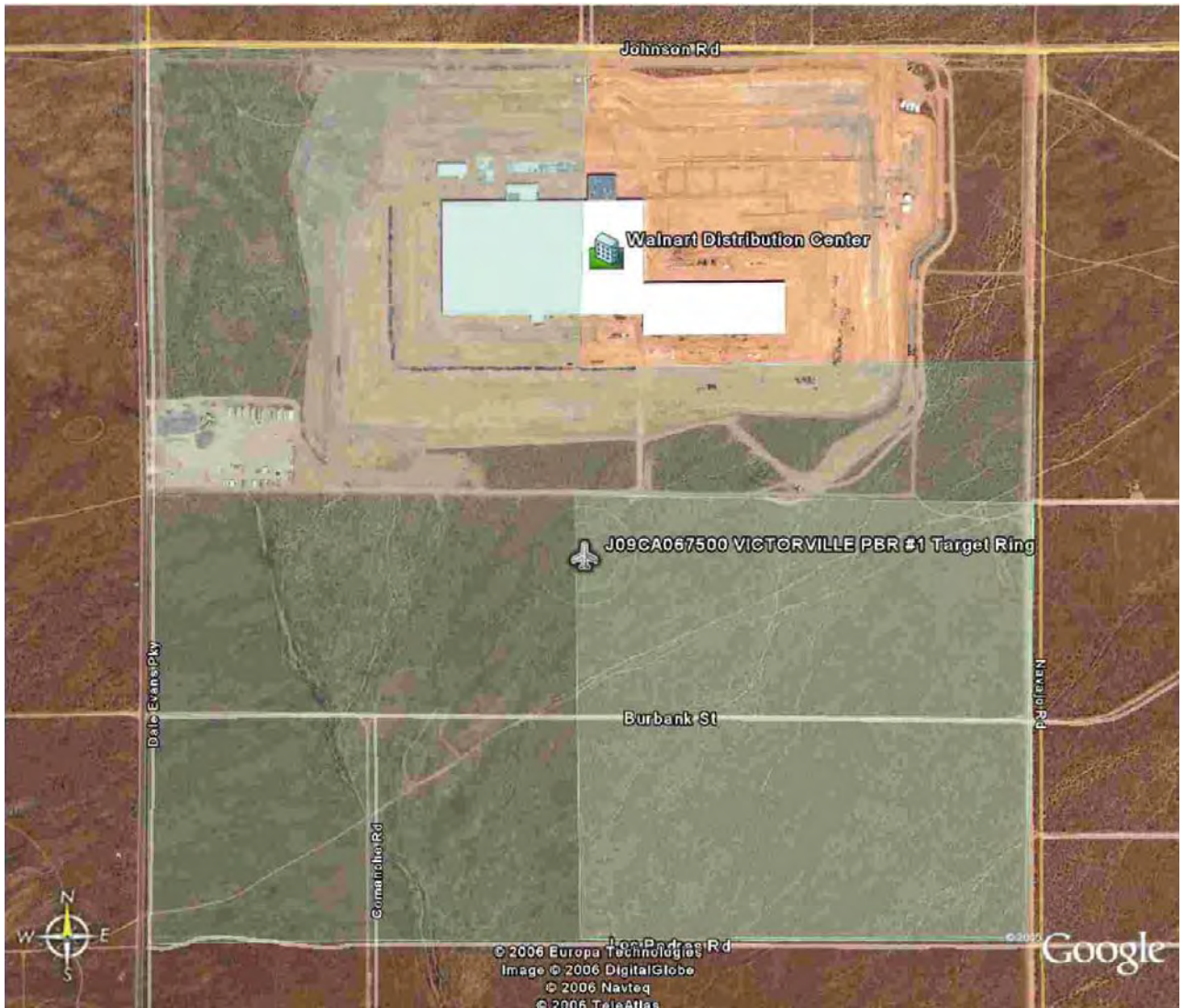
Property History: Victorville PRB No. 1 was used by the Army Air Forces based at Victorville Airfield as a practice bombing area. There were no buildings on the site. The War Department improvements on the site consisted of frame butts and appurtenances. Fences and gates, and a bombing



target. The bombing target, located in the center of the site, was composed of asphalt strips approximately 5 feet wide configured as three concentric circles with approximate radii of 100, 200, and 300 feet. In addition, there were two strips of asphalt which transected the concentric circles at right angles to each other. The leases on the 400 acres acquired from private land owners were terminated on

3. December 1942. On 1 November 1948, 160 acres of Victorville PRB No. 1 were informally returned to the U.S. Department of the Interior by a Letter of Transfer. The Letter of Transfer declared the bombing target to have been deduced and certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Transfer of land from the DOD to the U.S. Department of the Interior became official on 29 March 1954, by Public Land Order 948. Currently, the site is divided into 46 parcels owned by private land owners. The site is undeveloped land.





APPENDIX B—PART 2
November 2004 - Archives Search Report Supplement



ASR SUPPLEMENT

INSTALLATION NAME: VICTORVILLE PBR NO 1

FFID: CA9799F5660

FUDS PROPERTY NUMBER: J09CA0675

TOTAL PROPERTY ACREAGE: 560

MSC: South Pacific Division - 41507
8 MILES NE OF VICTORVILLE, CA 92392

POC for this data:

Robert Hoffman, Rock Island District
Phone: 309-794-5504
Email: robert.e.hoffman@mvr02.usace.army.mil

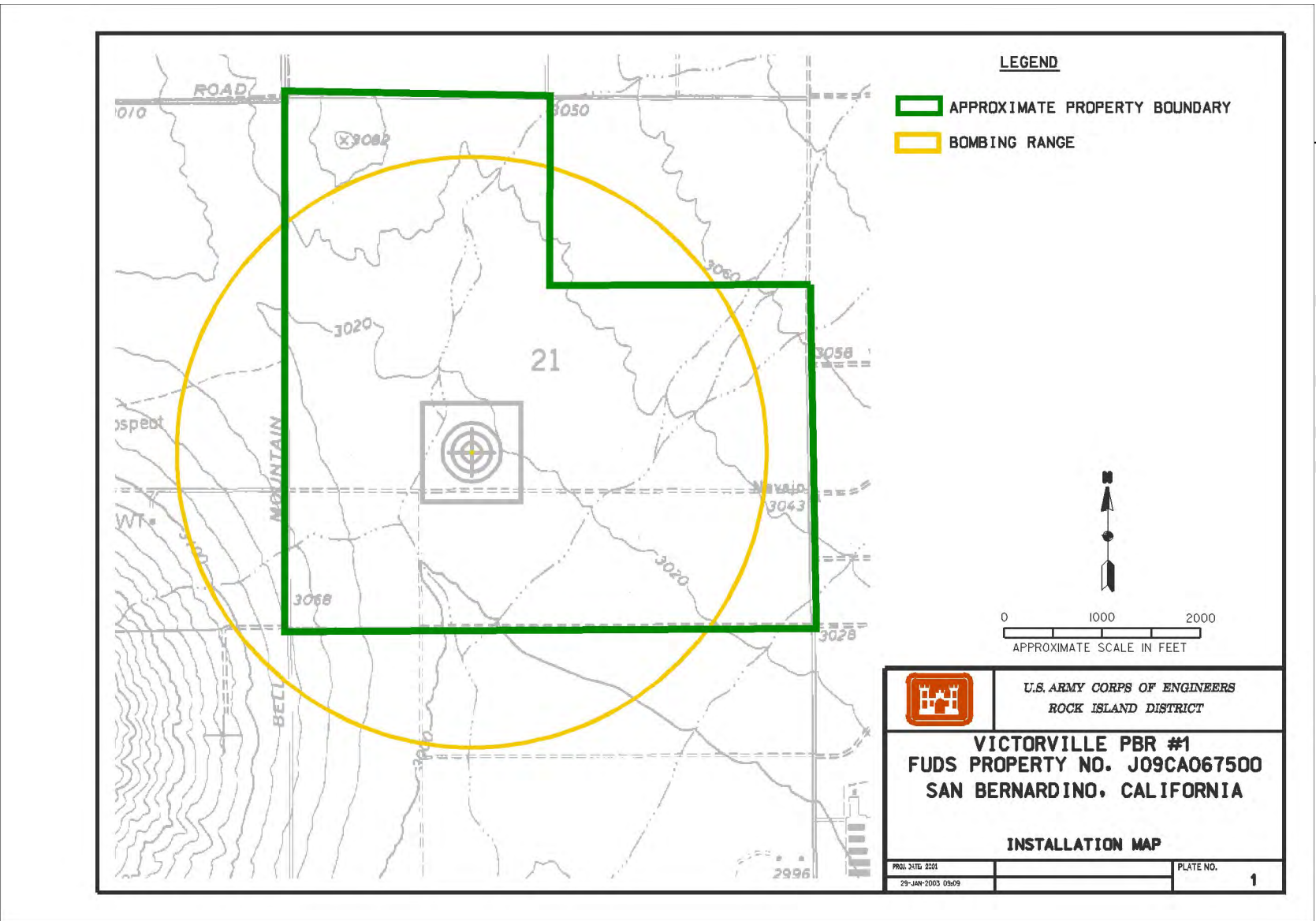
DOES THE INSTALLATION HAVE ANY A/I RANGES? NO

DOES THE INSTALLATION HAVE ANY CTT RANGES? YES

TYPES OF MUNITIONS USED ON THIS INSTALLATION: Conventional

INFORMATION IN THIS SUPPLEMENT WAS GATHERED FROM THE: ASR

MMR AREA SUMMARY						
PROJECT No.	PLATE No.	RANGE NAME	SUB-RANGE NAME	ACREAGE	AARS AOC	RMIS RANGE ID
01	R01	Practice Bomb Target		649	A	J09CA067501R01



INSTALLATION NAME
VICTORVILLE PBR NO 1
8 MILES NE OF VICTORVILLE, CA

FUDS PROJECT
J09CA067501 - Bomb Target, Buffer Zone, Remaining Land

PROJECT COMMENTS: What remains of the former Victorville PBR #1 is today divided into plots, ranging from 160 acres (owned by the state of California) to many 2 through 20 acre plots of various ownership. There remains no visible evidence of the weathered remains of the asphalt bomb target rings, as mentioned in the 1988 preliminary assessment. Aside from the two or three widely dispersed occupied dwellings present on site, the most obvious signs of human presence are the trails left by off road two and four wheeled drive vehicles

MMR AREA NAME: Practice Bomb Target

RMIS Range ID: J09CA067501R01

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
BOMBING	1942	1948	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Residential - Single Family	1948	N/A

ACREAGE:

Land:	649
Tidal Water:	0
Inland Water:	0
Total:	649
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	649
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	III
Hazard Probability:	B
RAC Score:	3

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19420101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: The land is vacant desert.

COMMENTS: This range was an Army Air Force precision bomb target. Based upon the results of numerous field investigations, it was determined that almost all practice bombs landed within a 3,000-foot radius of the central aiming point on this type of range. The range extends pasts the original property boundary.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
BOMBS, PRACTICE(CTT10)	M38A2, Practice Bomb, 100 lbs	194201	194801
BOMBS, PRACTICE(CTT10)	Spotting Charge, M1A1	194201	194801

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known access controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	State of California		NO	NO
O	Multiple ownership		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	San Bernardino	CA	UNITED STATES
CT	Victorville	CA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: ROLLING WITH GORGES OR GULLIES

VEGETATION: BARREN OR LOW GRASS

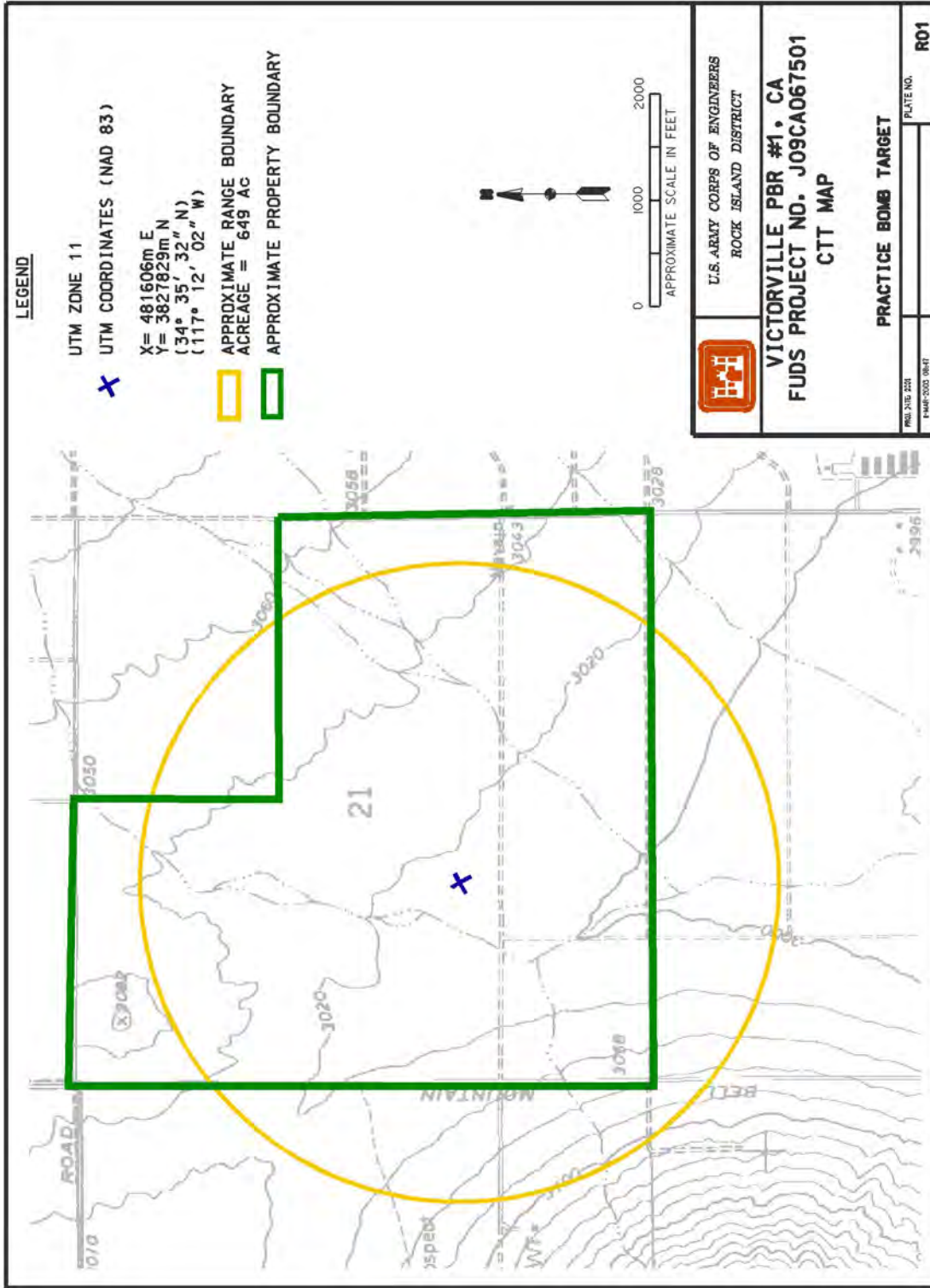
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM: NAD83
UTM X: (meters) 481606.00
UTM Y: (meters) 3827829.00
UTM ZONE: 11
Latitude: 34° 35' 31" N
Longitude: 117° 12' 2" W

RANGE MAP: CA9799F5660_CTT_MAP_01_20020702.JPG



APPENDIX B—PART 3
Victorville PBR No. 1 Risk Assessment



RISK ASSESSMENT PROCEDURES FOR
MILITARY MUNITIONS RESPONSE PROJECTS

Property Name: VICTORVILLE PBR NO 1 Raters Name: CEMVS-ED-DO
Range Name: Practice Bomb Target
Property Location: 8 MILES NE OF Phone: 309-794-5504
VICTORVILLE, CA
DERP Project #: J09CA067501 Organization: CEMVR-ED-DO
Property Type: FUDS Date Completed: May 01, 2003
Score: 3

RISK ASSESSMENT

This risk assessment (RAC) procedure was developed to address explosives safety hazards related to munitions. This procedure does not address environmental hazards associated with munitions constituents. The U.S. Army Engineering and Support Center, Huntsville (USAESCH), Ordnance and Explosives Directorate (CEHNC-OE) developed this procedure in accordance with MIL STD 882C and AR 385 10. The Risk Assessment Code (RAC) score will be used by the U.S. Army Corps of Engineers to prioritize the response action(s) at Formerly Used Defense Sites (FUDS). The risk assessment should be based on the best available information resulting from record searches, reports of Explosive Ordnance Disposal (EOD) actions, field observations (site visits), and interviews. This information is used to assess the risk involved based on the potential MMR hazards identified for the project. The risk assessment evaluates two factors, hazard severity and hazard probability.

PART I. Hazard Severity. Hazard severity categories are defined to provide a qualitative measure of the worst credible event resulting from personnel exposure to various types and quantities of unexploded ordnance.

TYPE OF ORDNANCE: (Check all that apply)

A. InvestiConventional Ordnance and Ammunition

Other explosive item not previously stated	10
Bombs, explosive	10
Landmine, explosive	10
Rockets, guided missile, explosive	10
Grenades, hand or rifle, explosive	10
Explosive Projectiles (20 millimeter and larger)	10
Detonators, blasting caps, fuzes, boosters, bursters	6
Bombs, practice (w/spotting charges)	6
Practice ordnance (w/spotting charges)	4
Small arms (ball only or blank), complete round (.50 cal or less)	1
Small arms (ball only or blank), expended (.50 cal or less)	0
Practice ordnance (w/o spotting charges)	0
InvestiConventional Ordnance and Ammunition (Largest single value)	6

What evidence do you have regarding conventional unexploded ordnance?

No evidence

B. Pyrotechnics

Munition containing White Phosphorus (WP) or other pyrophoric material (i.e., spontaneously flammable)	10
Munition containing a flame or incendiary material (i.e., Napalm, Triethylaluminum metal incendiaries)	10
Containers containing WP or other pyrophoric material or flame or incendiary material	6
Flares, signals, simulators, screening/burning smokes (other than WP)	4
Pyrotechnics (Largest single value)	0

What evidence do you have regarding pyrotechnics?

No evidence

C. Bulk High Explosives

Primary or initiating explosives (Lead Styphnate, Lead Azide, Nitroglycerin, Mercury Azide, Mercury Fulminate, Tetracene, etc.)	10
Secondary Explosives (Demolition Charges, PETN, Compositions A, B, C, Teteryl, TNT, RDX, HMX, HBX, Black Powder, etc.)	8
Insensitive explosive substances (explosive contaminated soils, ammonium nitrate,	3
Bulk High Explosives (Largest single value)	0

What evidence do you have regarding bulk explosives?

No evidence

D. Bulk Propellants

Solid or Liquid Propellants	6
Bulk Propellants (Largest single value)	0

What evidence do you have regarding bulk propellants?

No evidence

E. Chemical Warfare Material (CWM) and Radiological Weapons

Toxic Chemical Agents (H-Mustard, G-Nerve, V-Nerve and L-Lewisite)	25
Chemical Agent Identification Sets	20
Radiological Materiel (If rad waste is identified, please call the HTRW-CX at (402) 697-2555)	15
Weaponized Industrial Chemicals (Hydrogen Cyanide AC; Cyanogen Chloride, CK; Phosgene, CG)	10

Riot Control Agents (vomiting, tear)	5
Chemical Warfare Material (CWM) and Radiological Weapons (Largest single value)	0

What evidence do you have regarding chemical/radiological OEW?

No evidence

Total Hazard Severity value: 6

Hazard Severity

Description	Category	Hazard Severity Value
CATASTROPHIC	I	21 OR GREATER
CRITICAL	II	10 TO 20
MARGINAL	III	5 TO 9
NEGLIGIBLE	IV	1 TO 4
*** NONE	V	0

* IF HAZARD SEVERITY IS 0, YOU DO NOT NEED TO COMPLETE PART II OF THIS FORM.

Proceed to Part III and use a RAC score of 5 to determine your appropriate action.

PART II. Hazard Probability. The probability that a hazard has been, or will be, created due to the presence and other rated factors of unexploded ordnance, explosives, incendiary, pyrotechnic, radiological, or RCWM materials on a formerly used Department of Defense (DOD) site.

AREA, EXTENT, ACCESSIBILITY OF OEW HAZARD

(Check all that apply)

A. Location of OEW Hazards

On the surface	5
Within tanks, pipes, vessels or other confined areas	4
Inside walls, ceilings, or other building/structure	3
Subsurface	2
Location of OEW Hazards (Largest single value)	5

What evidence do you have regarding location of OE?

No evidence

B. Distance to nearest inhabited location/structure likely to be at risk from OE hazard

Less than 1,250 feet	5
1,250 feet to 0.5 mile	4
0.5 mile to 1.0 mile	3
1.0 mile to 2.0 Miles	2
Over 2 miles	1
Distance to nearest inhabited location/structure likely to be at risk from OE hazard (Largest single value)	5

What are the nearest inhabited structures/buildings?

None

C. Number of buildings within a 2 mile radius measured from the OE hazard area, not the installation boundary

26 and over	5
16 to 25	4
11 to 15	3
6 to 10	2
1 to 5	1
0	0
Number of buildings within a 2 mile radius measured from the OE hazard area, not the installation boundary (Largest single value)	3

Narrative

No narrative

D. Types of Buildings

Educational, child care, residential, hospitals, hotels, commercial, shopping centers	5
Industrial, warehouse, etc.	4
Agricultural, forestry, etc.	3
Detention, correctional	2
No buildings	0
Types of Buildings (Largest single value)	5

Describe the types of buildings

No description

None

E. Accessibility to site refers to access by humans to ordnance and explosives. Use the following guidance

No barrier nor security system	5
Barrier is incomplete (e.g., in disrepair or does not completely surround the site).	4
Barrier is intended to deny egress from the site, as for a barbed wire fence for grazing.	
A barrier (any kind of fence in good repair) but no separate means to control entry. Barrier is intended to deny access to the site.	3
Security Guard, but no barrier	2
Discontinued Question (Isolated Site)	0
A 24-hour surveillance system (e.g., television monitoring or surveillance by guards or facility personnel continuously monitors and controls entry; or, an artificial or natural barrier (e.g., fence combined with a cliff) which completely surrounds the ar	0
Accessibility to site refers to access by humans to ordnance and explosives. Use the following guidance (Largest single value)	5

Describe the site accessibility

No description

F. Site Dynamics - This deals with site conditions that are subject to change in the future, but may be stable at the present. Examples would be excessive soil erosion on beaches or streams, increasing land development that could reduce distances from the site to inhabited areas or otherwise increase accessibility

Expected	5
None Anticipated	0

Site Dynamics - This deals with site conditions that are subject to change in the future, but may be stable at the present. Examples would be excessive soil erosion on beaches or streams, increasing land development that could reduce distances from the site to inhabited areas or otherwise increase accessibility (Largest single value) 0

Describe the site dynamics

No description

Total Hazard Probability value: 23

TABLE 2		
HAZARD PROBABILITY		
Description	Level	Hazard Probability Value
FREQUENT	A	27 or greater
PROBABLE	B	21 to 26
OCCASSIONAL	C	15 TO 20
REMOTE	D	8 to 14
IMPROBABLE	E	Less than 8
* Apply Hazard Probability Level to Table 3.		

Part III - Risk Assessment. The risk assessment value for this site is determined using the following table.					
Table 3					
PROBABILITY LEVEL	FREQUENT A	PROBABLE B	OCCASSIONAL C	REMOTE D	IMPROBABLE E
SEVERITY CATEGORY:					
CATASTROPHIC I	1	1	2	3	4
CRITICAL II	1	2	3	4	4
MARGINABLE III	2	3	4	4	4
NEGLIGIBLE IV	3	4	4	4	4
NONE (V) = RAC 5					

RISK ASSESSMENT CODE (RAC)

RAC 1-4 Recommend and approve further action as appropriate. Refer to EP 1110-1-18 for discussion of MMR Projects and the process to be followed for project execution.

RAC 5 Usually indicates that No DOD Action Indicated (NDAI) is necessary. Recommend and approve NDAI and follow instructions for project closeout in accordance with current program guidance.

PART IV. Narrative. Summarize the documented evidence that supports this risk assessment. If no documented evidence was available, explain all the assumptions that you made.

No Narrative

APPENDIX B—PART 4
1996 Archives Search Report—Victorville PBR No. 1





US Army Corps
of Engineers
Rock Island District

111 total pages



FINAL
DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
for
FORMERLY USED DEFENSE SITES
ORDNANCE AND EXPLOSIVES

ARCHIVES SEARCH REPORT

FINDINGS

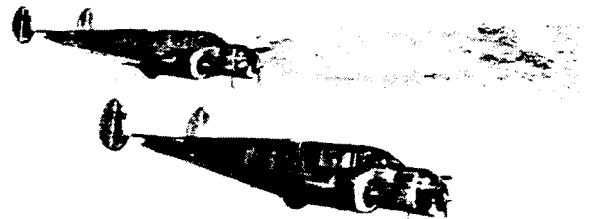
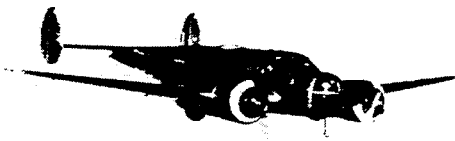
FOR THE FORMER

VICTORVILLE PBR # 1

VICTORVILLE, CALIFORNIA

OE PROJECT NUMBER J09CA067501

SEPTEMBER 1996



200-1e

J09CA067501_01.02_0001_e

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
for
FORMERLY USED DEFENSE SITES

FINDINGS

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
FORMER VICTORVILLE PBR # 1
VICTORVILLE, SAN BERNARDINO COUNTY, CALIFORNIA
OE PROJECT NUMBER J09CA067501

July 1996

Prepared For
U.S. Army Engineering and Support Center
Huntsville
P. O. Box 1600
ATTN: CEHNC-OE
Huntsville, Alabama 35807-4301

Prepared by
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and

U.S. Army Defense Ammunition
Center and School
ATTN: SIOAC-ESL
Savanna, Illinois 61074-9639

ORDNANCE AND EXPLOSIVES
 ARCHIVES SEARCH REPORT
 FOR
 FORMER VICTORVILLE PBR # 1
 SAN BERNARDINO COUNTY
 VICTORVILLE, FLORIDA
 OE PROJECT NUMBER J09CA067501

ACKNOWLEDGEMENT				
The following persons provided support as indicated:				
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*Team Leader

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
FORMER VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

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ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
FORMER VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

1. INTRODUCTION

a. **Subject and Purpose**

(1) This report presents the findings of an historical records search and site inspection for present-day ordnance and explosives (OE) presence at the former Victorville Precision Bombing Range (PBR) # 1, Victorville, California (see plate 1 for general location map). The OE investigation was conducted under the authority of the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP FUDS).

(2) The investigation focused on the center 20 acres of the 560-acre PBR site, since this was the location of the actual asphalt target and would be the most probable location of present-day OE.

(3) The purpose of this investigation was to characterize the site for potential present-day OE contamination, to include conventional ammunition and chemical warfare material (CWM). The investigation was conducted by experienced ordnance experts through thorough evaluation of historical records, interviews, and on-site visual inspection results.

b. **Scope**

(1) This report presents the site history, site description, real estate ownership information, and confirmed ordnance presence (prior to and after site closure), based on available records, interviews, site inspections, and analysis. The analysis provides a complete evaluation of all information to assess present-day potential ordnance contamination, where actual ordnance presence has not been confirmed.

(2) For the purpose of this report, OE contamination consists of live ammunition, live ammunition components, CWM or explosives which have been lost, abandoned, discarded, buried, fired, or thrown from demolition pits or burning pads. These items were either manufactured, purchased, stored, used, and/or disposed of by the War

Department (WD)/Department of Defense (DOD). Such ammunition and components are no longer under accountable record control of any DOD organization or activity.

(3) OE includes "explosive soil", which refers to any mixture in soil, sands, clays, etc., such that the mixture itself is explosive. Generally, 10 percent or more by weight of secondary explosives in a soil mixture is considered explosive soil. Expended small arms ammunition (.50 caliber or smaller) is not considered OE contamination.

2. PREVIOUS INVESTIGATIONS

a. **1988 Preliminary Assessment**

(1) A 1988 assessment of the 560-acre FUDS was performed by a team from Earth Technology Corporation on 7 December, under the direction of the U.S. Army Corps of Engineers (USACE), Los Angeles District (see document at E-2). A 28 April 1994 Findings and Determination of Eligibility (FDE) has been signed, showing the site (J09CA067500) had been formerly used by the War Department/Department of Defense (WD/DOD) and one OE project was eligible under the DERP FUDS for further assessment (see document at E-1).

(2) In the accompanying 23 June 1994 Project Survey Summary Sheet (OE Project J09CA067501), the OE project was referred to the Corps' Mandatory Center of Expertise (MCX), Huntsville (see document E-3). The recommendation of the 1988 assessment is summarized in Table 2-1.

TABLE 2-1 DERP-FUDS PRELIMINARY ASSESSMENT PROJECTS				
Project Number	DERP Category	Present Phase	Comments	Location
J09CA067501	OE	SI	Assess for present-day OE contamination	Entire site
None	HTRW	--	None recommended	
None	BD/DR	--	None recommended	

b. **Other Investigations**

No other investigations were uncovered during this assessment.

3. SITE DESCRIPTION

a. Existing Land Usage

(1) Today, the 560 acres are divided into plots, ranging in size from 160 acres (owned by the state of California) to many 2 through 20-acre plots of various ownerships (see documents G-1 and G-2).

(2) In 1996, there is no visible evidence of the weathered remains of the asphalt bomb target rings, as was mentioned in the 1988 preliminary assessment (see document E-2). Aside from the two or three widely-dispersed occupied dwellings present on the site, the most obvious signs of 1996 human presence are the trails left by off-road two- and four-wheeled vehicles, the bullet-riddled metal cans used for civilian target practice, and some trash and debris piles (see photos at J-3, J-6, and J-7). Table 3-1 depicts the current use.

TABLE 3-1 CURRENT LAND USAGE					
AREA	FORMER USAGE	PRESENT OWNER	PRESENT USAGE	ACREAGE	COMMENTS
A	Bomb Target	Various	Undeveloped land	20.00	See plate 3
B	Target Buffer	Various	Undeveloped land	150.00	See plate 3
C	Remaining Land	Various	Undeveloped land/ a few dwellings	390.00	See plate 3
				560.00	TOTAL

b. Climatic Data

(1) The information in section 3, paragraphs b.(2) through g. was obtained primarily from reference B-7.

(2) The overall climate in this portion of San Bernardino County is warm and semi-arid to arid. There is one wet season during the year, as 90 percent of all precipitation falls from October through April. Summers are cloudless, hot, and dry. Winters are mild and semi-arid to arid.

c. Topography

The former PBR # 1 is situated in the Mojave Valley and is relatively flat, with an average elevation of 1850 feet.

d. Geology and Soils

The surface material is undifferentiated Holocene alluvium. The predominant soil on the site is Cajon sand, a very deep, somewhat excessively drained soil. Permeability is rapid and water capacity is low. Runoff is slow and water erosion is slight.

e. Hydrology

Due to the dry climate and rapid permeability of the soil, there are no streams on the site. No dry streams, gullies, or rills were noted during the site inspection.

f. Natural Resources

The desert tortoise, a federally-listed endangered species, is likely to be present within the site (see document at F-1). No other threatened or endangered species have been specifically cited within the site.

g. Historical/Cultural Resources

There are five historical or archeological sites specifically designated by the California State Historical Preservation Office (SHPO) for this site (see map at G-3). Before any intrusive activities are initiated on the site, coordination with the SHPO must be accomplished (reference B-15).

TABLE 3-2 NATURAL AND CULTURAL RESOURCES		
Resource Classification	Type	Comment
Wildlife	Desert Tortoise	Endangered
Vegetation		None identified
Historical/Cultural	Structure Site Refuse Disposal Site	Coordinate with SHPO

4. HISTORICAL ORDNANCE PRESENCE

a. Chronological Site Summary

(1) In May 1942, 400 acres were obtained by lease from private land owners. Later, another 160 acres were transferred from the U.S. Department of the Interior to the WD through Public Land

Order 125 (see document at F-2). The site was used as a practice bombing area by the Army Air Forces based at Victorville Airfield.

(2) The lease on the 400 acres acquired from private land owners was terminated in December 1942. On 1 November 1948, the 160 acres were transferred back to the U.S. Department of the Interior by a letter of transfer (see document at F-2).

(3) Currently, the site is divided into approximately 51 parcels (see document at G-1). There are no DOD improvements existing on the site. A few occupied civilian dwellings are present on the site. It was obvious from the site inspection that, although the land is broken up into parcels of various ownerships and is mostly undeveloped, the primary use is by recreational, off-road vehicles and for target practice (see photographs at J-3 and J-7).

b. Ordnance-Related Records Review

(1) Research efforts began with a review of all reports, articles, historical documents, and reference materials gathered during the archival records search. During this review, an effort was made to focus on those land areas having the highest potential for present-day OE contamination, as described in the OE project summary sheet, as well as any additional areas which may have been identified during research.

(2) A collection of documents, including drawings, maps, correspondence, reports, and various other records which might prove appropriate to the former PBR #1 was reviewed by the site inspection (SI) team.

(3) Specific information on the exact munitions used at PBR # 1 was not located by either the archival records search team or the SI team. However, a 1948 letter was located by the archival records search team which indicates EOD deduded this site (see document at F-2).

(4) Documents pertaining to the Victorville Army Flying School were reviewed to ascertain whether information relating specifically to the subject FUDS could be gleaned. Although information on storage structures, troop barracks, etc. was obtained, nothing specifically relating to PBR # 1 was located.

(5) Correspondence relating to land purchases for the bombing ranges supporting the Air Corps Advanced Flying School No. 4, Victorville, was reviewed. Nothing in this correspondence specifically addressed the subject FUDS--PBR # 1.

(6) A review of a 1969 aerial photograph of the subject FUDS revealed a very faint outline of the bomb target (see photo at K-1). No other photographs were located which showed the bomb target. A 1989 aerial photograph of the subject FUDS does not show any such bomb target remaining (see photo at K-2).

(7) The SI team reviewed the historical records information for mention of EOD actions related to the subject FUDS, with negative results. The SI team visited the local, supporting EOD unit for information on responses over the years to the subject FUDS. This, too, met with negative response.

(8) Specific sources that were checked in the search for any mention of specific bombing aircraft, assigned units, and/or the specific type(s) of munitions used at the bomb target, included:

National Archives	Regional Archives
Local Highway Patrol Office	Local Police Department
County Court House	State and Local Libraries
Sheriff's Department	Bureau of Land Management

c. Interviews with Site-Related Personnel

(1) SFC Dennis White, 259th Ordnance Detachment (EOD), Fort Irwin, was contacted at his office. SFC White reiterated information he had already given Mrs. Shirley Daniels, USATCES, about there having been no responses to this FUDS by his unit (see interview at I-1)

(2) The California Highway Patrol, Victorville, was visited. The desk sergeant stated to the SI team that his unit has never responded to any OE discoveries at this FUDS (see interview at I-2).

(3) The Sheriff's Office, Victorville, was contacted. A deputy stated, through the intercom with the front desk, that his office has never responded to any OE discoveries at the FUDS (see interview at I-3).

(4) Mr. Edward Laska was interviewed by a member of the SI team. Mr. Laska was aware of the site, but he had no specific information related to present-day OE presence (see interview at I-4).

(5) Mr. Wayne Fowlie was interviewed by a member of the SI team. Mr. Fowlie was aware of the site, but he had no specific information related to present-day OE presence (see interview at I-5).

5. SITE ELIGIBILITY

a. Confirmed Formerly Used Defense Site

Former land usage and legal possession by the WD/DOD was confirmed for the entire 560-acre site, as summarized in section 4.a. of this report.

b. Potential Formerly Used Defense Sites

No additional acreage for this FUDS was located and no other previously unknown sites were discovered during this site visit.

6. VISUAL SITE INSPECTION

a. General Procedures and Safety

(1) During the period 16 April through 19 April 1996, members of the SI team performed an OE assessment of the former PBR # 1, Victorville, California. The primary task of the team was to assess the site for present-day OE contamination, as a result of its former WD/DOD use. The inspection was limited to nonintrusive methods; i.e., subsurface sampling was neither authorized nor performed.

(2) A site safety and health plan (SSHP) was developed and utilized by the assessment team to assure safety from injury during the site inspection (see reference B-3). Prior to the inspection, a briefing was conducted which stressed that OE should be handled by military EOD personnel only.

(3) Prior to the site visit, a thorough review of all available reports, historical documents, texts, and technical ordnance reference materials gathered during the historical records search was made to ensure awareness of potential ordnance types and associated hazards.

b. Area A: Bomb Target

(1) This 20-acre area was the site of three concentric asphalt circles, which denoted the target for which the pilots would aim when dropping their practice bombs (see document at E-1 and plates 2 and 3). The PBR #1 bomb target was near the center of the 560-acre FUDS. It has been reported that as late as 1988, the asphalt circles were still faintly visible on this FUDS. The INPR of the same year mentioned that the weathered circles were visible during the inspection (see document at E-2). Although a 1989 aerial photograph fails to conclusively disclose a bomb target location, a 1969 aerial photograph does show very faint concentric circles, denoting a bomb

target (see photographs K-1, K-2 and plate 2). The SI team relied heavily on target location information contained in the 1969 photo, since no documents other than the 1969 photo at K-1 were discovered which conclusively located the asphalt target in Area A.

(2) The OE SI team drove to the general center of the site and began a search for remnants of the asphalt circles and OE. The team found neither any trace of the asphalt circles nor any OE. The team did locate evidence of heavy usage of the site by recreational two- and four-wheeled vehicles (see photograph at J-3). Additionally, hundreds of bullet-riddled metal cans were seen, indicating use by civilians as a weekend target practice site (see photograph at J-7).

c. Area B: Target Buffer Zone

(1) The two SI team members independently walked much of Area B and later drove a vehicle over most of Area B without finding any OE.

(2) During the ground search and the vehicle search of Area B, the team again located evidence of high usage of the site by recreational two- and four-wheeled vehicles, and bullet-riddled metal cans, indicating extensive use of the FUDS for civilian recreation (see photographs J-3 and J-7).

d. Area C: Remaining Land

(1) The SI team walked portions of the northern part of Area C and found one munitions-related item--a twisted and half-buried rear portion of an M38A2 100 lb., sand-filled practice bomb. Using a global positioning system (GPS), the team determined the exact location of the OE discovery as 34 degrees, 35 minutes, 80 seconds North; 117 degrees, 12 minutes, 20 seconds West (see plate 3 for the OE location and document D-1 for a drawing of the item).

(2) The SI team also walked portions of the southerly portion of Area C and discovered on the southern boundary of the site the remnants of one spotting charge used in the M38A2 practice bomb (see plate 3 for the location of the discovered OE).

(3) Again, Area C (like Areas A and B) has signs of heavy usage by recreational two- and four-wheeled vehicles and by civilian target practice enthusiasts (see photographs J-3, J-7 and J-8).

7. EVALUATION OF ORDNANCE PRESENCE

a. General Procedures

(1) Each area (subsite) was evaluated to determine confirmed OE contamination, potential OE contamination, or a lack of OE contamination since site closure. Confirmed OE contamination is based on verifiable historical evidence or direct witness of OE. Verifiable historical record evidence consists of OE located on-site since site closure and documented by local bomb squads, military EOD teams, newspaper articles, correspondence, and current findings. Direct witness of OE consists of the site inspection team directly locating OE by visual inspection. Additional field data is not needed to identify a confirmed OE-contaminated area (subsite).

(2) Potential OE contamination is based on a lack of confirmed OE presence since site closure. Potential OE contamination is inferred from records, on-site observations, and interviews. Inference from historical records would include common practice in production, storage, training, or disposal at that time, which could have allowed present-day OE contamination. Potential OE contamination could also be inferred from indirect witness (hearsay), and from present-day site features. Corroborative data is needed to verify that an area has potential OE contamination.

(3) Uncontaminated OE areas are based on a lack of confirmed or potential OE presence. Historical records and present-day site inspections do not indicate confirmed or potential OE contamination. There is no reasonable evidence, either direct or inferred, to suggest present-day confirmed or potential OE contamination. Additional field data is not needed to assess uncontaminated ordnance areas.

b. Area A: Bomb Target

(1) **Area A is considered potentially contaminated.** The archival records search team located one 1969 aerial photograph which discloses very faint concentric circles, denoting a bomb target. Neither the records search team nor the SI team located any other maps or documents to confirm the exact location of the practice bomb target. The two SI team members independently walked much of Area A without directly locating any remnants of the asphalt bomb target. Within the 1988 INPR performed by Earth Technology, mention is made of the weathered asphalt bomb target circle being visible (see document at E-2). However, no target is visible from a 1989 aerial photograph of the site and is only very faintly visible in the 1969 aerial photograph (see aerial photographs at K-1 and K-2).

(2) The Earth Technology team which performed the 1988 INPR also wrote of finding metal fragments "scattered throughout the site."

The SI team walked most of Area A and failed to find any munitions-related item. The team later drove a vehicle over most of Area A without discovering any OE. But, because of the manner of recent use of the FUDS by civilians, it is probable that some or most surface and subsurface OE originally located on/in Area A was disturbed and/or moved to Areas B and C.

(a) A 1948 document obtained by the historical research section, shows that the entire site was dedudded and "free of explosives or explosive objects reasonably possible to detect by visual inspection" (see document at F-2). It is possible that some munitions-related items went undetected by the dedudding team.

(b) Photographs of the site taken by the SI team show both extensive recreational vehicle tracks throughout Area A and evidence that portions of Area A have, in the past, been used and are presently still being used by civilians for small arms target practice ("plinking"), suggesting periodic disturbance of foreign objects (possibly OE) on the ground surface (see photographs at J-3 and J-7).

(2) Considering the use to which the site (including Area A) has been subjected over recent years, it is highly probable that OE has been moved from its original resting place and may be in any of the Areas A, B, or C.

c. Area B: Target Buffer Zone

(1) **Area B is considered potentially contaminated.** During the ground search of this area, no munitions-related item was discovered.

(2) Because of the manner of recent use of the FUDS by civilians, compelling reasons exist to suggest the presence of OE on Area B.

(3) It is highly probable that the munitions item discovered by the SI team on the southern boundary of the site (part of Area C) was not always at that location. Civilian recreational use of the site would suggest that most foreign objects on the surface have been disturbed and moved over time.

d. Area C: Remaining Land

(1) **Area C is considered contaminated.** During the ground search and the vehicle search of this area, two munitions-related items were discovered by the team.

(2) It is highly probable that more OE exists somewhere on Area C. Just as on Areas A and B, visible off-road tire tracks and trails from motorcycles and four-wheel vehicles were evident on Area C.

(3) High usage by such recreational participants suggests the occasional removal of OE from the site, or at least the disturbance of surface OE within the site. Such disturbance would indicate that any munitions item discovered in 1996 would likely be a rediscovery of an earlier discovery. There is little or no assurance that the munitions items discovered in Area C are not also in Areas A and B.

8. SITE ORDNANCE TECHNICAL DATA

a. End Item Technical Data

Table 8-1 has been developed, showing the likely ordnance item used on the practice bomb target range and its explosive/chemical filler(s).

TABLE 8-1 AMMUNITION USED AND EXPLOSIVE/CHEMICAL FILLERS			
Item	Model/Type	Filler/Weight	Fuze Type
Bomb, Practice 100 lb. w/spotting charge	M38A2	Sand (inert) 100 lbs. 3 lb. black powder	--

b. Chemical Data of Ordnance Fillers

Table 8-2 lists the chemical compounds of the item in Table 8-1.

TABLE 8-2 CHEMICAL DATA OF ORDNANCE FILLERS		
Explosive Material	Synonym	Chemical Compound
Black Powder		
74% Potassium Nitrate	Salt Peter; Niter	NIK on
11% Sulfur	-	S
16% Charcoal	-	C

9. OTHER ENVIRONMENTAL HAZARDS

a. Hazardous, Toxic, and Radiological Waste (HTRW)

There are no HTRW hazards known to exist on this FUDS.

b. Building Demolition/Debris Removal (BD/DR)

During the period that Victorville Precision Bombing Range # 1 was under WD/DOD control, improvements consisted of frame butts and appurtenances, fences, gates, and the asphalt target rings. None of these improvements now exist.

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY, CALIFORNIA
PROJECT NUMBER J09CA067501

APPENDIX A

REFERENCE SOURCES

Reference Sources

The following organizations/personnel are acknowledged for their support

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES			
<u>Department of Defense</u>			
Historical Accident Data Base 2461 Eisenhower Avenue Alexandria, VA 22331-0600	Computer Search (DDESB)	(703) 325-8624	No information found on this site.
Defense Library On Disk Pentagon Library, Room 1A518 Washington, DC 20301-6000	Computer Search (DLOD)	(703) 697-4658	No information found on this site.
Defense Logistics Studies Information Exchange U.S. Army Logistics Management College Ft. Lee, VA 23801	Computer Search (DLSIE)	(804) 734-4007	No information found on this site.
Defense Technical Info Center Cameron Station Alexandria, VA 22304-6145	Computer Search (DTIC)	(202) 274-7633 (312) 922-6571	No information found on this site.
Defense Mapping Agency ATTN: PMSC 6001 McArthur Blvd Bethesda, MD 20816	James Ferguson	(301) 227-2495 DSN 287-2495	Source of topographical and aeronautical charts.
<u>Department of Defense</u>			
Army			
Army Safety Management Information System Fort Rucker, AL 36322	Computer Search (ASMIS)	(205) 255-6485	No information found on this site.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
Department of Defense (continued)			
Army (continued)			
Aberdeen Proving Ground Ordnance Museum Aberdeen Proving Ground, MD 21005	Roger Godin	DSN 298-3602	Source of old Army ordnance and Navy publications.
Center of Military History ATTN: DAMH-RAS 1099 14th Street N.W. Washington, DC 20536	Contractor	(202) 761-5416	See Appendix B, Section II, Parts A and B.
Office of History ATTN: AMSIO-EAH Rock Island Arsenal Rock Island, IL 61299-5000	Tom Slattery	(309) 794-1450	No information found on this site.
Rock Island Arsenal Museum Rock Island, IL 61299-6000	Kris Gayman Leinicke	(309) 794-5021 DSN 793-5021	Technical information furnished for USATCES reference area.
U. S. Marine Corps EOD Unit, MCAGCC 29 Palms, CA 92272	Sgt. Meyer	(619) 830-7215	No information found on this site.
U.S. Army Chemical & Biological Defense Command Historical Division Aberdeen Proving Ground, MD 21010	Kathleen Ciolfi	(410) 671-4430	Chemical information database furnished.
U.S. Army Chemical Corps Museum ATTN: ATZN-CM-MM Bldg 2299 Fort McClellan, AL 35205	Sgt Maj Murray	(205) 848-6555	Reference source only. Nothing found on this site.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
<u>Department of Defense (continued)</u>			
<u>Army (continued)</u>			
U.S. Army Chemical School Fisher Library, Building 1081 Ft. McClellan, AL 36205-5000	Dick Pastorett	(205) 848-4414 DSN 854-4414	Many documents are available that apply to chemical, biological and nuclear subjects if needed.
U.S. Army Technical Center for Explosives Safety ATTN: SIOAC-ESL Savanna, IL 61074-9639	Reference Center	(815) 273-8749	Excerpts from airport directory, U.S. Military History Institute, Carlisle Barracks.
U.S. Army Technical Center for Explosives Safety ATTN: SIOAC-ESM Savanna, IL 61074-9639	Technical Library	(815) 273-8771	Technical reference sources.
U.S. Army, 259th Ordnance Disposal Unit Ft. Irwin Barstow, CA 92301-5051	SGT 1st Class Marshall White	(619) 380-4092	(See interview at I-1).
U.S. Army 70th Explosive Ordnance Disposal Unit P.O. Box 6376 San Diego, CA 92166	Sgt. McFarlen	(619) 553-8500 DSN 553-8500	Not responsible for this area of California.
U.S. Military History Institute Photo Archives Carlisle Barracks Carlisle, PA 17013	Mike Winey	(717) 245-3434 DSN 242-3434	No information on this site.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
<u>Department of the Defense (continued)</u>			
Army (continued)			
U.S. Military History Institute Textual Archives Carlisle Barracks Carlisle, PA 17013	Richard Sommers	(717) 245-3601 DSN 242-3601	No information on this site.
U.S. Military History Institute Carlisle Barracks, Bldg 22 Carlisle, PA 17013-5003	Dennis Vetock John Slonaker	(717) 245-3611 DSN 242-3611	Miscellaneous information.
USACE, Los Angeles District 300 North Los Angeles St. Room 6003 Los Angeles, CA 90024	Deborah Castens	(213) 894-2865	Obtained copies of documents.
USACE, Los Angeles District 300 North Los Angeles St. Room 6003 Los Angeles, CA 90024	Greg Boghossian	(213) 894-3760	Greg is program manager for FUDS/BRAC at this district.
USACE, Los Angeles District 360 East 2nd Street Room 501 Los Angeles, CA 90012	Richard Nagle	(213) 894-2951	Real estate maps.
USACE, Los Angeles District Real Estate Div 360 East 2nd Street Room 508 Los Angeles, CA 9001	Deloris Henderson	(213) 894-5583	Real estate information.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

Department of Defense (continued)

Army (continued)

USACE Office of History 7701 Telegraph Road Alexandria, VA 22310-3865	Contractor	(703) 355-3558	See Appendix B, Section II, Parts A and B.
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Department of Defense

Air Force

AFHRA/Air University Library 600 Chennault Circle Maxwell AFB, AL 36112-6424	Leroy Bell	(205) 953-2888 DSN 493-2888	No information found on this site.
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U.S. Air Force History Research Agency 600 Chennault Drive Maxwell AFB, AL 36112-6424	IRIS System	(205) 953-2439	Reports of histories and George AFB. See Appendix B, Section III, Parts A and B.
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U.S. Air Force History Research Agency 600 Chennault Drive Maxwell AFB, AL 36112-6424	CPT. Petters	DSN 493-2437 (205) 953-2437	See Appendix B, Section III, Parts A and B.
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U.S. Air Force Museum P.O. BOX 1903 Wright-Patterson AFB, OH 45433	Reference	(513) 555-3286 DSN 785-3286	No information found on this site.
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U.S. Air Force, 1st Camera Squadron DET9, 1CTCS/DOV 3720 Fetchet Ave Andrews AFB, MD 20331	James Ferguson	(301) 981-2257	Source of aerial photos.
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**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
<u>Department of Defense (continued)</u>			
<u>Navy (continued)</u>			
Marine Corps Historical Center Building 58 Washington Navy Yard Washington, DC 20374	Contractor	(202) 433-3483	See Appendix B, Section II, Parts A and B.
Naval Construction Battalion Center 621 Pleasant Valley Road Port Hueneme, CA 93032	Vince Transano	(805) 982-5913	No information found on this site.
Naval Historical Center Building 57 Washington Navy Yard Washington, DC 20374	Contractor	(202) 433-3171	See Appendix B, Section II, Parts A and B.
U.S. Marine Base Explosive Ordnance Disposal Unit Twenty-nine Palms, CA 92272	Sgt. Phillips	(619) 830-7215	Not responsible for this area. Referred us to Ft. Irwin.
<u>National Archives and Record Administration</u>			
National Archives Records Center ATTN: Military Records 9700 Page Avenue St. Louis, MO 63132	Bill Siebert Wilson Sullivan	(314) 538-4085	See Appendix B, Section III, Parts A and B.
National Archives Federal Records Center 1000 Commodore Drive San Bruno, CA 94066	Barbara Bepler	(415) 876-9001	See Appendix B, Section III, Parts A and B.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

National Archives and Records Administration (continued)

National Archives Federal Records Center 2400 Avila Road Laguna Niguel, CA 92607-6719	Greg Pearman	(714) 643-4220	See Appendix B, Section III, Parts A and B.
National Archives Archives I (Navy) Pennsylvania Avenue & 7TH Washington, DC 20408	Contractor	(202) 501-5385	See Appendix B, Section II, Parts A and B.
National Archives Archives I (Old Military) Pennsylvania Avenue & 7th Washington, DC 20408	Contractor	(202) 501-5385	See Appendix B, Section II, Parts A and B.
National Archives Archives II (Cartographic/Architect) 8601 Adelphi Road College Park, MD 20740	Contractor	(301) 713-7040	See Appendix B, Section II, Parts A and B.
National Archives Archives II (Civil Reference Branch) 8601 Adelphi Road College Park, MD 20740	Contractor	(301) 713-7250	See Appendix B, Section II, Parts A and B.
National Archives Archives II (Motion Picture Branch) 8601 Adelphi Road College Park, MD 20740	Contractor	(301) 713-7060	See Appendix B, Section II, Parts A and B.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
<u>National Archives and Record Administration (continued)</u>			
National Archives Archives II (Still Picture Branch) 8601 Adelphi Road College Park, MD 20740	Contractor	(301) 713-6660	See Appendix B, Section II, Parts A and B.
National Archives Archives II (Textual Branch) 8601 Adelphi Road College Park, MD 20740	Contractor	(301) 713-7250	See Appendix B, Section II, Parts A and B.
National Archives Federal Records Center 2400 Avila Road Laguna Niguel, CA 92656	Greg Pearman	(714) 643-4220	See Appendix B, Section III, Parts A and B.
National Archives Pacific Sierra Region 1000 Commodore Drive San Bruno, CA 94066	Lisa Miller	(415) 876-9009	See Appendix B, Section III, Parts A and B.
National Archives Pacific Southwest Region 2400 Avila Road Laguna Niguel, CA 92656	Suzanne Dewberry	(714) 643-4220	See Appendix B, Section III, Parts A and B.
National Archives Suitland Branch (Civil/Military) 4205 Suitland Road Suitland, MD 20409	Contractor	(301) 457-7190	See Appendix B, Section II, Parts A and B.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
<u>Library of Congress</u>			
Library of Congress Washington, DC 20536	Contractor	(202) 707-5522	See Appendix B, Section II, Parts A and B.
<u>Smithsonian Institute</u>			
Smithsonian Institution Historical Research Division Washington, DC 20560	Contractor	(202) 357-3133	See Appendix B, Section II, Parts A and B.
<u>Department of Agriculture</u>			
Aerial Photography Field Office P.O. Box 30010 Salt Lake City, UT 84131-0010	Sherrie Holyoak	(801) 975-3503	Source of USDA aerial photographs for post-1956 timeframe.
Consolidated Farm Service Agency North 13th Street West Lancaster, CA 93534	Doug Brand	(805) 942-9549	Source of aerial photos for the county.
Natural Resources Conservation Service 18484 Highway 18, Suite 195 Apple Valley, CA 92307	Jackie Lindgren Rick Aguay	(619) 242-2906	Soil survey for San Bernardino County and old aerial photos.
Natural Resources Conservation Service 222 East Main Street Barstow, CA 92311	Peter Fahnestock	(619) 256-5004	Referred to the Apple Valley office.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

Department of Commerce

NOAA, Air Force Weather Service
151 Patton Ave, Room 120
Asheville, NC 28801

Janet Wall

(704) 271-4404

Local Climatological Data.

NOAA, National Climatic Data Center
Federal Building
Asheville, NC 28801

Yolanda Goosch
Sam McCowan

(704) 271-4272

Climatology of U.S., NO. 60.

Department of the Interior

Bureau of Land Management
6221 Box Springs Boulevard
Riverside, CA 92507-0714

John Keyes

(909) 697-5383

Several documents on dedudding.

Bureau of Land Management
Barstow Resource Area
150 Coolwater Lane
Barstow, CA 92311

Tim Reab

(619) 255-8700

Real estate records for the
Victorville area.

U.S. Fish and Wildlife
2730 Loker Avenue West
Carlsbad, CA 92008

Beth Burr

(619) 431-9440

Referred to the local office in
Ventura, CA.

U.S. Fish and Wildlife Ecological
Service
2493 Portola Road, Suite B
Ventura, CA 93003

Ray Branfield

(805) 644-1766

Listing of endangered species,
plants and animals.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

Department of the Interior (continued)

U.S. Geological Survey, (ESIC) Box 25046, Bldg 810 Denver Federal Center Denver, CO 80225	Tim Hannon	(303) 202-4200	Aerials for all targets.
U.S.G.S. (DISTRIBUTION) Box 25286, Building 810 Denver Federal Center Denver, CO 80225	Customer Service	(303) 202-4700	Source of all topographical maps.
U.S.G.S. (ESIC) 507 National Center Reston, VA 22092	Customer Service	(703) 860-6045	No information ordered for this site.

State Agencies

California SHPO Archeological Information Center 2024 Orange Tree Lane Redland, CA 92374	Robin Laska	(909) 792-1497	Archeological and historical sites on site.
California State Archives 1020 East O Street Sacramento, CA 92415-0795	Mr. Metzger	(916) 653-2246	Referral.
California State Library 914 Capital Hall Library and Courts Building Sacramento, CA 94237-0001	John Gonzales	(916) 654-0176	No information found on this site.

Reference Sources

(continued)

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

State Agencies (continued)

California State University San Bernardino Library 5500 University Parkway San Bernadino, CA 92407-2397	Reference Librarian	(909) 880-5084 FAX: 880-7048	No information available on bombing targets.
--	------------------------	---------------------------------	---

County Agencies

San Bernardino County Archives 777 East Rialto Avenue San Bernardino, CA 92415-0795	Jim Hoffer	(909) 387-2030	Have vertical file of news articles, aerial photos and some maps.
San Bernardino County Assessor 172 West 3rd Street San Bernardino, CA 92415-0022	Recorded message	(909) 387-8307	Source for plat maps.
San Bernardino County Flood Control Planning 825 East 3rd Street San Bernardino, CA 92415	Gary Duncan	(909) 387-2529	Aerial photos for entire county.
San Bernardino County Library Lucerne Valley Branch 33103 Old Woman Springs Road Lucern Valley, 92356	Reference Desk	(619) 248-7521	No information on the bombing ranges of Victorville.
San Bernardino County Library Victorville Branch 15011 Circle Drive Victorville, CA 92392	Mr. Booker	(619) 245-4222	No information found on this site.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

County Agencies (continued)

<p>San Bernardino County Museum 2024 Orange Tree Lane Redlands, CA 92374</p>	<p>Robin Laska Noella Benvenuti</p>	<p>(909) 798-8570</p>	<p>Cross reference for SHPO.</p>
<p>San Bernardino County Planning 385 N. Arrowhead Avenue San Bernardino, CA 92415</p>	<p>Marla Taub</p>	<p>(909) 387-4131</p>	<p>Land use and hazard information.</p>
<p>San Bernardino County Recorder 222 West Hospitality Land San Bernardino, CA 92415-0022</p>	<p>Recorded message</p>	<p>(909) 387-8322</p>	<p>Source for real estate deeds.</p>
<p>San Bernardino County Sheriff and Bomb Squad 655 East 3rd Street San Bernardino, CA 92415</p>	<p>Detective Abernathy</p>	<p>(909) 387-3583</p>	<p>No calls to the Victorville sites.</p>
<p>San Bernardino Director of Airports 825 East 3rd Street San Bernardino, CA 92415-0831</p>	<p>Robert Olislagers</p>	<p>(909) 387-2877</p>	<p>No information found on this site.</p>
<p>San Bernardino Public Library 555 West 6th Street San Bernardino, CA 92410</p>	<p>Chris Shovey</p>	<p>(909) 381-8208</p>	<p>Newspaper files on history of WWII and excerpts from publications.</p>

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
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NON-GOVERNMENT SOURCES

National Agencies

Northern Illinois Library System 4034 East State Street Rockford, IL 61108	Computer Search (NILS)	(815) 229-0330	No information found on this site.
Online Computer Library Center 6565 Franz Road Dublin, OH 43017-3395	Computer Search (OCLC)	(800) 848-5878 (614) 764-6000	Received several publications regarding this site.
Scientific & Technical Information Library Automation System Huntsville, AL 35806	Computer Search (STILAS)	(205) 922-9820	No information found on this site.
Do You Graphics 14827 Old Frederick Road Woodbine, MD 21797-8615	Cyndy Gilley	(410) 442-1060	Photos, prints, and other items which have been referenced by National Archives research.

Local

Personal Contact 19446 Corwin Road Apple Valley, CA 92307	Edward Laska	(619) 242-5746	(See interview at I-4)
Personal Contact 518 Why Worry Lane Phoenix, AZ 85021	John Lynch	(205) 922-9820 (800) 398-4693	No information on Victorville targets.

**Reference Sources
(continued)**

Organizations	Name	Telephone	Nature of Support
NON-GOVERNMENT SOURCES			
Local (continued)			
Personal Contact 809 Standish Way Redlands, CA 92373	Arda Haenszal	(909) 798-0550	No information found on this site.
Personal Contact 2162 Belhaven Avenue Simi Valley, VA 93063	Jerry Theaker	(805) 527-6758	No information found on this site.
San Bernardino Visitor and Convention Bureau 201 North E Street San Bernardino 92401	Staff	(909) 889-3980	Information packets on the area.
Scholarly Resource Inc. 104 Green Hill Avenue Wilmington, DE 19805-1897	Customer Service	(800) 772-8937	Source of historical microfiche and histories.
Victor Valley Community College Library 18422 Bear Valley Road Victorville, CA 92392-9699	Reference Desk	(619) 245-4271	No information on targets around Victorville. Referral.
Victor Valley Economic Development Authority 13246 Eagle Street Victorville, CA 92394-0000	Richard Cole Michael Pexton	(619) 246-6115	No information found on this site.

Reference Sources**(continued)**

Organizations	Name	Telephone	Nature of Support
NON-GOVERNMENT SOURCES			
<u>Local</u> (continued)			
Victorville Chamber of Commerce 14174 Greentree Boulevard Victorville, CA 92392	Sally Martinez	(619) 245-6506	Informational packet on the area.
Victorville Museum 11873 Apple Valley Road Apple Valley, CA	Walter Day	(619) 240-2111	Exhibit of the air base history; photographs, old uniforms and other items.
Victorville Museum 11873 Apple Valley Road Apple Valley, CA	Wayne Fowlie	(619) 240-2111	(See interview at I-5)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX B

REFERENCES AND ABSTRACTS

APPENDIX B

REFERENCES AND ABSTRACTS

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Section II: National Capitol Region Archives Search

Part A: Positive Findings

Part B: Negative Findings

Section III: Regional National Archives Findings

Part A: Positive Findings

Part B: Negative Findings

APPENDIX B

BIBLIOGRAPHIES

SECTION I

- B-1 Mandatory Plan for Ordnance and Explosives (OE), Mandatory Center of Expertise (MCX) and Design Center, CEHND 1105-3-9, U.S. Army Corps of Engineers, Huntsville Division, 10 August 1992.
- B-2 DERP FUDS OE Archives Search Report Instructions, Version 1.0 w/changes, U.S. Army Corps of Engineers, Rock Island District, 17 April 1992.
- B-3 Site Safety & Health Plan for OE Investigations (Appendix B-63), USACE, Rock Island District, 25 June 1992.
- B-4 U.S. Army Corps of Engineers, Huntsville Division, "Defense Environmental Restoration Program for Formerly Used Defense Sites, Ordnance and Explosives, Archives Search Report Procedural Document," CEHND 1115-3-521, June 1994.
- B-5 Department of the Army, AR 200-1, Environmental Protection and Enhancement, 23 April 1990.
- B-6 War Department, TM 9-1904, Ammunition Inspection Guide, March 1944 (D-1).
- B-7 Climatology of the United States No. 60 - Climate of California, National Oceanic and Atmospheric Administration June 1982.
- B-8 Archives Search Report Manual - Defense Environmental Restoration Program for Formerly Used Defense Sites, Ordnance and Explosives, USACE-Rock Island District, 17 April 1995.
- B-9 DERP FUDS FDE for Site J09CA067500 - Victorville PBR # 1 28 April 1994 (E-1).
- B-10 Site Survey Summary Sheet for DERP FUDS J09CA067500 - Victorville PBR # 1, 7 December 1988 (E-2).
- B-11 Project Summary Sheet for DERP FUDS OE Project J09CA067501 - 23 June 1994 (E-3).

- B-12 Letter, Species List for Victorville PBR # 1 Area, U.S. Department of Interior - Fish & Wildlife Service
30 January 1996 (F-1).
- B-13 Letter, USACE, Subj: Dedudding of PBR #1, 1 November 1948
(F-2).
- B-14 Memo, Director of Real Estate, USACE, Subj: PBR #1 declared Surplus, 23 January 1946 (F-3).
- B-15 Letter, Archeological Center (SHPO), Subj: Victorville #1 Historical Resources Record Search, 17 January 1996.
- B-16 Assessor's Map, Book 463 Page 23 - San Bernardino County Section 21 (G-1).
- B-17 Current Land Owners for Victorville PBR # 1 Site (G-2).
- B-18 Map of Cultural Sites at former Victorville PBR # 1 (G-3).
- B-19 Aerial photograph of Victorville PBR # 1, dated 6 July 1969 (K-1)
- B-20 Aerial photograph of Victorville PBR #1, dated 1 September 1989 (K-2)
- B-21 Topographical map of Victorville PBR #1 (Section 21) (L-1)

SECTION II
NATIONAL CAPITOL REGION ARCHIVES FINDINGS
PART A
POSITIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE #1, CA

***CENTER FOR AIR FORCE HISTORY
WASHINGTON, DC***

Microfilm Roll No. B2647

Page 1481 thru Roll No. B2648

Historical Record of Victorville Army Airfield, Victorville, CA, January 1939-
30 June 1944

***CENTER OF MILITARY HISTORY
WASHINGTON, DC***

Historical Research Branch

Posts, Camps, and Stations - WWII Vol. XII (T-Z)
Data Sheet, Victorville, CA, 1943-1945

***NARA - ARCHIVES I
WASHINGTON, DC***

RG 18 (Records of the Army Air Corps)

Entry: Project Files - Airfields, 1939-1942
Box 1834

Correspondence Relative to Proposed Construction Victorville Advanced Twin
Engine School, (Bombadier), June 6, 1941

Entry: Project Files - Airfields, 1939-1942
Box 1834

Correspondence Relative to Funding for Bombing Range Targets at Victorville
Army Airfield, 30-31 January 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Correspondence Relative to Government Owned Lands Required for Advance Flying School No. 4, Victorville Bombing Ranges, February-March 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memorandum Relative to Real Estate Data For Victorville Army Flying School Ordnance Storage Facilities, March 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memoranda Relative to Real Estate Acquisition for Victorville Army Flying School Target Ranges, Ordnance Facilities, Etc, March-April 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memoranda Relative to Land Acquisition for Victorville Military Airport Bombing Ranges, June-October 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memorandum Relative to Land Acquisition, Victorville Army Airfield Bombing Ranges, September 17, 1942

Entry: Project Files - Airfields, 1939-1942

Box 1835

Authorized Ordnance Storage Facility Construction, Victorville Army Flying School, November 1941-May 1942

Entry: Project Files - Airfields, 1939-1942

Box 1835

Detailed Real Estate Acquisition Data, Victorville Army Flying School Bombing Ranges, January-August 1942

***NARA - ARCHIVES II
COLLEGE PARK, MD***

RG 18 (Records of the Army Air Corps)

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944-1946

Box 2281

Memorandum Relative to Status and Proposed Usage of Victorville Army Airfield, 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944-1946

Box 2281

Memorandum Relative to Hangar Modifications, Victorville Army Airfield, 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944-1946

Box 2281

Correspondence Relative to Installation of Sonic Bomb Scoring Targets, Victorville Army Airfield Bombing Ranges, March-April 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944-1946

Box 2281

Letter Relative to Status of Victorville Army Airfield, 4 October 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944-1946

Box 2281

Memorandum Relative to Use of Victorville Army Airfield for Surplus Aircraft Storage, 13 November 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944-1946

Box 2281

Memorandum Relative to Assignment of Victorville Precision Bombing Ranges to Fourth Air Force, 6 February 1946

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944-1946

Box 2281

Correspondence Relative to Decontamination of Bombing and Target Ranges, August -September 1946

Entry 292: Air Adjutant General's Central Decimal Files, October 1942-1944

Box 1592

Rolled Map, Bombing Range Target Areas, Advanced Twin Engine School, Victorville Army Airfield

Entry 292: Air Adjutant General's Central Decimal File, October 1942-1944
Box 1592

Correspondence Relative to Bombing Target Site Acquisition, Victorville
Advanced Twin Engine School, January 1943

Entry 292: Air Adjutant General's Central Decimal File, October 1942-1944
Box 1592

Memorandum Relative to Bombing Target Situation, Victorville Army Airfield,
26 October 1943

Entry 292: Air Adjutant General's Central Decimal File, October 1942-1944
Box 1641

Correspondence Relative to Status and Requirements of Bombing and Gunnery
Ranges, Victorville Advanced Twin Engine School, 12 August 1943

RG 48 (Records of the Department of the Interior)

Entry 749B: Central Classified Files, 1937-1953
Box 3221

Correspondence Relative to Withdrawal of Public Lands for Use by Victorville
Army Flying School, May 1943

RG 77 (Records of the Office of the Chief of Engineers)

Entry 1011: Security Classified Subject Files, 1940-1945
Box 855

Memorandum Relative to Cost Estimate for Bombing Target Site Construction,
Victorville Military Airfield, 14 January 1942

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports,
1940-1945

Box 69

Construction Program at Air Corps Stations, Advanced Twin Engine School,
Victorville, 15 June 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports,
1940-1945

Box 80

Construction Program at Air Corps Stations, Advanced Twin Engine School,
Victorville, 15 September 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports,
1940-1945

Box 85

Construction Program at Air Corps Stations, Advanced Twin Engine School,
Victorville, 30 September 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports,
1940-1945

Box 90

Construction Program at Air Corps Stations, Advanced Twin Engine School,
Victorville, 31 October 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports,
1940-1945

Box 105

Construction Program at Air Corps Stations, Advanced Twin Engine School,
Victorville, 31 January 1942

RG 107 (Records of the Secretary of War)

Entry 102: Administrative Assistant to the Secretary of War, Project Decimal File, 1943-
January 1946

Box 133

Correspondence Relative to Land Acquisition, Victorville Army Airfield
Bombing Ranges, April 1943

***SMITHSONIAN AIR AND SPACE MUSEUM
WASHINGTON, DC***

Videodisc 3B-21786

Aerial View, Test Area, Victorville Army Airfield

Videodisc 3B-48582 thru 48621

17 Aerial Views of Landing Field, Surrounding Area, and Ranges, Victorville Army
Airfield

USACE OFFICE OF HISTORY
ALEXANDRIA, VA

Real Estate Records

Realty Control File Summary
Victorville Precision Bombing Range #1

SECTION II
NATIONAL CAPITOL REGION ARCHIVES FINDINGS
PART B
NEGATIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE #1, CA

***LIBRARY OF CONGRESS
WASHINGTON, DC***

Geography and Map Division

***NARA - ARCHIVES I
WASHINGTON, DC***

RG 18 (Records of the Army Air Corps)

Entry: Central Decimal File, 1939-1942

RG 49 (Records of the Bureau of Land Management)

Entry 1515: Central Files (Division of Technical Programs - Range Staff), 1937-1955

Entry 1519: Records Relating to District Grazing Boundaries, 1935-1961

RG 69 (Records of the Work Projects Administration)

Entry: Central Files, 1935-1944

Entry: Civil Works Administration Central Files, 1931-1954

Entry: FERA, New General Subject Series

Entry: General Subject Series, National Defense Program, 1940-1946

Entry: WPA General Series, National Defense, 1940-1942

RG 135 (Records of the Public Works Administration)

Entry: Project Files

RG 153 (Records of the Office of the Judge Advocate General)

Entry: Reservations File, 1800-1950

RG 162 (Records of the Federal Works Agency)

Entry 7: Central Decimal Files, 1941-1949

Entry 21: Records of the War Public Works Program, 1941-1949

RG 337 (Records of the Headquarters, Army Ground Forces)

Entry 55A: Project Decimal Files, 1942-1947

Entry: Western Defense Command, Airfields

RG 407 (Records of the Adjutant General's Office, 1917-)
Entry: Army - AG Decimal File, 1940-1945

NARA - ARCHIVES II
COLLEGE PARK, MD

RG 18 (Records of the Army Air Corps)
Entry: Air Adjutant General, Bulky File, October 1944-1946
Entry 294: Air Adjutant General, Bulky Files, October 1942-1944

RG 22 (Records of the Bureau of Fish and Wildlife)
Entry 243: Cooperative Agreements with the Corps of Engineers, 1943-1962

RG 30 (Records of the Bureau of Public Roads)
Entry 54: Correspondence, 1941-1945

RG 48 (Records of the Department of the Interior)
Entry 749B: Central Classified Files, 1937-1953

RG 57 (Records of US Geological Survey)
Entry 27: Correspondence and Related Records, 1906-1948

RG 77 (Records of the Office of the Chief of Engineers)
Accession 51A-277: District Files, 1945
Accession 52A-40: Division Files, 1945
Accession 53A-132: Miscellaneous Files, 1945
Accession 58A-1076: Real Estate Files
Entry 18: Correspondence, 1789-1942
Entry 106B: General Correspondence, 1918-1945
Entry 1019: General Correspondence with Service Commands, 1918-1949

RG 92 (Records of the Office of the Quartermaster General)
Entry 1890: General Correspondence (Subject File), 1936-1961
Entry 1890AA: Formerly Classified General Correspondence (Subject Files), 1936-1954
Entry 1892: Classified Geographic File, 1936-1945
Entry 1892A: General Correspondence (Geographic File), 1936-1945

RG 107 (Records of the Office of the Secretary of War)
Entry 211: Office, Assistant Secretary of War for Air, Establishment of Airfields and Airbases, 1940-1945
Entry 158: Special Assistant for Construction - MJ Madigan, General Correspondence, 1940-1945
Entry 159: Special Assistant for Construction - MJ Madigan, Projects, 1940-1945

- RG 111 (Records of the Office of the Chief Signal Officer)
Entry: Unclassified Central Decimal Files, 1941-1957
- RG 112 (Records of the Office of the Surgeon General)
Entry: Historical Unit, Medical Detachment - Records Used for Preparing WW II Era Medical Unit Histories
Entry 31: Geographic Series, 1938-1946
Entry 32: Geographic Series (Formerly Security Classified), 1938-1946
- RG 115 (Records of the Bureau of Reclamation)
Entry 7: General Administrative and Program Records, 1919-1945
- RG 160 (Records of the Army Service Forces)
Entry 25: Director of Plans and Operations, Liaison and Control Branch, Subject Files, 1942-1944
Entry 27: Mobilization Division, Command Installation Branch, Correspondence File, 1942-1946
Entry 138: Readjustment Division, Central Decimal Files, 1943-1944
Entry 139: Readjustment Division, Central Decimal Files, 1943-1946
- RG 165 (Records of War Department General and Special Staffs)
Entry 258: Installations Branch, Reports and Correspondence Relating to Construction, Utilization, and Disposal of Army Installations, 1944-1947
Entry 484D: Federal Works Agency Project Files, 1940-1946
Entry 484G: Federal Agencies Branch, Airport Development Project Files, 1940-1942
- RG 168 (Records of the Bureau of the National Guard)
Entry 344: State Decimal Files, 1941-1947
Entry 348: State Guard State Files, 1941-1949
- RG 175 (Records of the Chemical Warfare Service)
Accession 67A-4900: General Correspondence, 1946-1954
Accession 67A-4900: Miscellaneous Files, 1946-1954
Accession 67A-4900: Station Files, 1946-1954
Entry 2A: General Correspondence (Subject Series), 1942-1945
Entry 2B: Correspondence with the War Department and Other Government Agencies, Army Commands and Units, and Schools (Miscellaneous Series), 1942-1945
- RG 207 (Records of the Housing and Home Finance Agency)
Entry 24: General National Housing Records, War Housing Program, 1942-1947
- RG 218 (Records of the U.S. Joint Chiefs of Staff)
Entry: Series, 1942-1959, Geographic File

RG 269 (Records of the General Services Administration)
Entry 62: Real Property Disposal Case Files Transferred from the Farm Credit Administration, 1945-1953)

RG 270 (Records of the War Assets Administration)
Entry 3: Office of Information, Subject Files, 1946-1959

RG 291 (Records of the Federal Property Resources Service)
Entry 5: Real Property Disposal Case Files, 1962

RG 319 (Records of the Army Staff)
Entry 47: Army Intelligence Project Decimal File, 1941-1945

RG 340 (Records of the Office of the Secretary of the Air Force)
Entry 53: Air Coordinating Committee, General File, 1945-1950

RG 341 (Records of the Headquarters, US Air Force)
Entry 468: General File, Subject, 1944-1950

RG 342 (Records of US Air Force Commands)
Entry: "Sarah Clarke" Decimal Correspondence File

***NARA - CARTOGRAPHIC BRANCH
COLLEGE PARK, MD***

Record Groups Specified in Project Work Plan

***NARA - MOTION PICTURE BRANCH
COLLEGE PARK, MD***

Record Groups Specified in Project Work Plan

***NARA - STILL PICTURES BRANCH
COLLEGE PARK, MD***

Record Groups Specified in Project Work Plan

***NARA - SUITLAND REFERENCE BRANCH
SUITLAND, MD***

RG 77 (Records of the Office of the Chief of Engineers)
Entry 391: Construction Completion Reports, 1917-1943
Entry 393: Historical Records of Buildings at Active Army Posts, 1905-1942

RG 156 (Records of the Office of the Chief of Ordnance)

Entry 36: General Correspondence, 1917-1941

Entry 39: Confidential Correspondence, 1917-1940

RG 175 (Records of the Chemical Warfare Service)

Entry 1: Central Correspondence, 1918-Oct 1942

Entry 4: Secret & Confidential Central Correspondence, 1918-1942

RG 336 (Records of the Office of the Chief of Transportation)

Entry: Historical Program Files, 1940-1950

RG 338 (Records of U.S. Army Commands, 1942-)

Entry: Records of Posts, Camps and Stations

9th Service Command

Western Defense Command

RG 394 (Records of U.S. Army Continental Commands, 1920-1942)

Entry 296: General Correspondence of the Construction Division, 1916-1945

Entry 298: Historical Reports Relating to Post Planning, 1899-1945

RG 407 (Records of the Adjutant General's Office, 1917-)

Entry 427: WWII Operations Reports

***WASHINGTON NATIONAL RECORDS CENTER
SUITLAND, MD***

RG 77 (Records of the Office of the Chief of Engineers)

Accession A52-117

Accession A52-259

Accession A52-434

Accession 68A-1932

SECTION III
REGIONAL NATIONAL ARCHIVES FINDINGS
PART A
POSITIVE FINDINGS

VICTORVILLE PBR 1, CA

***NARA, PACIFIC SOUTHWEST REGION
LAGUNA NIGUEL, CA***

RG 49, Records of the Bureau of Land Management
Box 1029

Memo, Subject: Contamination of Land by Defense Agencies,
dated April 27, 1962

RG 77, Records of the Office of the Chief of Engineers

Box 2, Realty Historical Files

Affidavit in Support of Motion to Dismiss, and Order Thereon

(As to Tracts 14 and 15)

Judgement by Default

(As to Tracts 11)

Preliminary Certificate of Title No. 140863

Tract No. 11

Victorville Airport Extension

Judgement for Deficiency

(As to Tract No. 12 Only)

Quitclaim Deed, Dated 28 August 1942 for 4.195 Acres,

Victorville Army Flying School

List of Documents Pertaining to Victorville AAF, California

Transmitted to Division Engineer, South Pacific Div,

California

Map, Victorville Military Airport Bombing Targets, File No.

L-113, CAL-26, No Date Listed

Map, Real Estate, Victorville Army Air Field, Expansion of

Facilities, dated 3 February 1945, Drawing No. 208-P

RG 270, Records of the War Assets Administration

Box 161, Real Property Disposal Case Files

Public Land Order 125, California, Withdrawing Public Lands
for Use of the War Department as Bombing Target Sites

Memo, Subject: Report on the Dedudding of Victorville
Bombing Targets, San Bernardino County, California, dated
20 October 1947 Nos. 6, 8, 9, 15, Y, 1-Z and 2-Z

Memo, Subject: Report of the Dedudding of Victorville
Bombing Targets, San Bernardino County, California, dated
4 February 1948 Nos. 3, 7, 10, 11, 12, 13, 14, 16, 17, 19
and 20

Certificate of Clearance, Victorville Bombing Targets, Nos.
3, 7, 10, 11, 12, 13, 14, 16, 17, 19 and 20, dated 22
March 1948

Memo to Surplus Property Disposal, Farm Credit
Administration, re: Decontamination certificate covering
Victorville Bombing Targets Nos. 6, 8, 9, 15, Y, 1-Z and
2-Z, dated June 4, 1948

Map, Auxiliary Landing Fields Location Map, Victorville
Military Airport, Victorville, California, dated December
1941, File No. 514/68

**NARA, FEDERAL RECORDS CENTER
LOS ANGELES, CA**

Accession No. 77-82-0045
Box 12/20, George Air Force Base, Title Insurance to Tract
#11

**NARA, NATIONAL PERSONNEL RECORDS CENTER
ST. LOUIS, MO**

Location: K110.5035-1, 1941-1950, IRIS 00905362
Brief History of George AFB, 1941-1950

SECTION III
REGIONAL NATIONAL ARCHIVES FINDINGS
PART B
NEGATIVE FINDINGS

VICTORVILLE PBR 1, CA

***NARA, PACIFIC SOUTHWEST REGION
LAGUNA NIGUEL, CA***

RG 18, Records of the Army Air Forces
All Entries
Nothing found

RG 49, Records of the Bureau of Land Management
All Entries
Nothing found

RG 92, Records of the Quartermaster General
All Entries
Nothing found

RG 121, Records of the Public Buildings Service
All Entries
Nothing found

RG 156, Records of the Chief of Ordnance
All Entries
Nothing found

RG 219, Records of the Office of Defense Transportation
All Entries
Nothing found

RG 72, Records of the Bureau of Aeronautics
Nothing of value to this ASR found

RG 77, Records of the Office of the Chief of Engineers
LA District, Military Construction Projects Log Books 1948-
1970, George AFB
Nothing of value to this ASR found

NARA, PACIFIC SIERRA REGION
SAN BRUNO, CA

- RG 30, Records of the Bureau of Public Roads
All records
Nothing found
- RG 49, Records of the Bureau of Land Management
Boxes 1098G-1098J
Box 1015, Series 98
Index to Investigation Case Files 1927-1945
Nothing of value to this ASR found
- RG 92, Records of the Office of the Quartermaster
All records
Nothing found
- RG 112, Records of the Office of the Surgeon General (Army)
All records
Nothing found
- RG 156, Records of the Office of the Chief of Ordnance
All records
Nothing found
- RG 219, Records of the Office of Defense Transportation
All records
Nothing found
- RG 291, Records of the Federal Property Resources Service
All records
Nothing found
- RG 392, Records of the U.S. Army Coast Artillery Districts and
Defenses, 1901-1942
All records
Nothing found
- RG 406, Records of the Federal Highway Administration
Accession Number 72A1388
Box 9
Nothing of value to this ASR found
Boxes 3, 4, 5, 6, California FAP Route Reports, 1920-1969,

**NARA, FEDERAL RECORDS CENTER
LOS ANGELES, CA**

Accession No. 70A 1364

Boxes 1 and 2

Nothing found

Accession No 77-82-0045

Boxes 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 18, 19, 20

Nothing found

Accession No 77-85-0006

Boxes 1, 9, 10

Box 3, 6, 8 transferred to U.S. Army Corps of Engineers, Los Angeles, 8/6/87 and Box 7, 1/29/95

Nothing found

Accession No 77-85-0003

Boxes 1, 2, 3, 4, 6, 7, 8, 9

Nothing found

Accession No 77-70A132

Boxes 1, 2, 3, 4, 5 were destroyed

Box 6 transferred to Los Angeles Corps of Engineers District (Not found at COE by researchers)

Nothing found

**NARA, NATIONAL PERSONNEL RECORDS CENTER
ST. LOUIS, MO**

Location: IRIS 1017448

Nothing of value to this ASR found

Box 36, Geigen thru George

Nothing of value to this ASR found

Boxes 23, 28, 53, George, George-Gila Bend

Nothing of value to this ASR found

Accession Number 342-50A4042

Box 06-38-18-1-3 (1 of 2)

Box 06-38-18-1-5 (2 of 2)

Nothing of value to this ASR found

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX C

GLOSSARY

APPENDIX C

GLOSSARY

ASR	Archives Search Report
BD/DR	Building Demolition & Debris Removal
DA	Department of the Army
DERP FUDS	Defense Environmental Restoration Program for Formerly Used Defense Sites
DOD	Department of Defense
EOD	Explosive Ordnance Disposal
F	Fahrenheit
FDE	Findings and Determination of Eligibility
FUDS	Formerly Used Defense Site(s)
gm	gram
gr	grain
GSA	General Services Administration
HTRW	Hazardous, Toxic and Radiological Waste
INPR	Inventory Project Report
OE	Ordnance and Explosives
PA	Preliminary Assessment
QASAS	Quality Assurance Specialist (Ammunition Surveillance)
RAC	Risk Assessment Code
SHPO	State Historical Preservation Office
SI	Site Inspection
WD	War Department

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX D

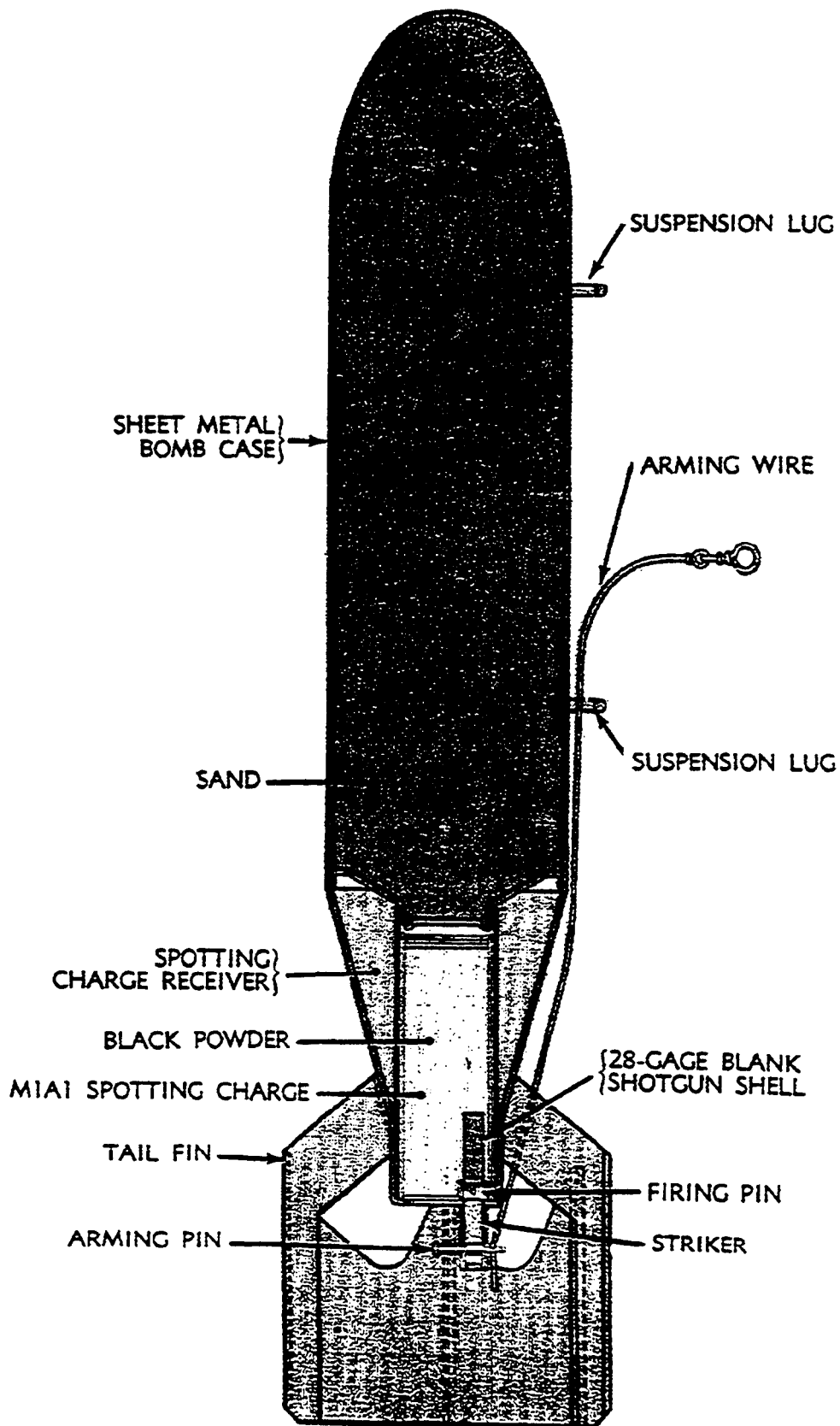
TEXTS/MANUALS

APPENDIX D

TEXTS/MANUALS

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D-1 Bomb, Practice, 100 lb., M38A2 (B-6).



100-pound, M38A2—Sectioned

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX E

REPORTS/STUDIES

APPENDIX E

REPORTS/STUDIES

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- E-1 DERP FUDS FDE for Site J09CA067500 - Victorville PBR # 1
28 April 1994 (B-9)
- E-2 Site Survey Summary Sheet for DERP FUDS J09CA067500
Victorville PBR # 1, 7 December 1988 (B-10)
- E-3 Project Summary Sheet for DERP FUDS OE Project J09CA067501
Victorville PBR # 1, 23 June 1994 (B-11)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX F

LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

APPENDIX F

LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

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- F-1 Letter, Species List for Victorville PBR # 1 Area, U.S.
Department of Interior - Fish & Wildlife Service
30 January 1996 (B-12).
- F-2 Letter, USACE, Subject: Dedudding of PBR #1, 1 November 1948
(B-13).
- F-3 Memorandum, Director of Real Estate, USACE, Subject: PBR #1
declared Surplus, 23 January 1946 (B-14).



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
Ventura Field Office
2493 Portola Road, Suite B
Ventura, California 93003

January 30, 1996

Shirley Daniels
Information Management Specialist
Attention: SIOAC-ESL
Department of the Army
U. S. Army Technical Center for Explosive Safety
Savanna, Illinois 61074-9639

Subject: Species List for Specified Areas near Victorville, San Bernardino County, California

Dear Ms. Daniels:

This letter is in response to your facsimile transmission, dated and received on January 8, 1996 requesting a compilation of listed and candidate species that may occur in the following specific areas near Victorville, California.

PBR Y- Township 4N, Range RE, Sections 24 and 25
PBR 1- Township 6N, Range 5E, Sections 19 and north ½ of 30
PBR 13 - Township 3N, Range 4E, Section 6

These areas may contain unexploded ordnance and explosive wastes. The U.S. Army Technical Center for Explosive Safety (USATCES) is preparing to survey the above areas for unexploded ordnance. The information enclosed in this letter will be used by the USATCES in preparation for the survey.

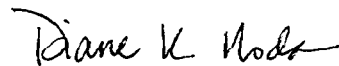
Our records indicate that the federally listed desert tortoise (*Gopherus agassizii*) is likely to occur within the survey area.

This letter fulfills the requirements of the Service under section 7(c) of the Endangered Species Act of 1973, as amended (Act). If the subject project may affect a listed species, the Department of the Army (Army) has the responsibility to prepare a biological assessment if the project is a construction project which may require an environmental impact statement^{1/}. If a biological assessment is not required, the Army still has the responsibility to review its proposed activities and determine whether the listed species will be affected.

During the assessment or review process, the Army may engage in planning efforts, but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Endangered Species Act. If a listed species may be affected, the Army should request, in writing through our office, formal consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to listed species prior to a written request for formal consultation.

Should you have any questions regarding the species listed, or your responsibilities under the Act, please contact Doug Laye of my staff at (619) 255-8844.

Sincerely,



Diane K. Noda
Field Supervisor

Enclosure

^{1/} "Construction Project" means any major Federal action which significantly affects the quality of the human environment designed primarily to result in the building or erection of man-made structures such as dams, buildings, roads, pipelines, channels and the like. This includes Federal actions such as permits, grants, licenses, or other forms of Federal authorizations or approval which may result in construction.

W A R N I N G N O T I C E

(Continental United States)

0: DIRECTOR OF REAL ESTATE, OFFICE OF THE CHIEF OF ENGINEERS
CHIEF, PLANNING BRANCH, ACQUISITION DIVISION, REAL ESTATE, O.C.E.
CHIEF, REALTY CONTROL BRANCH, REQUIREMENTS DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, MANAGEMENT BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, DISPOSAL BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.
CHIEF, OFFICE SERVICE DIVISION, O.C.E. (Surplus Properties)
DIRECTOR OF MILITARY CONSTRUCTION, O.C.E., Attention, Mr. Lanier
CHIEF, REDISTRIBUTION & SALVAGE DIVISION, READJUSTMENT, O.C.E.,
Attention: Major Walker

CHIEF, MILITARY RESERVATION DIVISION, OFFICE OF JUDGE ADVOCATE GENERAL,
(Surplus Government Owned Properties)
DIVISION ENGINEER, PACIFIC DIVISION, Attention: Real Estate Officer,
For Information Only

1. Notice was received on 6 February 1946 that, effective
23 January 1946, the following described property has been classified as

INACTIVE STANDBY EXCESS SURPLUS X REESTABLISHED REDISTRIBUTED

Name of Installation: Victorville A.A.F., Bombing Targets
san

Location nearest: Victorville (City) Bernardino (County) Calif. (State)

Acreage: Total * Owned W.D. Public Lesser Interests Leased

Entire Installation X Portion of Installation

Land Only Land and Improvements X Improvements Only

Industrial Installation Command Installation X

Property Used By A.T.S.C. For Bombing Targets

2. Proposed disposition and remarks:

* Correct Area being determined. Declaration covers Bombing Targets Nos.

1, 2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19, and 20, Demolition

Target "Y" (1) and Mirage Lake Glider School.

602 Victorville Precision Bombing Range,
California. RWGLT

1 November 1948

Director,
Bureau of Land Management,
Department of the Interior,
Washington, D. C.

Dear Sir:

Reference is made to Public Land Order No. 125, dated 27 May 1943, authorizing the use by this Department of certain public lands in the State of California for bombing targets for use in connection with Victorville Airfield, California.

Bombing targets 1, 5, 10, 11, 12, 13, 14 and 18, covered by Public Land Order 125, are no longer required by this Department and it is recommended that action be taken to cancel Public Land Order 125 insofar as applicable to these bombing targets. The lands used for the bombing targets are more particularly described in the inclosed Exhibit A.

Bombing targets 16, 20, Y & Z, also described in Exhibit A, are no longer required by this Department, and the use of these lands is hereby relinquished. These targets were apparently used by this Department under informal arrangements with your Department since no records of a permit or Public Land Order can be located.

All of the aforementioned bombing targets have been dedudded and have been certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Copies of the dedudding certificates are inclosed and designated as Exhibits F, G, H and I.

Government improvements placed on the property consisted of concentric rings of light oil penetration, frame butts and appurtenances, fences and gates. All removable improvements have been removed. The light oil rings will be obliterated by weather action and no restoration work is deemed necessary by this Department.

Your cooperation in making these lands available is appreciated.

FOR THE CHIEF OF ENGINEERS:

Sincerely yours,

CY FURNISHED LA DIST ATTN RE
11/19/48 - rbc

1 Inclosure:
Exhibits A thru J

W. H. HASTINGS
Colonel, Corps of Engineers
Assistant Chief of Engineers for Real Estate

CY FOR SPD ENGR



ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX G
REAL ESTATE DOCUMENTS

APPENDIX G

REAL ESTATE DOCUMENTS

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- G-2 Current Land Owners for Victorville PBR # 1 Site (B-17).
- G-3 Map of Cultural Sites at former Victorville PBR # 1
(B-18).



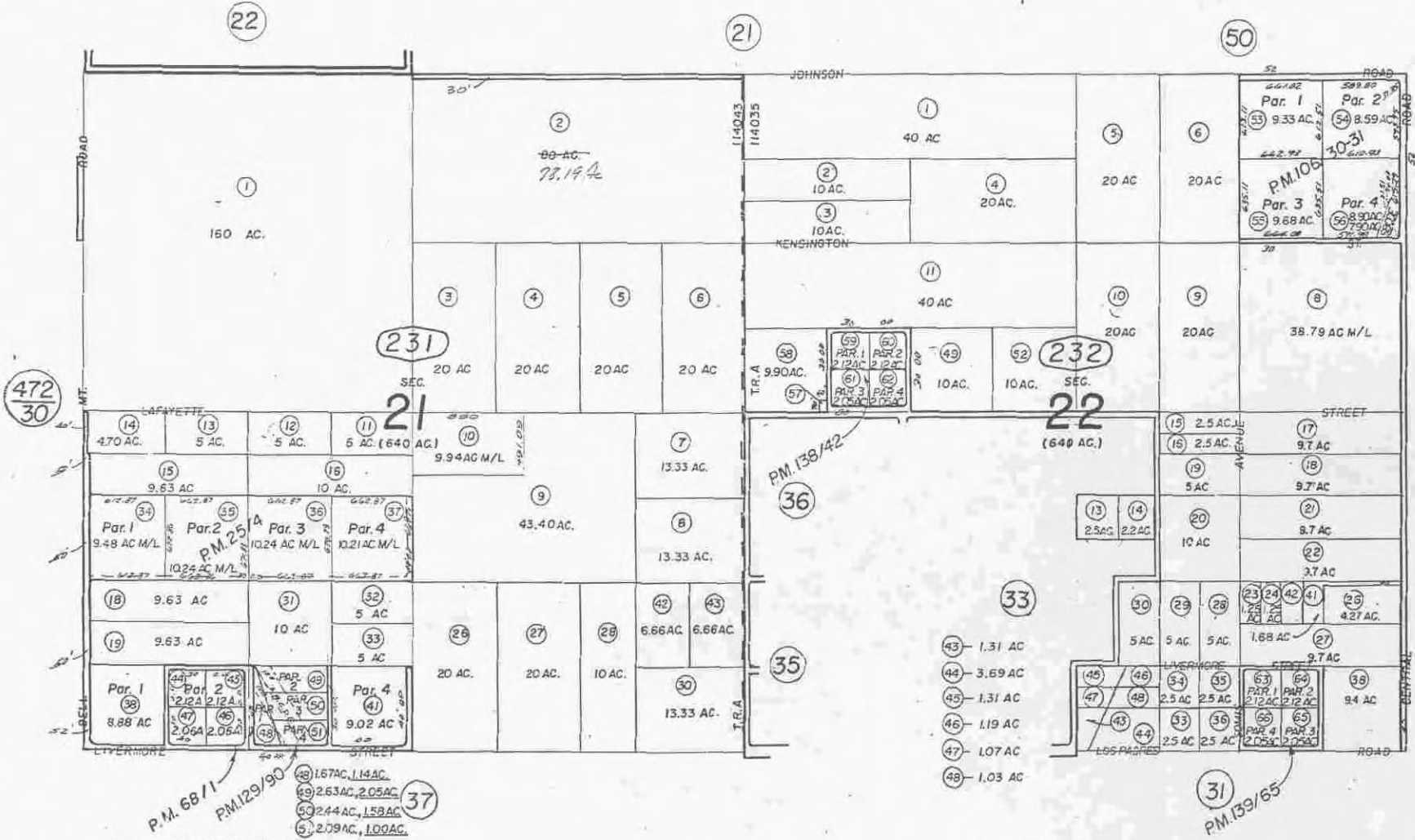
Sec 21 & Por. Sec 22, T6N,R3W, S.B.B. & M.

Victorville
Tax Rate Area
114035, 114043

463-23

Victorville
#1

471-2



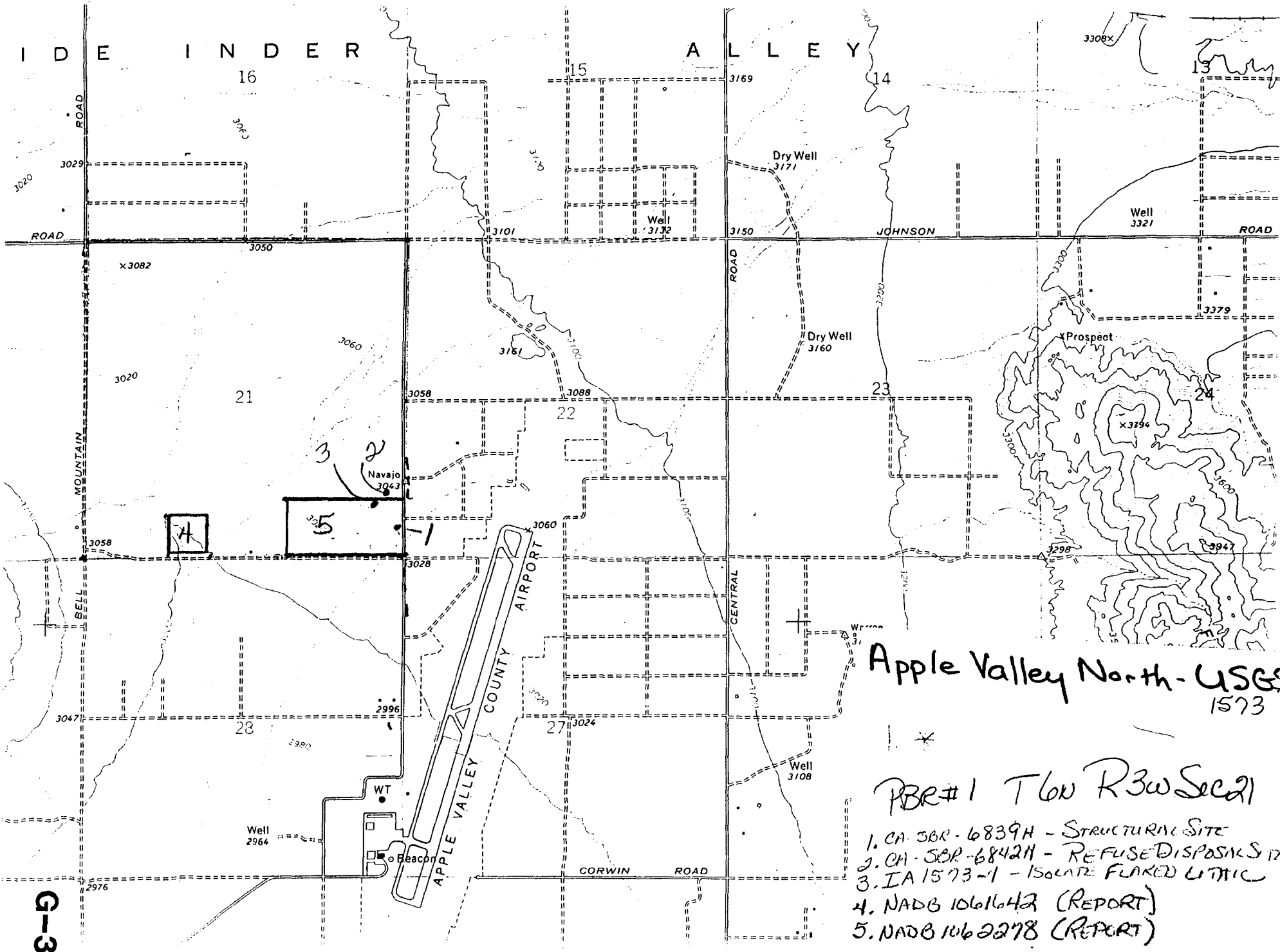
Parcel Map No 10088, P.M. 138/42
Parcel Map No. 10863, P.M. 129/90
Parcel Map No. 9574, P.M. 106/30-31
Parcel Map No. 6738, P.M. 68/1
Parcel Map No. 2805, P.M. 25/4

Parcel Map No. 11998, P.M. 139/65

Assessor's Map
Book 463 Page 23
San Bernardino County

REVISED	
12-22-87	JE
10-11-88	JE
6-5-89	KB
7-21-89	KB
4/7/93	GP
7/28/87	KB
10-9-87	JES

G-1



PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO
 PROPERTY ADDRESSED PURSUANT TO COUNTY ORDINANCES AND STATUTES FROM
 1995
 FOR DETAILED EXPLANATION OF ALL ABBREVIATIONS AND TERMS, SEE PAGE 4

FRIPP ISLAND, SC 29920 TRACT NO 5526 LOT 27 EX HML RTS AS RESER VED BY THE STATE OF CALIF	0443 222 11	BY90	20000					20000	10
BRILLANTES, MARY G BRILLANTES, GILDA B 162 HAMPSHIRE AVE DALY CITY, CA 94015 TRACT NO 5526 LOT 28 EX HML RTS AS RESER VED BY THE STATE OF CALIF	21027 0443 222 12 0443 222 12 0 000 DR= J RFC= R							20000	20
MALINDOG, MARIE C ETAL MALINDOG, MARK E 224 WHEELER DR SE PACIFICA, CA 94044 TRACT NO 5526 LOT 29 EX HML RTS AS RESER VED BY THE STATE OF CALIF	21027 0443 222 13 0443 222 13 0 000 DR= J RFC= R							20000	20
GRIFFIS, RUBY P 110 ABATE PL ARMARIN, CA 92004 TRACT NO 5526 LOT 30 EX HML RTS AS RESER VED BY THE STATE OF CALIF	21027 0443 222 14 0443 222 14 0 000 DR= R RFC=							2228	40
GRIFFIS, RUBY P 110 ABATE PL ARMARIN, CA 92004 TRACT NO 5526 LOT 31 EX HML RTS AS RESER VED BY THE STATE OF CALIF	21027 0443 222 15 0443 222 15 0 000 DR= R RFC=							2228	40
PAGE TOTALS			04454					04454	100

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO
 PROPERTY ADDRESSED PURSUANT TO COUNTY ORDINANCES AND STATUTES FROM
 1995
 FOR DETAILED EXPLANATION OF ALL ABBREVIATIONS AND TERMS, SEE PAGE 4

706

1995

1995
 NAME CHANGE DESCRIPTION IS
 INDICATED BY * * *
 AND BY A CIRCLE *

NO IMPROVEMENTS OR RESERVATIONS
 ARE SHOWN BY THIS ROLL

NAME, POST OFFICE ADDRESS, P UNIFORM AND DESCRIPTION OF PROPERTY	TAX RATE AREA	PAYMENT	LAND	IMPROVEMENTS	EXEMPT PROPERTY	EXEMPT REASON	EXEMPT OTHER	TOTAL TAXABLE VALUE	
LEE, SCOTT M K LEE, RIRI C 874 HOMERAY KAT DR HUNTSVILLE, TN 38403 TRACT NO 5526 LOT 32 EX HML RTS AS RESER VED BY THE STATE OF CALIF	21027	0443 222 16 0443 222 16 0 000 DR= J RFC= R						20000	0
STATE OF CALIFORNIA 1807 13TH ST SACRAMENTO, CA 95814 M 1/4 SEC 21 TP 6N R 3M 160 AC	21038	0443 231 01 0443 231 01 0 000 DR= R RFC=					EMPTY		12
SON OF CADUCEUS 22530 CALVERT ST WOODLAND HILLS, CA 91367 M 1/2 NE 1/4 SEC 21 TP 6N R 3M EX ST	21038	0443 231 02 0443 231 02 0 000 DR= R RFC=						139483	24
DE STEFANO, FRANK C/O DE STEFANO, FRANK JR 2221 MONTEY AVE WEST DUBAQUE, CA 91306 M 1/2 W 1/2 S 1/2 NE 1/4 SEC 21 TP 6N R 3M 20 AC M/L	21038	0443 231 03 0443 231 03 0 000 DR= R RFC=						58171	20
SPENDER, SAVIDE S 15910 VENTURA BLVD #1525 ENCINO, CA 91436 E 1/2 W 1/2 S 1/2 NE 1/4 SEC 21 TP 6N R 3M 20 AC M/L	21038	0443 231 04 0443 231 04 0 000 DR= J RFC= R						63000	42
VERTEKHOFF, GEORGE K VERTEKHOFF, JOAN A 6 BOADINE CIRC IRVINE, CA 92714 M 1/2 S 1/2 S 1/2 NE 1/4 SEC 21 TP 6N R 3M 20 AC M/L	21038	0443 231 05 0443 231 05 0 000 DR= R RFC=						58171	40
PAGE TOTALS			340825					340825	100

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ADDRESSED PURSUANT TO COUNTY ORDINANCES AND STATUTES FROM
 1995
 FOR DETAILED EXPLANATION OF ALL ABBREVIATIONS AND TERMS, SEE PAGE 4

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ADDRESSED PURSUANT TO COUNTY ORDINANCES AND STATUTES FROM
 1995
 FOR DETAILED EXPLANATION OF ALL ABBREVIATIONS AND TERMS, SEE PAGE 4

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO
 PROPERTY ASSESSED PURSUANT TO CONSTITUTIONAL AND STATUTORY PROVISIONS
 FOR DETAILED EXPLANATION OF ALL INDEBITED AND BURDENED, SEE PAGE 11

OWNER	PARCEL	LAND	IMPROVEMENTS	TOTAL TAXABLE VALUE
SACRAMENTO, CA 95814 M 1/4 SEC 21 TP 6N R 3W 160 AC	0443 231 01 BY		EMPTY	
DON (P) CADUCEUS 22320 CALVERT ST WOODLAND HILLS, CA 91367 M 1/2 NE 1/4 SEC 21 TP 6N R 3W EX ST	21038 0443 231 02 0443 231 02 0 000 DR= R RFC=			139485
DE STEFANO, FRANK C/O DE STEFANO, FRANK TR 2221 HORTENY AVE WEST BURBANK, CA 91506 M 1/2 W 1/2 S 1/2 NE 1/4 SEC 21 TP 6N R 3W 20 AC M/L	21038 0443 231 03 0443 231 03 0 000 DR= R RFC=			50171
SPENDER, DAVID S 15910 VENTURA BLVD #1525 SUNLAND, CA 91436 E 1/2 W 1/2 S 1/2 NE 1/4 SEC 21 TP 6N R 3W 20 AC M/L	21038 0443 231 04 0443 231 04 0 000 DR= J RFC= R			62000
VERTEGENOFF, GEORGE K VERTEGENOFF, JOAN A 6 BOARNE CIRC SUNLAND, CA 91714 M 1/2 S 1/2 S 1/2 NE 1/4 SEC 21 TP 6N R 3W 20 AC M/L	21038 0443 231 05 0443 231 05 0 000 DR= R RFC=			50171
PAGE TOTALS				340825

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO
 PROPERTY ASSESSED PURSUANT TO CONSTITUTIONAL AND STATUTORY PROVISIONS
 FOR DETAILED EXPLANATION OF ALL INDEBITED AND BURDENED, SEE PAGE 11

1995

006

NEEDS CORRECTED DESCRIPTIONS
 REPORTED BY TRAX
 FOR THE YEAR 1995

FOR THE YEAR 1995
 THE COUNTY OF SAN BERNARDINO, CALIF.

OWNER	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	TOTAL TAXABLE VALUE
MATCHER, JOHN ETAL. MATCHER, PATRICIA E 23132 CINDRIA WY EL TORO, CA 92630 E 1/2 E 1/2 S 1/2 NE 1/4 SEC 21 TP 6N R 3W 20 AC M/L	21038	0443 231 06 0443 231 06 0 000 DR= R RFC=			50044
BRINNITZ, ROLLIN S NICHKY R (M/M/J) BENDER, DAVID M TR 3313 YARMOUTH AVE SUNLAND, CA 91716 E 13.33 AC N 1/2 NE 1/4 SE 1/4 SEC 21 TP 6N R 3W EX M/L RTS RESERVATION OF RECORD 15.33 AC M/L	21038	0443 231 07 0443 231 07 0 000 DR= R RFC=			13379
WIDE INVESTMENTS C/O BIRAN CANADA 430 P. GUEVARRA, CORNER WILSON ST. SAN JUAN RIZAL, PHILIPPINES E 13.33 AC E 1/2 NE 1/4 SE 1/4 SEC 21 TP 6N R 3W EX M/L RTS RESERVATION OF RECORD 15.33 AC M/L	21038	0443 231 08 0443 231 08 0 000 DR= R RFC=			13379
FAY, JAMES S TR 120 GARDILL DR SUNLAND, CA 91714 M 1/3 S 1/2 SE 1/4 SEC 21 TP 6N R 3W EX THEREOF IS 491.09 FT W 1/3 THEREOF 43.60 AC M/L	21038	0443 231 09 0443 231 09 0 000 DR= R RFC=			44354
BOUDRE, JAMES V BOUDRE, JUANITA V 8805 12TH AVE IMPERIAL, CA 92305 M 491.09 FT OF PUL BECC PROP M 1/2 M 1/2 SE 1/4 AND M 1/2 E 1/2 M 1/2 SE 1/4	21038	0443 231 10 0443 231 10 0 000 DR= R RFC=			
PAGE TOTALS			131338		131338

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ASSESSED PURSUANT TO CONSTITUTIONAL AND STATUTORY PROVISIONS
 FOR DETAILED EXPLANATION OF ALL INDEBITED AND BURDENED, SEE PAGE 11

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ASSESSED PURSUANT TO CONSTITUTIONAL AND STATUTORY PROVISIONS
 FOR DETAILED EXPLANATION OF ALL INDEBITED AND BURDENED, SEE PAGE 11

ASSESSMENT YEAR	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	EXEMPTIONS OTHER	TOTAL TAXABLE VALUE	
21030	0463 231 07	0463 231 07 000	15579					15579	10
<p>WIDE INVESTMENTS</p> <p>CAR SHAM CARADA</p> <p>430 P. GUEVARRA, CORNER WILSON ST. SAN JUAN RIZAL, PHILIPPINES</p> <p>6 13.33 AC 2 1/2 NE 1/4 SE 1/4 SEC 21 TP 6M R 3M EX RECORD 13.33 AC N/L</p>									
21030	0463 231 08	0463 231 08 000	15579					15579	20
<p>PAV, JAMES G TR</p> <p>124 GANNETT DR LINDSEY, CA 92534</p> <p>M 2/3 1/2 SE 1/4 SEC 21 TP 6M R 3M EX THEREFROM N 491.09 FT W 1/3 THEREOF 43.40 AC N/L</p>									
21030	0463 231 09	0463 231 09 000	44354					44354	30
<p>BORGHE, JAMES F</p> <p>BORGHE, JUANITA Y</p> <p>8805 12TH AVE INGLEWOOD, CA 90305</p> <p>N 491.09 FT OF POL. DESC PROP W 1/2 N 1/2 SE 1/4 AND N 1/2 E 1/2 N 1/2 SE 1/4</p>									
PAGE TOTALS			131550					131550	60

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ASSESSED PURSUANT TO THE CONSTITUTION AND STATUTE
 OF THE STATE OF CALIFORNIA.
 ALL INDEMNITIES AND DAMAGES
 FOR DETAILS EXPLAINED.

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ASSESSED PURSUANT TO THE CONSTITUTION AND STATUTE
 OF THE STATE OF CALIFORNIA.
 ALL INDEMNITIES AND DAMAGES
 FOR DETAILS EXPLAINED.

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ASSESSMENT YEAR	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	EXEMPTIONS OTHER	TOTAL TAXABLE VALUE	
/CONTINUED/									
21030	0463 231 10	0463 231 10 000	11615					11615	1
<p>COVE, ARTHUR J</p> <p>COVE, ELAINE R</p> <p>5105 HERRILL ST TORRANCE, CA 90503</p> <p>N 1/2 NE 1/4 NE 1/4 SW 1/4 SEC 21 1/2 6M R 3M 5 AC N/L</p>									
21030	0463 231 11	0463 231 11 000	15530					15530	12
<p>COVE, ARTHUR J</p> <p>COVE, ELAINE R</p> <p>5105 HERRILL ST TORRANCE, CA 90503</p> <p>N 1/2 NW 1/4 NE 1/4 SW 1/4 SEC 21 TP 6M R 3M 5 AC N/L</p>									
21030	0463 231 12	0463 231 12 000	13330					13330	18
<p>BAGGAY, RONALD S</p> <p>BAGGAY, NORMA L</p> <p>11246 WESTHILL DR SAN DIEGO, CA 92124</p> <p>N 1/2 NE 1/4 NW 1/4 SW 1/4 SEC 21 TP 6M R 3M 5 AC N/L</p>									
21030	0463 231 13	0463 231 13 000	30233					30233	26
<p>TEJADA, ALFREDO T</p> <p>TEJADA, BERLINDA R</p> <p>10166 SAN RAMON DR SAN DIEGO, CA 92126</p> <p>N 1/2 NW 1/4 NW 1/4 SW 1/4 SEC 21 TP 6M R 3M EX ST</p>									
21030	0463 231 14	0463 231 14 000	35553					35553	29
<p>HEMS, ROBERT TR</p> <p>HU, JOY TR</p> <p>17946 WYVERLING ST ORANADA HILLS, CA 91344</p> <p>R 1/2 N 1/2 NW 1/4 SW 1/4 SEC 21 TP 6M R 3M EX ST</p>									
21030	0463 231 15	0463 231 15 000	32000					32000	32
PAGE TOTALS			140461					140461	60

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ASSESSED PURSUANT TO THE CONSTITUTION AND STATUTE
 OF THE STATE OF CALIFORNIA.
 ALL INDEMNITIES AND DAMAGES
 FOR DETAILS EXPLAINED.

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF.
 PROPERTY ASSESSED PURSUANT TO THE CONSTITUTION AND STATUTE
 OF THE STATE OF CALIFORNIA.
 ALL INDEMNITIES AND DAMAGES
 FOR DETAILS EXPLAINED.

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ASSESSMENT YEAR	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	EXEMPTIONS OTHER	TOTAL TAXABLE VALUE	
/CONTINUED/									

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS COUNTY OF SAN BERNARDINO PROPERTY ASSESSED PURSUANT TO CHAPTER 461, AND CHAPTER 462, AND CHAPTER 463, AND CHAPTER 464, AND CHAPTER 465, AND CHAPTER 466, AND CHAPTER 467, AND CHAPTER 468, AND CHAPTER 469, AND CHAPTER 470, AND CHAPTER 471, AND CHAPTER 472, AND CHAPTER 473, AND CHAPTER 474, AND CHAPTER 475, AND CHAPTER 476, AND CHAPTER 477, AND CHAPTER 478, AND CHAPTER 479, AND CHAPTER 480, AND CHAPTER 481, AND CHAPTER 482, AND CHAPTER 483, AND CHAPTER 484, AND CHAPTER 485, AND CHAPTER 486, AND CHAPTER 487, AND CHAPTER 488, AND CHAPTER 489, AND CHAPTER 490, AND CHAPTER 491, AND CHAPTER 492, AND CHAPTER 493, AND CHAPTER 494, AND CHAPTER 495, AND CHAPTER 496, AND CHAPTER 497, AND CHAPTER 498, AND CHAPTER 499, AND CHAPTER 500.

ASSESSMENT YEAR	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	TOTAL PROPERTY	EXEMPTED	EXEMPTED OTHER	TOTAL MARKET VALUE
1995	21030	0443 231 12 0 000 DR= R RFC=			15530			15530
TORRANCE, CA 90303 N 1/2 NW 1/4 NE 1/4 SW 1/4 SEC 21 TP 6N R 3M 5 AC N/L								
1995	21030	0443 231 13 0 000 DR= R RFC=						
BAGBY, RONALD S BAGBY, MONA L 11245 WESTMONTA DR SAN DIEGO, CA 92126								
1995	21030	0443 231 13 0 000 DR= R RFC=			30233			30233
N 1/2 NE 1/4 SW 1/4 SW 1/4 SEC 21 TP 6N R 3M 5 AC N/L								
1995	21030	0443 231 14 0 000 DR= R RFC=						
TEJADA, ALFREDO T TEJADA, ERLINDA M 10146 SAN RAMON DR SAN DIEGO, CA 92126								
1995	21030	0443 231 14 0 000 DR= R RFC=			35553			35553
N 1/2 NW 1/4 NW 1/4 SW 1/4 SEC 21 TP 6N R 3M EX ST								
1995	21030	0443 231 15 0 000 DR= J RFC= R						
HEMS, ROBERT TR MS, JOY TR 17908 MYRTLE ST GRANDDA HILLS, CA 91344								
1995	21030	0443 231 15 0 000 DR= J RFC= R			32000			32000
S 1/2 N 1/2 NW 1/4 SW 1/4 SEC 21 TP 6N R 3M EX ST								
				PAGE TOTALS	140441			140441

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS COUNTY OF SAN BERNARDINO PROPERTY ASSESSED PURSUANT TO CHAPTER 461, AND CHAPTER 462, AND CHAPTER 463, AND CHAPTER 464, AND CHAPTER 465, AND CHAPTER 466, AND CHAPTER 467, AND CHAPTER 468, AND CHAPTER 469, AND CHAPTER 470, AND CHAPTER 471, AND CHAPTER 472, AND CHAPTER 473, AND CHAPTER 474, AND CHAPTER 475, AND CHAPTER 476, AND CHAPTER 477, AND CHAPTER 478, AND CHAPTER 479, AND CHAPTER 480, AND CHAPTER 481, AND CHAPTER 482, AND CHAPTER 483, AND CHAPTER 484, AND CHAPTER 485, AND CHAPTER 486, AND CHAPTER 487, AND CHAPTER 488, AND CHAPTER 489, AND CHAPTER 490, AND CHAPTER 491, AND CHAPTER 492, AND CHAPTER 493, AND CHAPTER 494, AND CHAPTER 495, AND CHAPTER 496, AND CHAPTER 497, AND CHAPTER 498, AND CHAPTER 499, AND CHAPTER 500.

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PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS COUNTY OF SAN BERNARDINO PROPERTY ASSESSED PURSUANT TO CHAPTER 461, AND CHAPTER 462, AND CHAPTER 463, AND CHAPTER 464, AND CHAPTER 465, AND CHAPTER 466, AND CHAPTER 467, AND CHAPTER 468, AND CHAPTER 469, AND CHAPTER 470, AND CHAPTER 471, AND CHAPTER 472, AND CHAPTER 473, AND CHAPTER 474, AND CHAPTER 475, AND CHAPTER 476, AND CHAPTER 477, AND CHAPTER 478, AND CHAPTER 479, AND CHAPTER 480, AND CHAPTER 481, AND CHAPTER 482, AND CHAPTER 483, AND CHAPTER 484, AND CHAPTER 485, AND CHAPTER 486, AND CHAPTER 487, AND CHAPTER 488, AND CHAPTER 489, AND CHAPTER 490, AND CHAPTER 491, AND CHAPTER 492, AND CHAPTER 493, AND CHAPTER 494, AND CHAPTER 495, AND CHAPTER 496, AND CHAPTER 497, AND CHAPTER 498, AND CHAPTER 499, AND CHAPTER 500.

ASSESSMENT YEAR	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	TOTAL PROPERTY	EXEMPTED	EXEMPTED OTHER	TOTAL MARKET VALUE
1995	21030	0443 231 16 0 000 DR= R RFC=			48372			48372
HARILDI, GARY R HARILDI, JANET M 4138 OLIVERA CT CHINO, CA 91710								
1995	21030	0443 231 16 0 000 DR= J RFC= R			32000			32000
N 1/2 N 1/2 NE 1/4 SW 1/4 SEC 21 TP 6N R 3M EX ST								
1995	21030	0443 231 19 0 000 DR= J RFC= R			32000			32000
BYRNE, MICHAEL R BYRNE, TERRY 4444 E BROADWAY TUSTON, AZ 85711								
1995	21030	0443 231 19 0 000 DR= J RFC= R			32000			32000
N 1/2 N 1/2 SW 1/4 SW 1/4 SEC 21 TP 6N R 3M EX ST								
1995	21030	0443 231 26 0 000 DR= J RFC= R			64000			64000
WANG, JUNG-JI WANG, CHIAO-CHIUNG 123 SAN JOSE LA PLACENTIA, CA 92670								
1995	21030	0443 231 27 0 000 DR= R RFC=			20430			20430
FAY, JAMES G TR C/O SINDRA, GEORGINA 1317 N V ST RD 220 LOWPEC, CA 95456								
1995	21030	0443 231 28 0 000 DR= J RFC= R			33000			33000
N 1/2 SW 1/4 SE 1/4 SEC 21 TP 6N R 3M 20 AC								
1995	21030	0443 231 28 0 000 DR= J RFC= R			33000			33000
DOMINGUE, MONTE L ETAL SCHULTZ, GERHARD L & EILEEN A TRS 18351 BUENA VISTA AVE YORBA LINDA, CA 92484								
1995	21030	0443 231 28 0 000 DR= J RFC= R			33000			33000
N 1/2 SE 1/4 SE 1/4 SEC 21 TP 6N R 3M 10 AC								
				PAGE TOTALS	231802			231802

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS COUNTY OF SAN BERNARDINO PROPERTY ASSESSED PURSUANT TO CHAPTER 461, AND CHAPTER 462, AND CHAPTER 463, AND CHAPTER 464, AND CHAPTER 465, AND CHAPTER 466, AND CHAPTER 467, AND CHAPTER 468, AND CHAPTER 469, AND CHAPTER 470, AND CHAPTER 471, AND CHAPTER 472, AND CHAPTER 473, AND CHAPTER 474, AND CHAPTER 475, AND CHAPTER 476, AND CHAPTER 477, AND CHAPTER 478, AND CHAPTER 479, AND CHAPTER 480, AND CHAPTER 481, AND CHAPTER 482, AND CHAPTER 483, AND CHAPTER 484, AND CHAPTER 485, AND CHAPTER 486, AND CHAPTER 487, AND CHAPTER 488, AND CHAPTER 489, AND CHAPTER 490, AND CHAPTER 491, AND CHAPTER 492, AND CHAPTER 493, AND CHAPTER 494, AND CHAPTER 495, AND CHAPTER 496, AND CHAPTER 497, AND CHAPTER 498, AND CHAPTER 499, AND CHAPTER 500.

PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN FRANCISCO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 313, TITLE 26, PART 1
 OF THE GOVERNMENT CODE, AS AMENDED
 FOR DETAILS OF APPLICABLE TAX RATES, EXEMPTIONS AND OTHER INFORMATION, SEE PAGE 1

NAME, POST OFFICE ADDRESS, IF APPLICABLE, AND DESCRIPTION OF PROPERTY	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERMANENT IMPROVEMENTS	EXEMPTIONS	TOTAL TAXABLE VALUE	
BYRNE, MICHAEL G BYRNE, TERRY 4444 E BROADWAY TUSTON, AZ 85711 S 1/2 N 1/2 SW 1/4 SW 1/4 SEC 21 TP 6N R 3W	21030	0463 231 19 0463 231 19 0 000 DR= J RFC= R						33000
WANG, JUNG-JI WANG, CHIAO-CHIUNG 125 SAN JOSE LA PLACENTIA, CA 92679 N 1/2 SW 1/4 SE 1/4 SEC 21 TP 6N R 3W 20 AC	21030	0463 231 26 0463 231 26 0 000 DR= J RFC= R					64000	33000
C/O SINDRA, GEORGINA 1317 N V ST NO 220 LAWRENCE, CA 94544 E 1/2 SW 1/4 SE 1/4 SEC 21 TP 6N R 3W 20 AC	21030	0463 231 27 0463 231 27 0 000 DR= R RFC=					20430	33000
DOONIKS, MONTE L ETAL SCHULTZ, GERHARD L & EILEEN A TRS 18331 GUNDA VISTA AVE TERRA LINDA, CA 92684 N 1/2 SE 1/4 SE 1/4 SEC 21 TP 6N R 3W 10 AC	21030	0463 231 28 0463 231 28 0 000 DR= J RFC= R					33000	33000
PAGE TOTALS							231802	33000

PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN FRANCISCO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 313, TITLE 26, PART 1
 OF THE GOVERNMENT CODE, AS AMENDED
 FOR DETAILS OF APPLICABLE TAX RATES, EXEMPTIONS AND OTHER INFORMATION, SEE PAGE 1

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NAME CHANGES OR OTHER INFORMATION IS
 INDICATED BY A * * *
 OR BY A * * *

FOR THE COUNTY OF SHERIDAN, WYOMING
 FOR THE YEAR 1995

NAME, POST OFFICE ADDRESS, IF APPLICABLE, AND DESCRIPTION OF PROPERTY	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERMANENT IMPROVEMENTS	EXEMPTIONS	TOTAL TAXABLE VALUE	
KIPLINGER, PHILIP R P O BOX 1224 APPLE VALLEY CA 92307 E 13.33 AC S 1/2 SE 1/4 SE 1/4 SEC 21 TP 6N R 3W EX MIN RTS RESERVATION OF RECORD 15.33 AC	21030	0463 231 30 0463 231 30 0 000 DR= R RFC=					64807	64807
BYRNE, MICHAEL G BYRNE, TERRY 4444 E BROADWAY TUSTON, AZ 85711 SW 1/4 SE 1/4 SW 1/4 SEC 21 TP 6N R 3W	21030	0463 231 31 0463 231 31 0 000 DR= J RFC= R					33000	33000
BUDWEIER, GLENN W 14233 HWY 138 MESTRIA, CA 92343 N 1/2 NE 1/4 SE 1/4 SW 1/4 SEC 21 TP 6N R 3W	21030	0463 231 32 0463 231 32 0 000 DR= J RFC= R					17000	17000
MUNDREDA, BARRELL M MUNDREDA, BARBARA L 2804 LOUISE AVE KINGMAN, AZ 86401 S 1/2 NE 1/4 SE 1/4 SW 1/4 SEC 21 TP 6N R 3W	21030	0463 231 33 0463 231 33 0 000 DR= J RFC= R					17000	17000
KIPLINGER, PHILIP R TR 19459 SHASTA RD APPLE VALLEY, CA 92307 PARCEL MAP 2805 PARCEL NO 1	21030	0463 231 34 0463 231 34 0 000 DR= R RFC=					25119	25119
PAGE TOTALS							154926	154926

PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN FRANCISCO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 313, TITLE 26, PART 1
 OF THE GOVERNMENT CODE, AS AMENDED
 FOR DETAILS OF APPLICABLE TAX RATES, EXEMPTIONS AND OTHER INFORMATION, SEE PAGE 1

PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN FRANCISCO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 313, TITLE 26, PART 1
 OF THE GOVERNMENT CODE, AS AMENDED
 FOR DETAILS OF APPLICABLE TAX RATES, EXEMPTIONS AND OTHER INFORMATION, SEE PAGE 1

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1995

NAME CHANGES OR OTHER INFORMATION IS
 INDICATED BY A * * *
 OR BY A * * *

FOR THE COUNTY OF SHERIDAN, WYOMING
 FOR THE YEAR 1995

NAME, POST OFFICE ADDRESS, IF APPLICABLE, AND DESCRIPTION OF PROPERTY	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERMANENT IMPROVEMENTS	EXEMPTIONS	TOTAL TAXABLE VALUE	
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14-108-111
 PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995.
 PROPERTY ADRESSED PARCELS, TAX RATES, AND EXEMPTIONS.
 SECURED ROLL
 FOR DETAILS SEE PARCELS OF ALL PARCELS AND OTHERS

NAME, POST OFFICE ADDRESS, IF KNOWN, AND DESCRIPTION OF PROPERTY	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	OTHER	TOTAL TAXABLE VALUE	ACRES
SUDMEIER, GLENN W 34231 HWY 120 MESA, CA 92343 N 1/2 NE 1/4 SE 1/4 SW 1/4 SEC 21 TP 6N R 3W	21030	0443 231 31 000 0443 231 32 0 000 DR= J RFC= R	33000					33000	10
SUDMEIER, GLENN W 34231 HWY 120 MESA, CA 92343 N 1/2 NE 1/4 SE 1/4 SW 1/4 SEC 21 TP 6N R 3W	21030	0443 231 32 000 0443 231 32 0 000 DR= J RFC= R	17000					17000	20
HERNSTON, DARRELL W HERNSTON, BARBARA L 2804 LOUISE AVE KINGMAN, AZ 86401 S 1/2 NE 1/4 SE 1/4 SW 1/4 SEC 21 TP 6N R 3W	21030	0443 231 33 000 0443 231 33 0 000 DR= R RFC= R	17000					17000	20
KEPLINGER, PHILIP R TR 19459 SHASTA RD APPLE VALLEY, CA 92307 PARCEL MAP 2803 PARCEL NO 1	21030	0443 231 34 000 0443 231 34 0 000 DR= R RFC= R	23119					23119	20
PAGE TOTALS			156926					156926	20

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 PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995.
 PROPERTY ADRESSED PARCELS, TAX RATES, AND EXEMPTIONS.
 SECURED ROLL
 FOR DETAILS SEE PARCELS OF ALL PARCELS AND OTHERS

1995

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NAME, POST OFFICE ADDRESS, IF KNOWN, AND DESCRIPTION OF PROPERTY
 TAX RATE AREA
 PARCEL
 LAND
 IMPROVEMENTS
 PERSONAL PROPERTY
 EXEMPTIONS
 OTHER
 TOTAL TAXABLE VALUE
 ACRES

NAME, POST OFFICE ADDRESS, IF KNOWN, AND DESCRIPTION OF PROPERTY	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	OTHER	TOTAL TAXABLE VALUE	ACRES
KEPLINGER, PHILIP R TR 19459 SHASTA RD APPLE VALLEY, CA 92307 PARCEL MAP 2803 PARCEL NO 2	21030	0443 231 35 000 0443 231 35 0 000 DR= R RFC= R	14473					24473	12
KEPLINGER, PHILIP R TR 19459 SHASTA RD APPLE VALLEY, CA 92307 PARCEL MAP 2803 PARCEL NO 3	21030	0443 231 36 000 0443 231 36 0 000 DR= R RFC= R	34000					34000	20
LEVITZ, WILLIAM R ETAL OLVING, SUSAN T 7753 ANILLO WAY CARLSBAD, CA 92008 PARCEL MAP 2803 PARCEL NO A	21030	0443 231 37 000 0443 231 37 0 000 DR= R RFC= R	8193					8193	20
WILLIAMSON, ROBERT J WILLIAMSON, LINDA S 14327 CORRY CT CHINO, CA 91709 PARCEL MAP 6738 PARCEL NO 1	21030	0443 231 38 000 0443 231 38 0 000 DR= J RFC= R	32000					32000	20
FORDSON, JACQUE A FORDSON, IRANBOZNY P O BOX 8092 VICTORVILLE, CA 92392 PARCEL MAP 6738 PARCEL NO 4	21030	0443 231 41 000 0443 231 41 0 000 DR= R RFC= R	30000					30000	20
MUSSELL, DONNA S MUSSELL, DONNA S 21754 LA BALLE CANYON MIRAMAL, CA 91321 N 1/2 E 1/2 SE 1/4 AC N 1/2 SE 1/4 SEC 21 TP 6N R 3W EX HGL NYS	21030	0443 231 42 000 0443 231 42 0 000 DR= F RFC= R							20
PAGE TOTALS			128446					128446	20

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 PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995.
 PROPERTY ADRESSED PARCELS, TAX RATES, AND EXEMPTIONS.
 SECURED ROLL
 FOR DETAILS SEE PARCELS OF ALL PARCELS AND OTHERS

NAME, POST OFFICE ADDRESS, IF KNOWN, AND DESCRIPTION OF PROPERTY	TAX RATE AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	OTHER	TOTAL TAXABLE VALUE	ACRES
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PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN DIEGO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 462, V.C.
 FOR DETAILED EXPLANATION OF ALL MEASURES AND EXEMPTIONS, SEE PAGE A

ASSESSMENT YEAR	NAME, POST OFFICE ADDRESS, IF KNOWN, AND DESCRIPTION OF PROPERTY	TAX MAP AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	EXEMPTIONS OTHER	TOTAL TAXABLE VALUE	
21038	LEWIS, WILLIAM R ETAL BLAINE, SUSAN T 7733 ANILLO WAY CARLSBAD, CA 92008 PARCEL MAP 2803 PARCEL NO A		0443 231 37	8193					34000	18
21038	WILLIAMSON, ROBERT J WILLIAMSON, LINDA D 14527 CREST CT CHINO, CA 91709 PARCEL MAP 6738 PARCEL NO 1		0443 231 38	8193					8193	21
21038	FORBOSH, JOSEPH A FORBOSH, IRANBOOZY P O BOX 8092 VICTORVILLE, CA 92398 PARCEL MAP 6738 PARCEL NO 4		0443 231 41	8193					32000	20
21038	MUSSELL, DONNA S MUSSELL, DONNA S 23734 LA SALLE CANYON HEMLOCK, CA 91321 N 1/2 E 15.33 AC N 1/2 SE 1/4 OR 1/4 SEC 21 TP 6N R 3W EX H&L RTS		0443 231 42						30000	22
	PAGE TOTALS			128646					128646	24

PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN DIEGO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 462, V.C.
 FOR DETAILED EXPLANATION OF ALL MEASURES AND EXEMPTIONS, SEE PAGE A

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PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN DIEGO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 462, V.C.
 FOR DETAILED EXPLANATION OF ALL MEASURES AND EXEMPTIONS, SEE PAGE A

ASSESSMENT YEAR	NAME, POST OFFICE ADDRESS, IF KNOWN, AND DESCRIPTION OF PROPERTY	TAX MAP AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	EXEMPTIONS OTHER	TOTAL TAXABLE VALUE	
	RESERVATION OF RECORD		0443 231 42	8193					21678	9
21038	CHRYN, H DAVID ETAL HAWLEY, DAVID J & BOREN TR 4594 BLANCA DR CYPRESS, CA 90430 S 1/2 E 15.33 AC N 1/2 SE 1/4 OR 1/4 SEC 21 TP 6N R 3W EX H&L RTS RESERVATION OF RECORD		0443 231 43							8
21038	JANSON, BRADLEY W 10888 CHALM DR LOS ANGELES, CA 90077 PARCEL MAP 6738 N 1/2 N 1/2 PARCEL 2 (CC 4-9-87 887-117019 AND 00 2-12-87 887-047811)		0443 231 44	8193					6291	12
21038	DE ROBERTIS, MARK DE ROBERTIS, ELIZABETH F 475 JACKSON ST PASADENA, CA 91104 PARCEL MAP 6738 E 1/2 N 1/2 PARCEL 2 (CC 4-9-87 887-117019 AND 00 2-12-87 887-047811)		0443 231 45	8193					6291	13
21038	STARK, WENDY DE ROBERTIS 1490 LOMA VISTA ST PASADENA, CA 91104 PARCEL MAP 6738 E 1/2 S 1/2 PARCEL 2 (CC 4-9-87 887-117021 AND 00 2-12-87 887-047811)		0443 231 46	8193					6291	14
	PAGE TOTALS			48340					48340	25

PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN DIEGO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 462, V.C.
 FOR DETAILED EXPLANATION OF ALL MEASURES AND EXEMPTIONS, SEE PAGE A

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PRELIMINARY ASSESSMENT ROLL OF THE COUNTY OF SAN DIEGO
 PROPERTY ASSESSED PURSUANT TO CHAPTER 462, V.C.
 FOR DETAILED EXPLANATION OF ALL MEASURES AND EXEMPTIONS, SEE PAGE A

ASSESSMENT YEAR	NAME, POST OFFICE ADDRESS, IF KNOWN	TAX MAP AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS	EXEMPTIONS OTHER	TOTAL TAXABLE VALUE	
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PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS ROLL IS SUBJECT TO CORRECTION AND SUPPLEMENTATION. FOR DETAILED EXPLANATION OF ALL HEADINGS AND SYMBOLS, SEE PAGE A.

ASSESSOR'S YEAR	TAX MAP AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS (SEE 10)	EXEMPTION OTHER	TOTAL TAXABLE VALUE	
21038	0443 231 44	BY89	6291					6291	21
DE ROBERTIS, MARK DE ROBERTIS, ELIZABETH F 473 JACKSON ST PASADENA, CA 91104 PARCEL MAP 6738 E 1/2 S 1/2 PARCEL 2 (CC 4-9-87 887-117019 AND 00 2-12-87 887-047811)									
21038	0443 231 45	BY89	6291					6291	22
DE ROBERTIS, MARK DE ROBERTIS, ELIZABETH F 473 JACKSON ST PASADENA, CA 91104 PARCEL MAP 6738 E 1/2 S 1/2 PARCEL 2 (CC 4-9-87 887-117019 AND 00 2-12-87 887-047811)									
21038	0443 231 45	BY89	6291					6291	23
STARK, HENRY DE ROBERTIS 1490 LOMA VISTA ST PASADENA, CA 91104 PARCEL MAP 6738 E 1/2 S 1/2 PARCEL 2 (CC 4-9-87 887-117021 AND 00 2-12-87 887-047811)									
	0443 231 45	BY89	6291					6291	24
PAGE TOTALS									
			48340					48340	25

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS ROLL IS SUBJECT TO CORRECTION AND SUPPLEMENTATION. FOR DETAILED EXPLANATION OF ALL HEADINGS AND SYMBOLS, SEE PAGE A.

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HIGH CHANGES EXEMPTION IS
 REFLECTED BY SYMBOL **
 (SEE DIV OF A SYMBOL)

THE USE OF THIS ROLL IS LIMITED TO
 THE COUNTY OF SAN BERNARDINO, CALIF.

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PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS ROLL IS SUBJECT TO CORRECTION AND SUPPLEMENTATION. FOR DETAILED EXPLANATION OF ALL HEADINGS AND SYMBOLS, SEE PAGE A.

ASSESSOR'S YEAR	TAX MAP AREA	PARCEL	LAND	IMPROVEMENTS	PERSONAL PROPERTY	EXEMPTIONS (SEE 10)	EXEMPTION OTHER	TOTAL TAXABLE VALUE	
21038	0443 231 47	BY88	6291					6291	12
JANDOBEN, KENT G JANDOBEN, GALE W 10888 CHALON RD LOS ANGELES, CA 90077 PARCEL MAP 6738 W 1/2 S 1/2 PARCEL 2 (CC 4-9-87 887-117022 AND 00 2-12-87 887-047811)									
21038	0443 231 48	BY89	4971					4971	13
WATANABE, LYNN H TR 62 PUEBLO RD HONOLULU, HI 96817 PARCEL MAP 10863 PARCEL NO 1									
21038	0443 231 49	BY89	8957					8957	14
WATANABE, LYNN H TR 62 PUEBLO RD HONOLULU, HI 96817 PARCEL MAP 10863 PARCEL NO 2									
21038	0443 231 50	BY89	6090					6090	15
WATANABE, LYNN H TR 62 PUEBLO RD HONOLULU, HI 96817 PARCEL MAP 10863 PARCEL NO 3									
21038	0443 231 51	BY89	4361					4361	16
WATANABE, LYNN H TR 62 PUEBLO RD HONOLULU, HI 96817 PARCEL MAP 10863 PARCEL NO 4									
PAGE TOTALS									
			31450					31450	17

PRELIMINARY ASSESSMENT ROLL OF PROPERTY IN THE COUNTY OF SAN BERNARDINO, CALIF. FOR THE YEAR 1995. THIS ROLL IS SUBJECT TO CORRECTION AND SUPPLEMENTATION. FOR DETAILED EXPLANATION OF ALL HEADINGS AND SYMBOLS, SEE PAGE A.

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ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX H

NEWSPAPERS/JOURNALS
(not used)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX I

INTERVIEWS

APPENDIX I

INTERVIEWS

TABLE OF CONTENTS

I-1	SFC Marshall White
I-2	California Highway Patrol Office Representative
I-3	Sheriff's Office, Victorville
I-4	Edward Laska
I-5	Wayne Fowlie

CONVERSATION RECORD

TIME: 1100 hours

DATE: 17 April 1996

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

Person Contacted:

Organization:

Telephone Number:

SFC Marshall White

259th EOD

(619) 380-4092

Subject: Interview related to Present-day OE Contamination Assessment of former Victorville PBR

Summary: SFC White had been contacted months ago by telephone by the historical research team. He reiterated to the SI team the negative information he had previously given the historical research team. SFC White stated that his unit has never responded to any OE discoveries at Victorville PBR # 1.

ACTION REQUIRED: None.

ACTION TAKEN: None.

INTERVIEWER:

ORGANIZATION:

TELEPHONE NUMBER:

W. Akins

USATCES, SIOAC-ESL
Savanna, IL

(815) 273-8538

SIGNATURE:

TITLE:

DATE:

QASAS

3 June 1996

CONVERSATION RECORD

TIME: 1440 hours

Date: 18 April 1996

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

Person Contacted:

Organization:

Telephone Number:

Highway Patrol Office,
Victorville

Subject: Interview related to Present-day OE Contamination Assessment
of former Victorville PBR

SUMMARY: The Highway Patrol's Office representative with whom the SI
team spoke had no knowledge of OE discoveries at the FUDS. The
representative was certain the Victorville office has never been
notified of any OE discoveries at the FUDS.

ACTION REQUIRED: None

ACTION TAKEN: None

INTERVIEWER:

ORGANIZATION:

TELEPHONE NUMBER:

W. Akins

USATCES, SIOAC-ESL

(815) 272-8538

SIGNATURE:

TITLE:

DATE:

QASAS

3 June 1996

CONVERSATION RECORD

TIME: 1400 hours

Date: 18 April 1996

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

Person Contacted:

Organization:

Telephone Number:

Sheriff's Office,
Victorville

Subject: Interview related to Present-day OE Contamination Assessment
of former Victorville PBR # 1

SUMMARY: The Sheriff's Office representative with whom the SI team
spoke had no knowledge of OE discoveries at the FUDS. The
representative was certain the Victorville office has never responded
to any OE discoveries at the FUDS.

ACTION REQUIRED: None

ACTION TAKEN: None

INTERVIEWER:

ORGANIZATION:

TELEPHONE NUMBER:

W. Akins

USATCES, SIOAC-ESL

(815) 272-8538

SIGNATURE:

TITLE:

DATE:

QASAS

3 June 1996

CONVERSATION RECORD

TIME: 1030 hours

DATE: 20 April 1996

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

Person Contacted:

Organization:

Telephone Number:

Edward Laska

Civilian

(619) 242-5746

Subject: Interview related to Present-day OE Contamination Assessment of former Victorville PBR # 1

SUMMARY: Mr. Edward Laska was stationed at Victorville in 1943-1945. He was involved in the tear down and preservation of aircraft. He stated that he knew of the bombing ranges located around Victorville, but did not know of their exact location nor the exact purpose of each target. When asked specifically about PBR's 1, 13, or Y he did not know any details about any of the targets.

Mr. Laska was familiar with present-day active ranges located in the Cuttieback region. (This is the area that is used by the Marine Corps at Twenty Nine Palms, California.)

Mr. Laska had no knowledge of any ammunition items that might have been found on the subject targets nor did he know what type of munitions might have been used on the ranges.

ACTION REQUIRED: None

ACTION TAKEN: None

INTERVIEWER:

ORGANIZATION:

TELEPHONE:

W. Akins

USATCES, SIOAC-ESL
Savanna, IL

(815) 273-8538

SIGNATURE:

TITLE:

DATE:

QASAS

3 June 1996

CONVERSATION RECORD

TIME: 1500 hours

DATE: 20 April 1996

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

Person Contacted:

Organization:

Telephone Number:

Wayne Fowlie

Civilian

(619) 240-2111

Subject: Interview related to Present-day OE Contamination Assessment
of former Victorville PBR # 1

SUMMARY: Mr. Wayne Fowlie was not involved with ranges and target
associated with Victorville. He had no knowledge of PBR 1, 13, or Y.

Mr. Fowlie was a rocket engineer working at China Lake. He was
involved in the Tiny Tim rocket.

Mr. Fowlie knew of no ammunition items, demolition ranges, or targets
relevant to this investigation.

ACTION REQUIRED: None

ACTION TAKEN: None

INTERVIEWER:

ORGANIZATION:

TELEPHONE:

W. Akins

USATCES, SIOAC-ESL
Savanna, IL

(815) 273-8538

SIGNATURE:

TITLE:

DATE:

QASAS

3 June 1996

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX J
PRESENT SITE PHOTOGRAPHS

APPENDIX J

PRESENT SITE PHOTOGRAPHS

TABLE OF CONTENTS

- J-1 View of FUDS from southwestern corner of site.
- J-2 View of FUDS from northwestern corner of site.
- J-3 View looking northwest, showing vehicle tracks running through a portion of the site.
- J-4 Remnant of partially-buried M38A2 100 lb sand-filled practice bomb.
- J-5 Remnant of spotting charge used in M38A2 practice bomb - discovered on southern boundary of site.
- J-6 View of some debris piles located on site.
- J-7 An example of hundreds of bullet-riddled metal cans - evidence of civilian target practice.
- J-8 Northward view. Extensive vehicle use evidenced by tire tracks.

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX L

REFERENCE MAPS/DRAWINGS

APPENDIX L

REFERENCE MAPS/DRAWINGS

TABLE OF CONTENTS

L-1	Topographical map of Victorville PBR # 1 (Section 21) (B-21)
-----	---

180

7-6-69

6-116

GS-VCGN



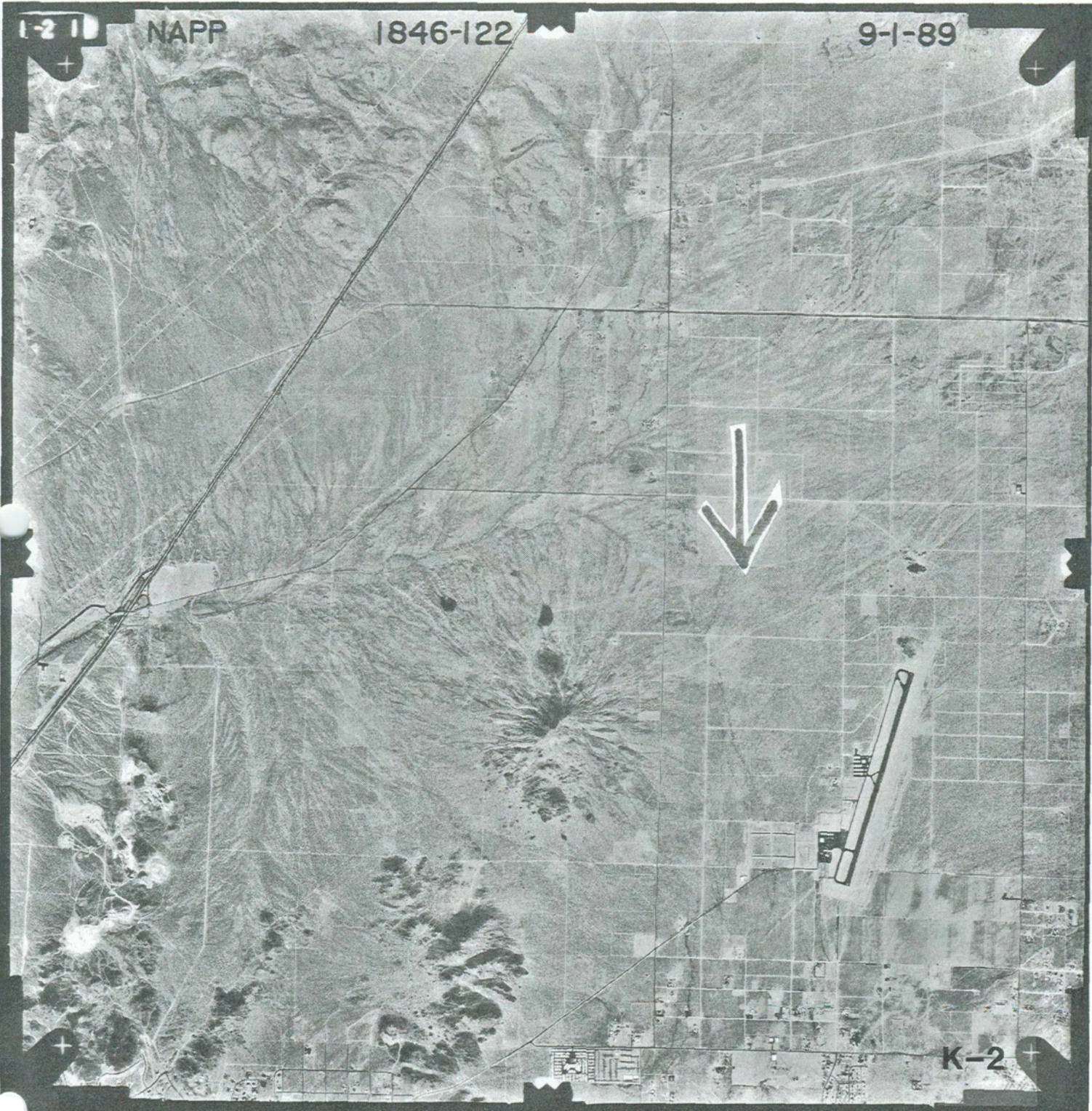
K-1

1-2 I

NAPP

1846-122

9-1-89



K-2

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX K
HISTORICAL PHOTOGRAPHS



J-1 View of FUDS from southwestern corner of site.



J-2 View of FUDS from northwestern corner of site.



J-3 View looking northwest, showing vehicle tracks running through a portion of the site.



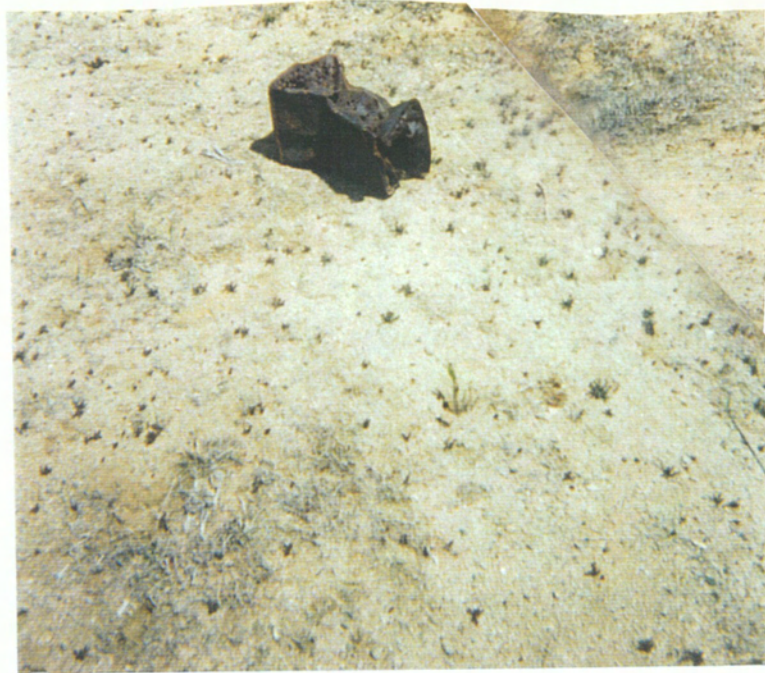
J-4 Remnant of partially-buried M38A2 100 lb sand-filled practice bomb.



J-5 Remnant of spotting charge used in M38A2 practice bomb - discovered on southern boundary of site.



J-6 View of some debris piles located on site.



J-7 An example of the hundreds of bullet-riddled cans on site - evidence of civilian target practice.



J-8 Northward view. Extensive vehicle use evidenced by tire tracks.

APPENDIX K

HISTORICAL PHOTOGRAPHS

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- K-1 Aerial photograph of Victorville PBR # 1, dated
6 July 1969 (B-19).

- K-2 Aerial photograph of Victorville PBR #1, dated 1 September 1989
(B-20).

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX M

ARCHIVES SEARCH REPORT CORRESPONDENCE

(not used)

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

APPENDIX N
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APPENDIX N

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 II - Findings Report
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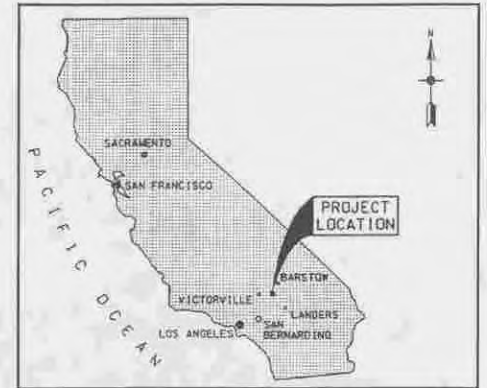
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ED-G	-	-	1
ED-H	-	-	1
SO	-	-	1
PD	-	-	1
RE	-	-	1

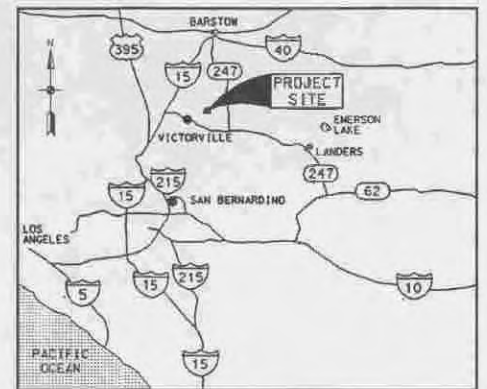
I - Final Report
 II - Findings Report
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ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
for the former
VICTORVILLE PBR # 1
SAN BERNARDINO COUNTY
VICTORVILLE, CALIFORNIA
OE PROJECT NUMBER J09CA067501

REPORT PLATES



STATE MAP OF CALIFORNIA



VICINITY MAP

LEGEND

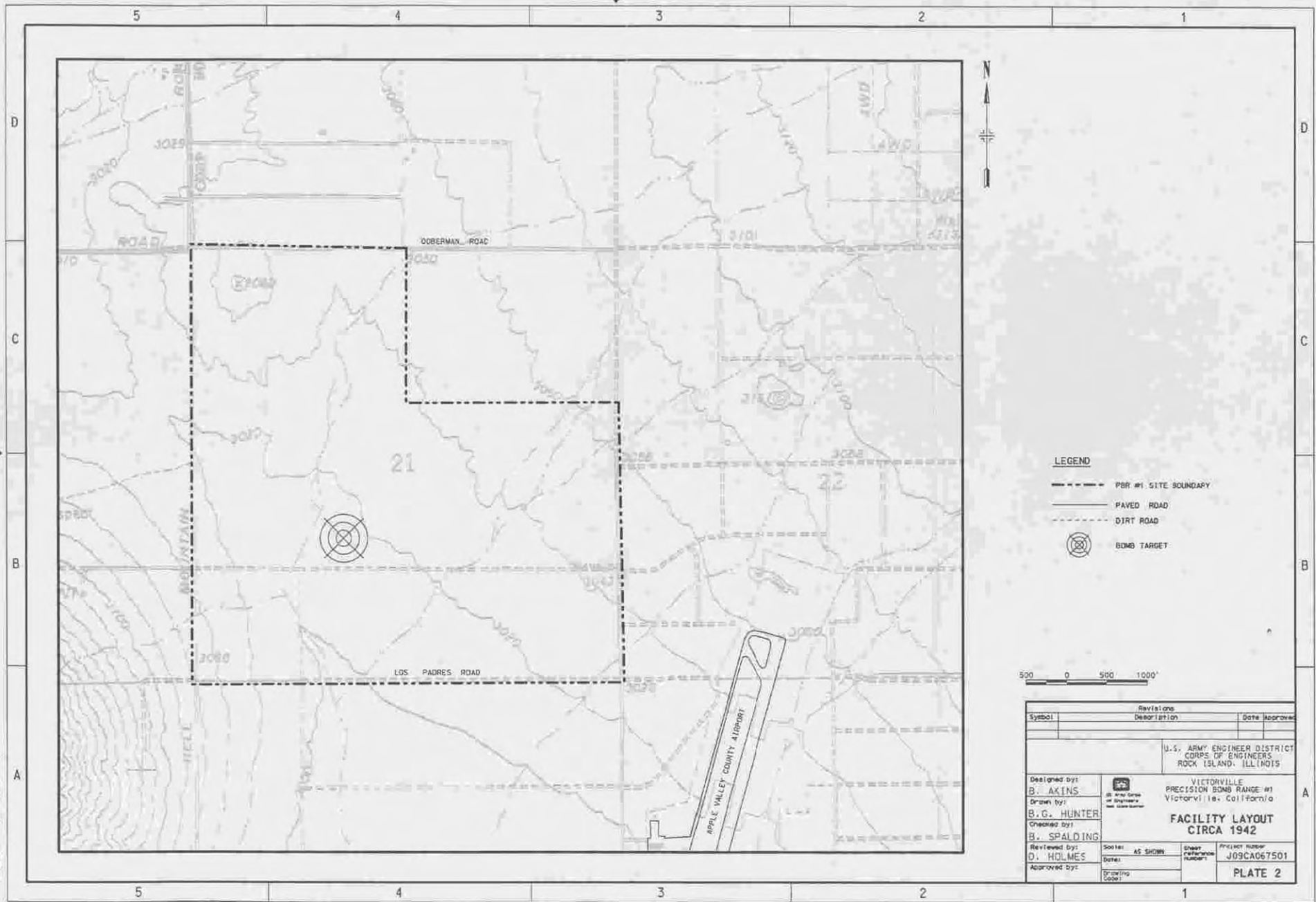
- PBR #1 SITE BOUNDARY
- PAVED ROAD
- - - DIRT ROAD
- STATE HIGHWAY
- ◐ INTERSTATE HIGHWAY

4000 0 4000 8000

Symbol	Revision Description	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
Designed by B. AKINS Drawn by B.G. HUNTER Checked by B. SPALDING		VICTORVILLE PRECISION BOMB RANGE #1 Victorville, California SITE MAP	
Reviewed by D. HOLMES Approved by	Scale AS SHOWN Date	Sheet Performance History	Project Number J09CA067501 PLATE 1

14-JUL-1986 13104
 erp/c/101/mcsp/2005/01-000

08-Jul-1996 14:14
 at: p:\proj\act\w9205\wp920502.dgn



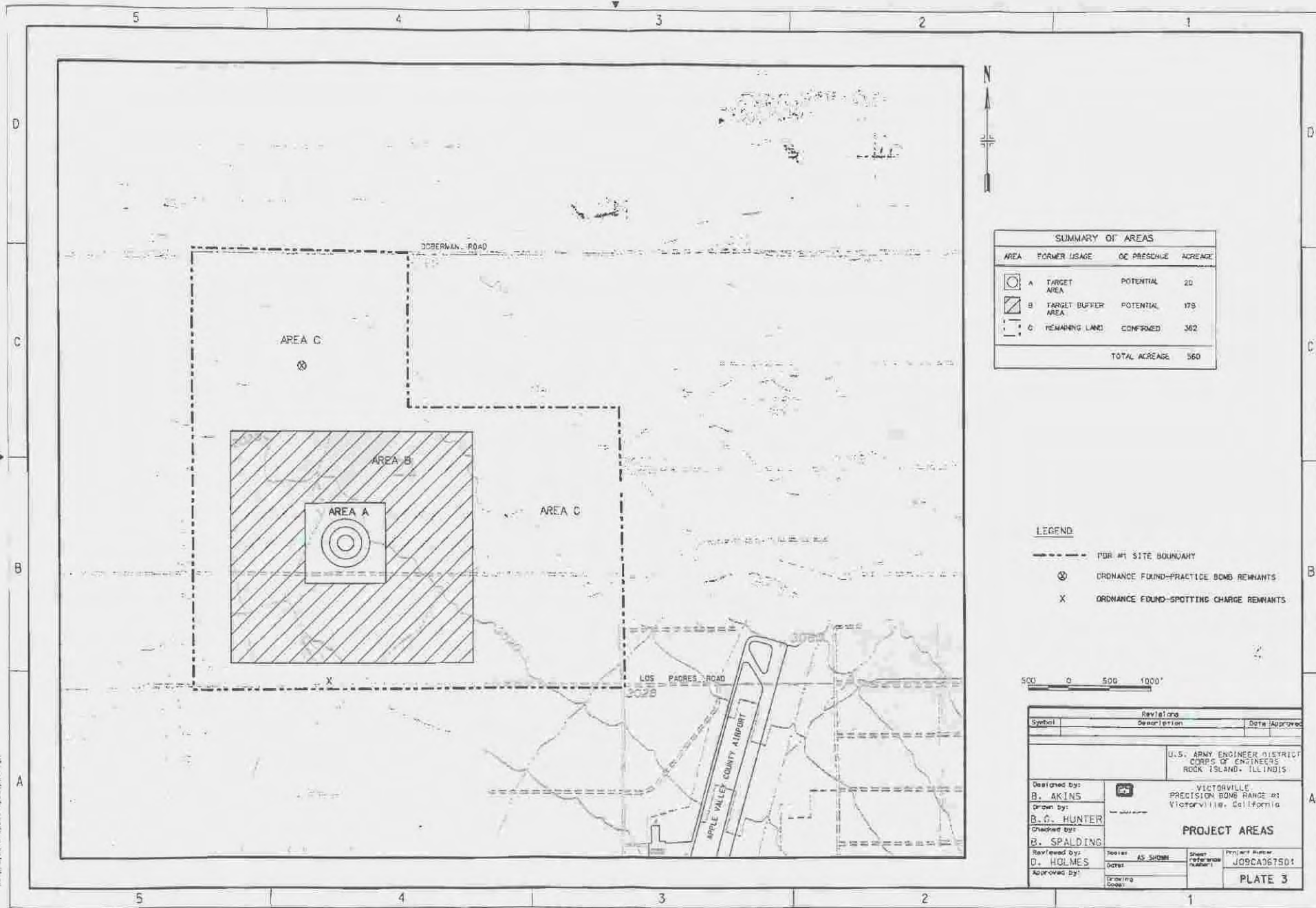
LEGEND

- PBR #1 SITE BOUNDARY
- PAVED ROAD
- - - DIRT ROAD
- ⊗ BOMB TARGET



Revisions		Date	
Symbol	Description	Approved	
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
Designed by: B. AXINS		VICTORVILLE PRECISION BOMB RANGE #1 Victorville, California	
Drawn by: B.G. HUNTER		FACILITY LAYOUT CIRCA 1942	
Checked by: B. SPALDING		PROJECT NUMBER J09CA067501	
Reviewed by: D. HOLMES		Scale: AS SHOWN	PLATE 2
Approved by:		Date: Sheet Reference: Drawing Code:	

08-JUL-1996 14:35
 ar:sp101/pcra/ep205/ep205p03.dgn



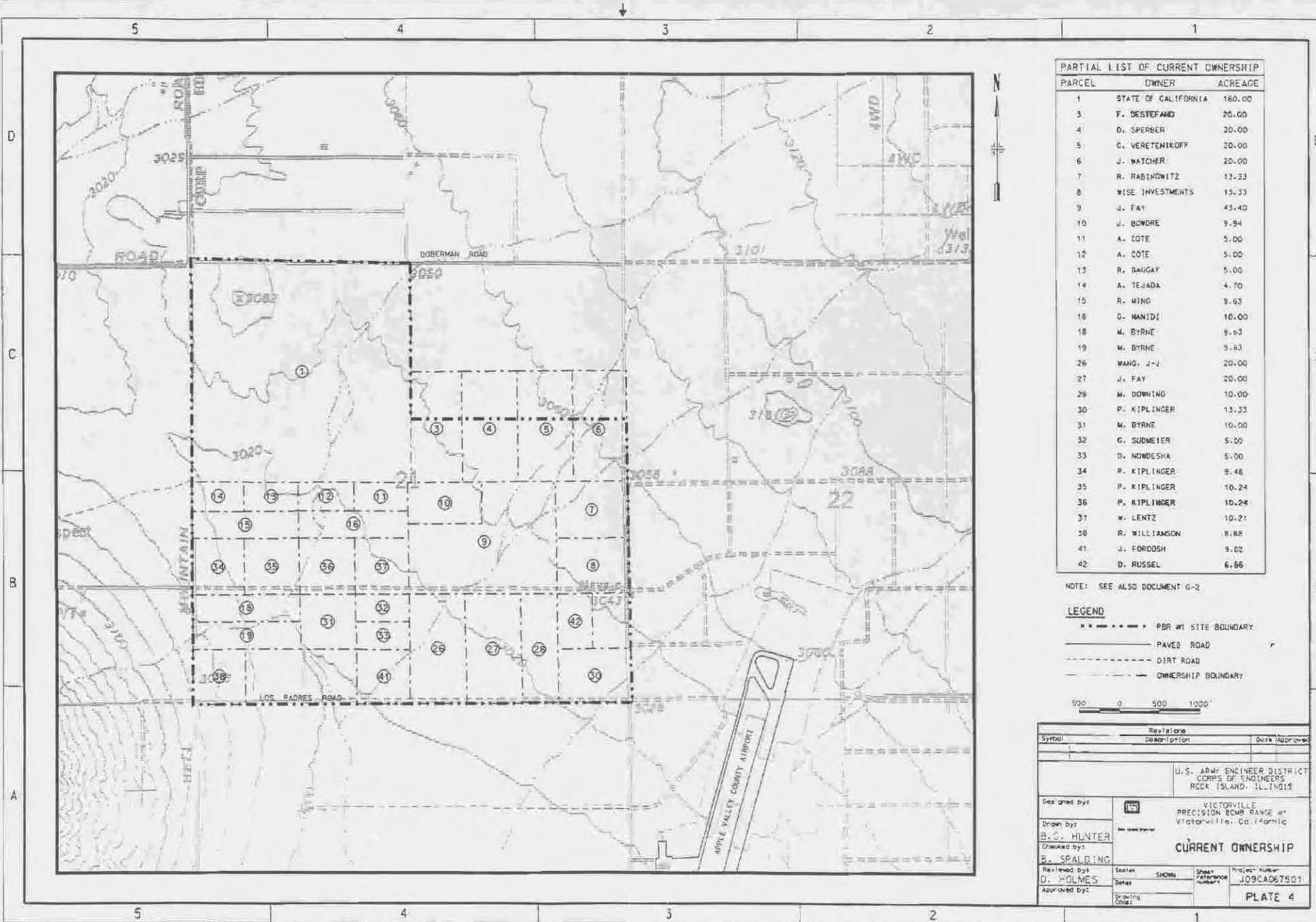
SUMMARY OF AREAS			
AREA	FORMER USAGE	OC PRESENCE	ACREAGE
⊗	A TARGET AREA	POTENTIAL	20
▨	B TARGET BUFFER AREA	POTENTIAL	175
- - -	C REMAINING LAND	CONFIRMED	362
TOTAL ACREAGE			560

LEGEND

- - - 400M SITE BOUNDARY
- ⊗ ORDNANCE FOUND-PRECISION BOMB REMNANTS
- X ORDNANCE FOUND-SPOTTING CHARGE REMNANTS



Symbol	Revision	Date	Approved
	Description		
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
Designed by: B. AKINS		VICTORVILLE PRECISION BOMB RANGE #1 Victorville, California	
Drawn by: B. G. HUNTER		PROJECT AREAS	
Checked by: B. SPALDING			
Reviewed by: D. HOLMES	Station: AS SHOWN	Sheet reference number:	Project Number: J09CA0675D1
Approved by:	Date:	Drawing Scale:	PLATE 3



PARTIAL LIST OF CURRENT OWNERSHIP

PARCEL	OWNER	ACREAGE
1	STATE OF CALIFORNIA	180.00
3	F. DESTEFANO	20.00
4	D. SPERBER	20.00
5	G. VERETEMKOFF	20.00
6	J. WATCHER	20.00
7	R. RABINOWITZ	13.33
8	WISE INVESTMENTS	13.33
9	J. FAY	43.40
10	J. BOWRE	9.94
11	A. COTE	5.00
12	A. COTE	5.00
13	R. BAUGAY	5.00
14	A. TEJADA	4.70
15	R. MING	9.63
16	G. MANIDI	10.00
17	M. BYRNE	9.63
18	M. BYRNE	9.63
19	M. BYRNE	9.63
26	WANG, J-J	20.00
27	J. FAY	20.00
28	M. DOWNING	10.00
30	P. KIPLINGER	13.33
31	M. BYRNE	10.00
32	G. SUBMEIER	5.00
33	D. NODDESHA	5.00
34	P. KIPLINGER	9.48
35	P. KIPLINGER	10.24
36	P. KIPLINGER	10.24
37	W. LENTZ	10.21
38	R. WILLIAMSON	8.88
41	J. FORDOSH	9.02
42	D. RUSSEL	6.66

NOTE: SEE ALSO DOCUMENT G-2

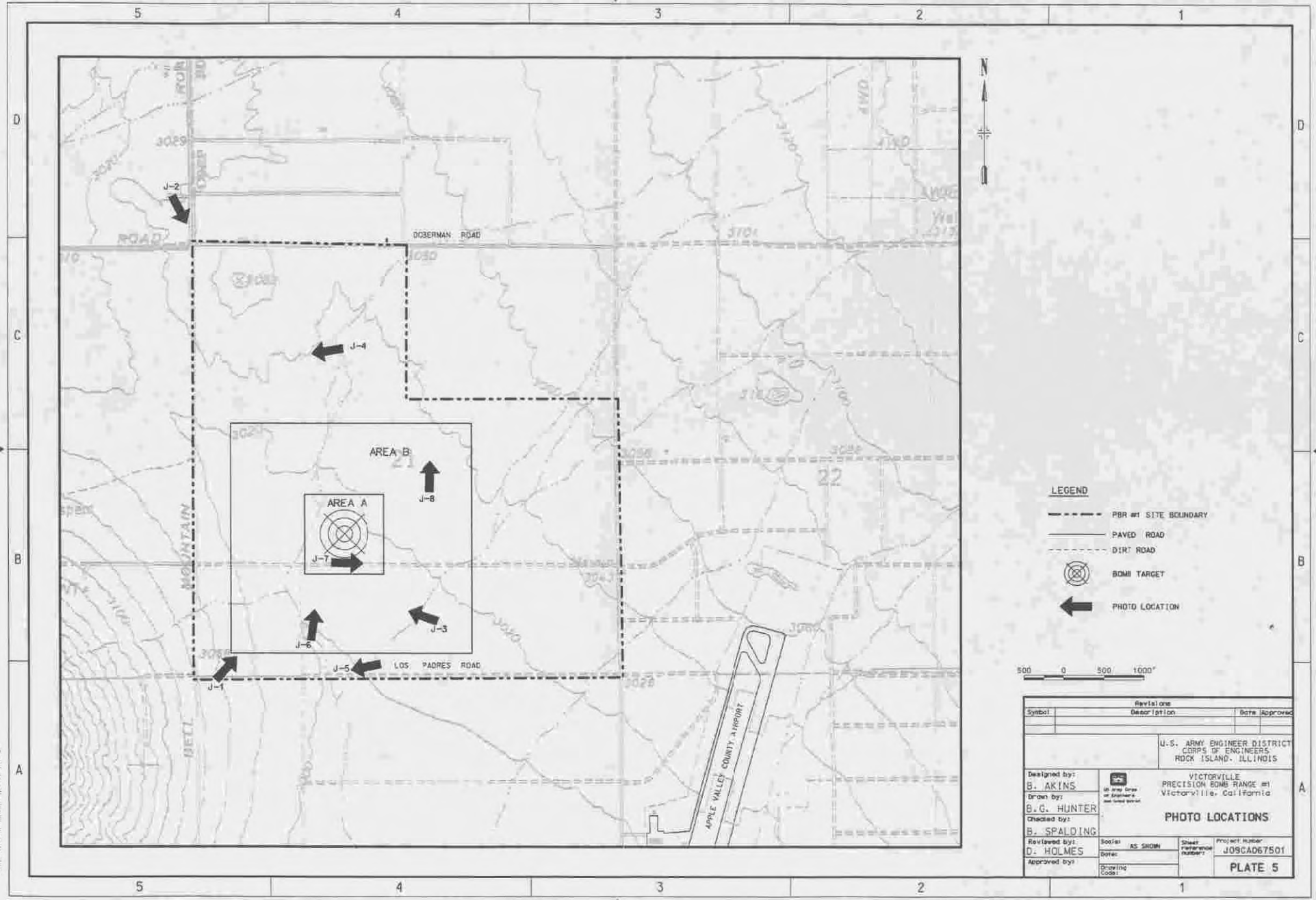
LEGEND

- PBR #1 SITE BOUNDARY
- PAVED ROAD
- - - DIRT ROAD
- - - OWNERSHIP BOUNDARY



Symbol	Revision Description	Date Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS RICKA ISLAND, ILLINOIS		
Designed by:		VICTORVILLE PRECISION BOMB RANGE #1 Victorville, California
Drawn by:	B. C. HUNTER	CURRENT OWNERSHIP
Checked by:	R. SPALDING	
Reviewed by:	D. HOLMES	Scale: SHEETS Sheet Reference: J09CAD67501
Approved by:		Project Name: PLATE 4

08-011-1916 15 105
 et rpr-01 0213 02205 wpt 05005 .dgn



LEGEND

- PBR #1 SITE BOUNDARY
- PAVED ROAD
- - - DIRT ROAD
- ⊗ BOMB TARGET
- ← PHOTO LOCATION



Revisions		Date		Approved	
Symbol	Description				
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS					
Designed by: B. AKINS		VICTORVILLE PRECISION BOMB RANGE #1 Victorville, California			
Drawn by: B.G. HUNTER		PHOTO LOCATIONS			
Checked by: B. SPALDING		Scale: AS SHOWN		Sheet Reference number: J09CA067501	
Reviewed by: D. HOLMES		Date:		Project number: J09CA067501	
Approved by:		Drawing Code:		PLATE 5	

APPENDIX C
ENVIRONMENTAL DATA RESOURCES, INC.
NEPA CHECK REPORT



EDR NEPA Check®



**Apple Valley
Lafayette St. at Navajo Rd.
Apple Valley, CA 92307**

Inquiry Number: 1654151.7s

April 13, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Flood Plain.....	8
Wetlands.....	10
Wetlands Classification System.....	12
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map	
• National Register of Historic Places	47 CFR 1.1307(4); 40 CFR 6.302
• State Historic Places (where available)	
• Indian Reservations	
Flood Plain Map	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
FCC & FAA Map	
• FCC antenna/tower sites, AM Radio Towers, FAA Markings and Obstructions, AM Radio Interference Zones, Airports, Topographic gradient	47 CFR 1.1307(8)
Key Contacts and Government Records Searched	

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 21 of this report.

TARGET PROPERTY ADDRESS

APPLE VALLEY
LAFAYETTE ST. AT NAVAJO RD.
APPLE VALLEY, CA 92307

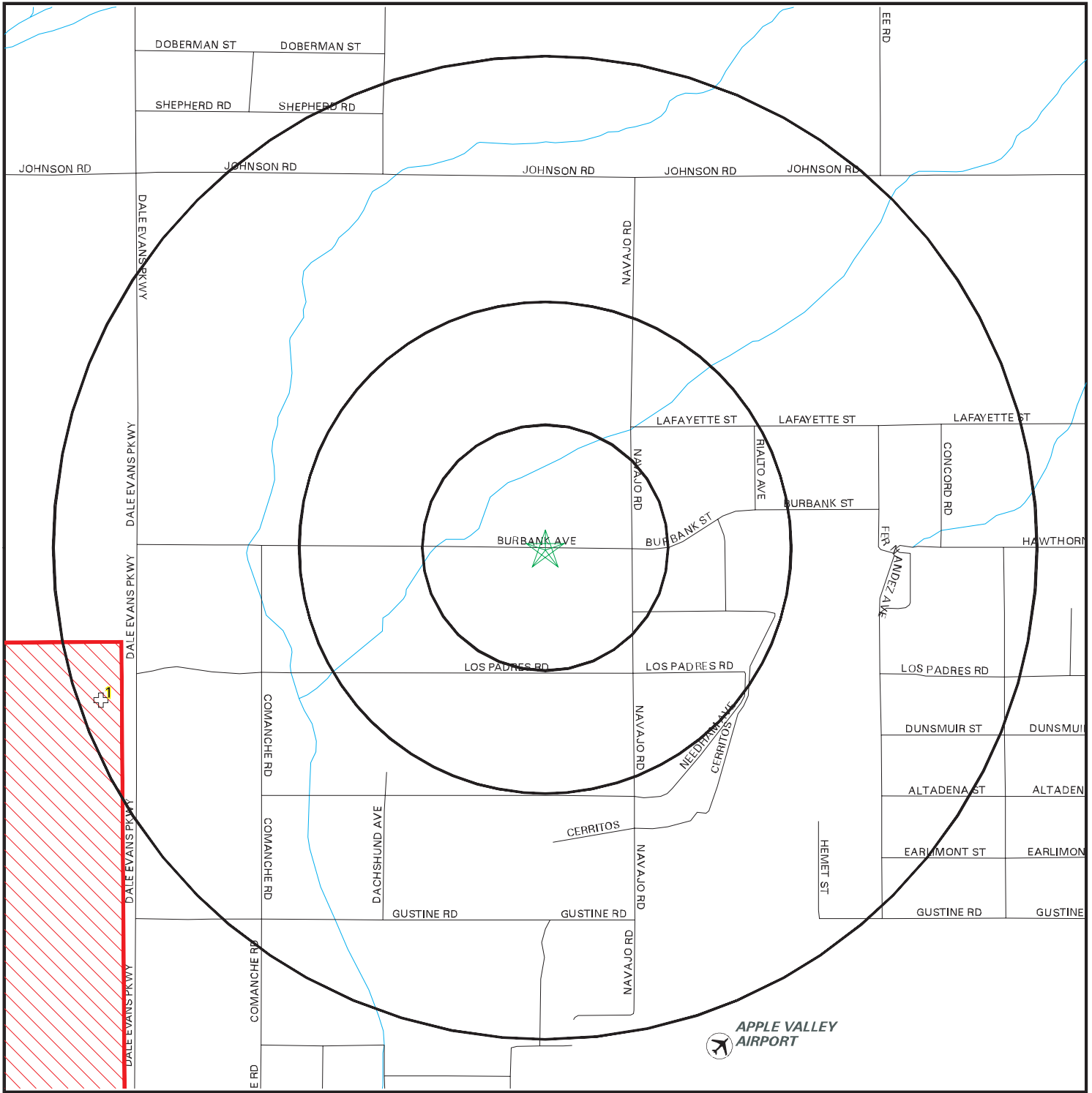
Inquiry #: 1654151.7s
Date: 4/13/6

TARGET PROPERTY COORDINATES

Latitude (North): 34.590000 - 34° 35' 24.0"
Longitude (West): 117.192398 - 117° 11' 32.6"
Universal Tranverse Mercator: Zone 11
UTM X (Meters): 482355.7
UTM Y (Meters): 3827397.8

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<u>NATURAL AREAS MAP</u>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	YES	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	YES	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	CA Natural Diversity Database	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
<u>HISTORIC SITES MAP</u>				
1.1307a (4) Listed or eligible for National Register	National Register Hist. Places	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	CA Historic Landmarks	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
<u>FLOODPLAIN MAP</u>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	YES
<u>WETLANDS MAP</u>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	NO	NO
<u>FCC & FAA SITES MAP</u>				
	FCC Cellular	1.00	NO	NO
	FCC Antenna	1.00	NO	NO
	FCC Tower	1.00	NO	NO
	FCC AM Tower	1.00	NO	NO
	FAA DOF	1.00	NO	NO
	Airports	1.00	YES	YES
	Power Lines	1.00	YES	YES

Natural Areas Map



- ★ Target Property
- ⊕ Locations
- ⚡ Roads
- ▨ Federal Areas
- ⚡ County Boundary
- ⚡ Federal Linear Features
- ⚡ Waterways
- ▨ State Areas
- ⚡ Water
- ⚡ State Linear Features
- ✈ Airports



SITE NAME: Apple Valley
 ADDRESS: Lafayette St. at Navajo Rd.
 Apple Valley CA 92307
 LAT/LONG: 34.5900 / 117.1924

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1654151.7s
 DATE: April 13, 2006

NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: SAN BERNARDINO County, CA.

Source: EPA Endangered Species Protection Program Database

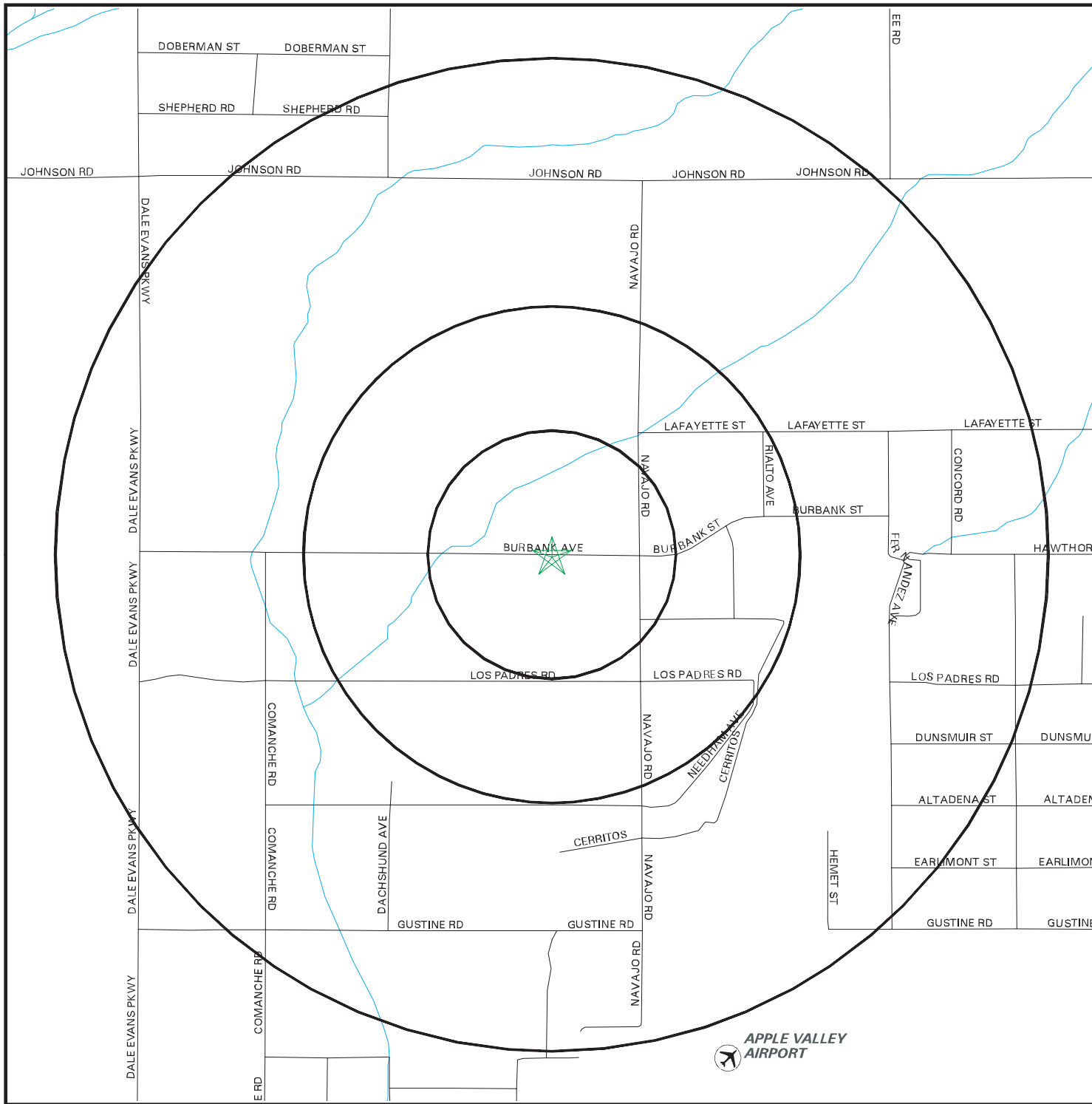
- AMPHIBIAN: TOAD, ARROYO SOUTHWESTERN
- AMPHIBIAN: FROG, MOUNTAIN YELLOW-LEGGED
- BIRD: EAGLE, BALD
- BIRD: FLYCATCHER, SOUTHWESTERN WILLOW
- BIRD: GNATCATCHER, COASTAL CALIFORNIA
- BIRD: VIREO, LEAST BELL'S
- BIRD: PLOVER, MOUNTAIN
- BIRD: RAIL, YUMA CLAPPER
- BIRD: FLYCATCHER, SOUTHWESTERN WILLOW
- FISH: CHUB, BONYTAIL
- FISH: SQUAWFISH, COLORADO
- FISH: SUCKER, SANTA ANA
- FISH: SUCKER, RAZORBACK
- FISH: STICKLEBACK, UNARMORED THREESPIKE
- FISH: PUPFISH, DESERT
- FISH: CHUB, MOHAVE TUI
- INSECT: FLY, DELHI SANDS FLOWER-LOVING
- MAMMAL: KANGAROO RAT, STEPHENS'
- MAMMAL: VOLE, AMARGOSA
- MAMMAL: KANGAROO RAT, SAN BERNARDINO
- PLANT: BLADDERPOD, SAN BERNARDINO MOUNTAINS
- PLANT: BLUECURLS, HIDDEN LAKE
- PLANT: WATERCRESS, GAMBEL'S
- PLANT: SPINEFLOWER, SLENDER-HORNED
- PLANT: SANDWORT, BEAR VALLEY
- PLANT: PAINTBRUSH, ASH-GREY INDIAN
- PLANT: OXYTHECA, CUSHENBURY
- PLANT: MUSTARD, SLENDER-PETALED
- PLANT: MILK-VETCH, TRIPLE-RIBBED
- PLANT: MILK-VETCH, LANE MOUNTAIN
- PLANT: MILK-VETCH, CUSHENBURY
- PLANT: WOOLLY-STAR, SANTA ANA RIVER
- PLANT: BLUEGRASS, SAN BERNARDINO
- PLANT: DAISY, PARISH'S
- PLANT: TARAXACUM, CALIFORNIA
- PLANT: BRODIAEA, THREAD-LEAVED
- PLANT: BUCKWHEAT, CUSHENBURY
- PLANT: BUCKWHEAT, SOUTHERN MOUNTAIN WILD
- PLANT: CHECKER-MALLOW, PEDATE
- REPTILE: TORTOISE, DESERT

Map ID
Direction
Distance
Distance (ft.)

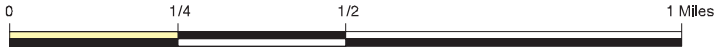
EDR ID
Database

Map ID	Direction	Distance	Distance (ft.)	EDR ID	Database
1					
WSW					
1/2-1 mi					
4660					
Feature1:					
Feature2:					
Feature3:					
Agbur:					
Url:					
Name1:					
Name2:					
Name3:					
State:					
State fips:					

Historic Sites Map



- ★ Target Property
- ▬ Streets
- ▬ County Boundary
- ▬ Waterways
- Water
- ✈ Airports
- ◆ Historic Sites
- ▨ Federal Historic Areas
- ▨ State Historic Areas
- ▨ US Indian Reservations
- ▲ Scenic Trail



<p>SITE NAME: Apple Valley ADDRESS: Lafayette St. at Navajo Rd. Apple Valley CA 92307 LAT/LONG: 34.5900 / 117.1924</p>	<p>CLIENT: Northgate Env. Management Inc. CONTACT: Marta Lutsky INQUIRY #: 1654151.7s DATE: April 13, 2006</p> <p style="text-align: right;">TC1654151.7s Page 5 of 26</p>
---	---

HISTORIC SITES MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

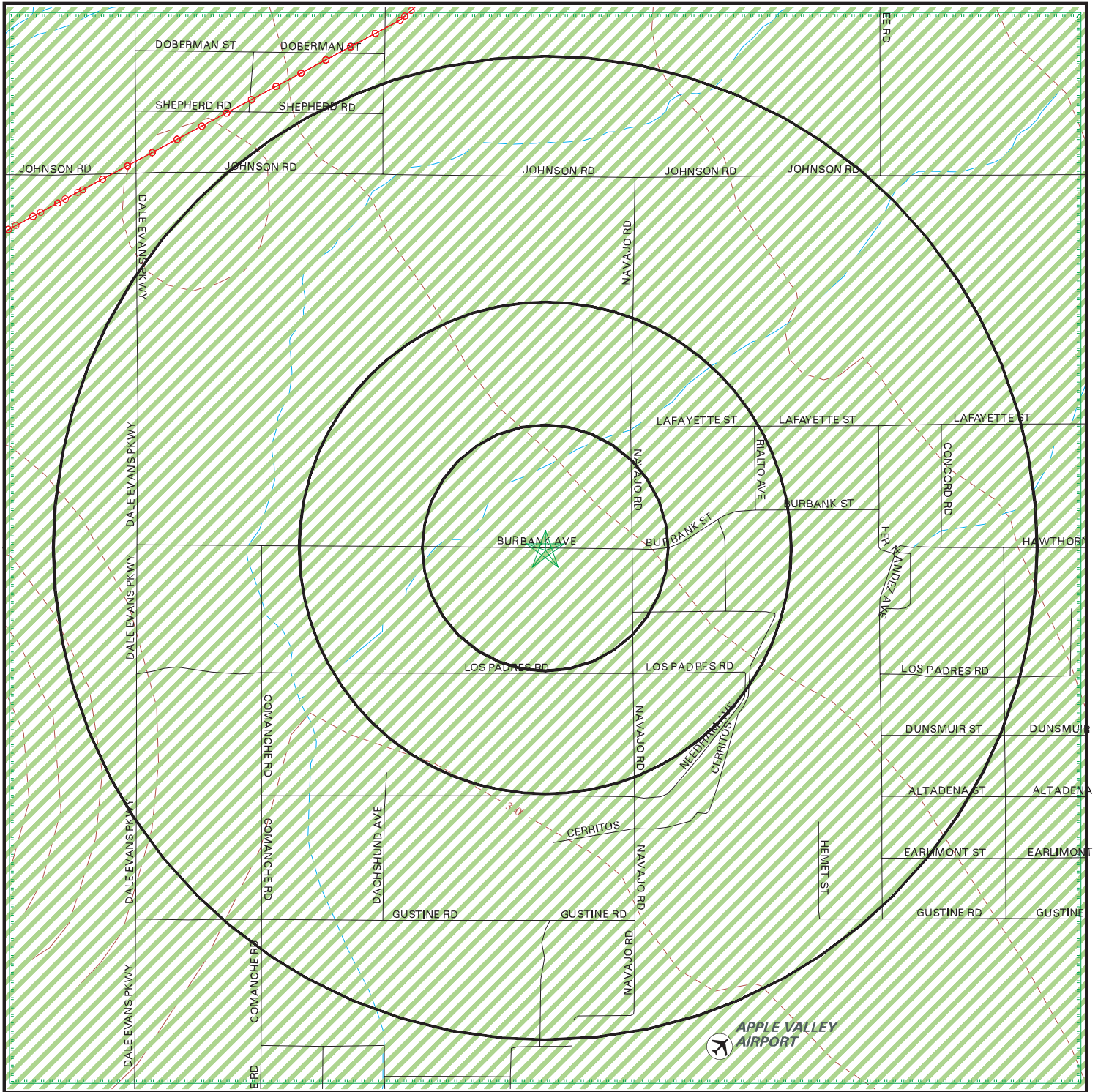
UNMAPPABLE HISTORIC SITES














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

Status
EDR ID
Database

Id num:	NO. 619	Unmappable
Nrhp num:	Not Reported	CA10000625
Usgs quad:	Not Reported	CA Historic Landmarks
Name:	HOLCOMB VALLEY	
Address:	Plaque at Big Bear Valley Historical Society Museum in Big Bear City Park on Green Way Dr	
Address2:	Not Reported	
County:	San Bernardino	
Desc1:	Southern California's largest gold rush followed the discovery of rich placer deposits by William F. Holcomb and Ben Choteau on May 4, 1860. Miners rushed to the valley and established boom towns. Belleville, the largest, rivaled San Bernardino in population and almost became the county seat. Violence and hangings were common in this remote valley. Over time, major placer and quartz mining declined although some activity continues today. Belleville Holcomb Valley, on Rd No. 3N16, 4.3 mi NW of Big Bear City.	

Flood Plain Map



-  Major Roads
-  Contour Lines
-  Waterways
-  County Boundary
-  Airports
-  Power Lines
-  Pipe Lines
-  Fault Lines
-  Water
-  100-year flood zone
-  500-year flood zone
-  Electronic FEMA data available
-  Electronic FEMA data not available



SITE NAME: Apple Valley
 ADDRESS: Lafayette St. at Navajo Rd.
 Apple Valley CA 92307
 LAT/LONG: 34.5900 / 117.1924

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1654151.7s
 DATE: April 13, 2006

FLOOD PLAIN MAP FINDINGS

Source: FEMA Q3 Flood Data

County

FEMA flood data electronic coverage

SAN BERNARDINO, CA

YES

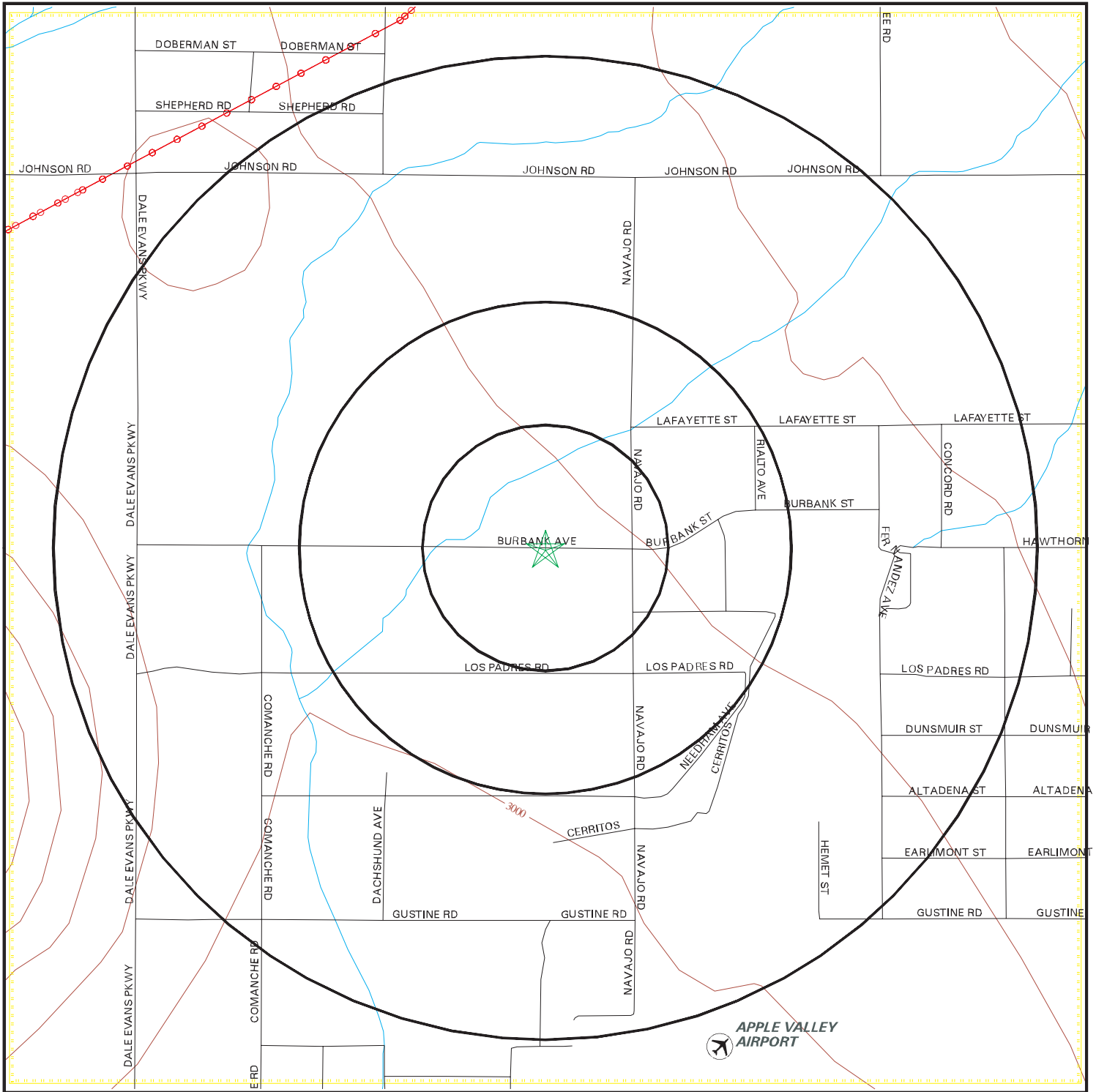
Flood Plain panel at target property:

06071C5850F

Additional Flood Plain panel(s) in search area:

None Reported

National Wetlands Inventory Map



- | | | | | | |
|--|-----------------|--|-------------|--|-----------------------------------|
| | Major Roads | | Power Lines | | Water |
| | Contour Lines | | Pipe Lines | | National Wetland Inventory |
| | Waterways | | Fault Lines | | Electronic NWI data available |
| | County Boundary | | | | Electronic NWI data not available |
| | Airports | | | | |



SITE NAME: Apple Valley
 ADDRESS: Lafayette St. at Navajo Rd.
 Apple Valley CA 92307
 LAT/LONG: 34.5900 / 117.1924

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1654151.7s
 DATE: April 13, 2006

WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Not reported in source data

Additional NWI hardcopy map(s) in search area:

Not reported in source data

Map ID

Direction

Distance

Distance (ft.)

Code and Description*

Database

No Sites Reported.

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM

MARINE

SUBSYSTEM

1 - SUBTIDAL

2 - INTERTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM

E - ESTUARINE

SUBSYSTEM

1 - SUBTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

SUBSYSTEM

2 - INTERTIDAL

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM

R - RIVERINE

SUBSYSTEM

1 - TIDAL 2 - LOWER PERENNIAL 3 - UPPER PERENNIAL 4 - INTERMITTENT 5 - UNKNOWN PERENNIAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
 **EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM

L - LACUSTRINE

SUBSYSTEM

1 - LIMNETIC

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

SUBSYSTEM

2 - LITTORAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

SUBSYSTEM

P - PALUSTRINE

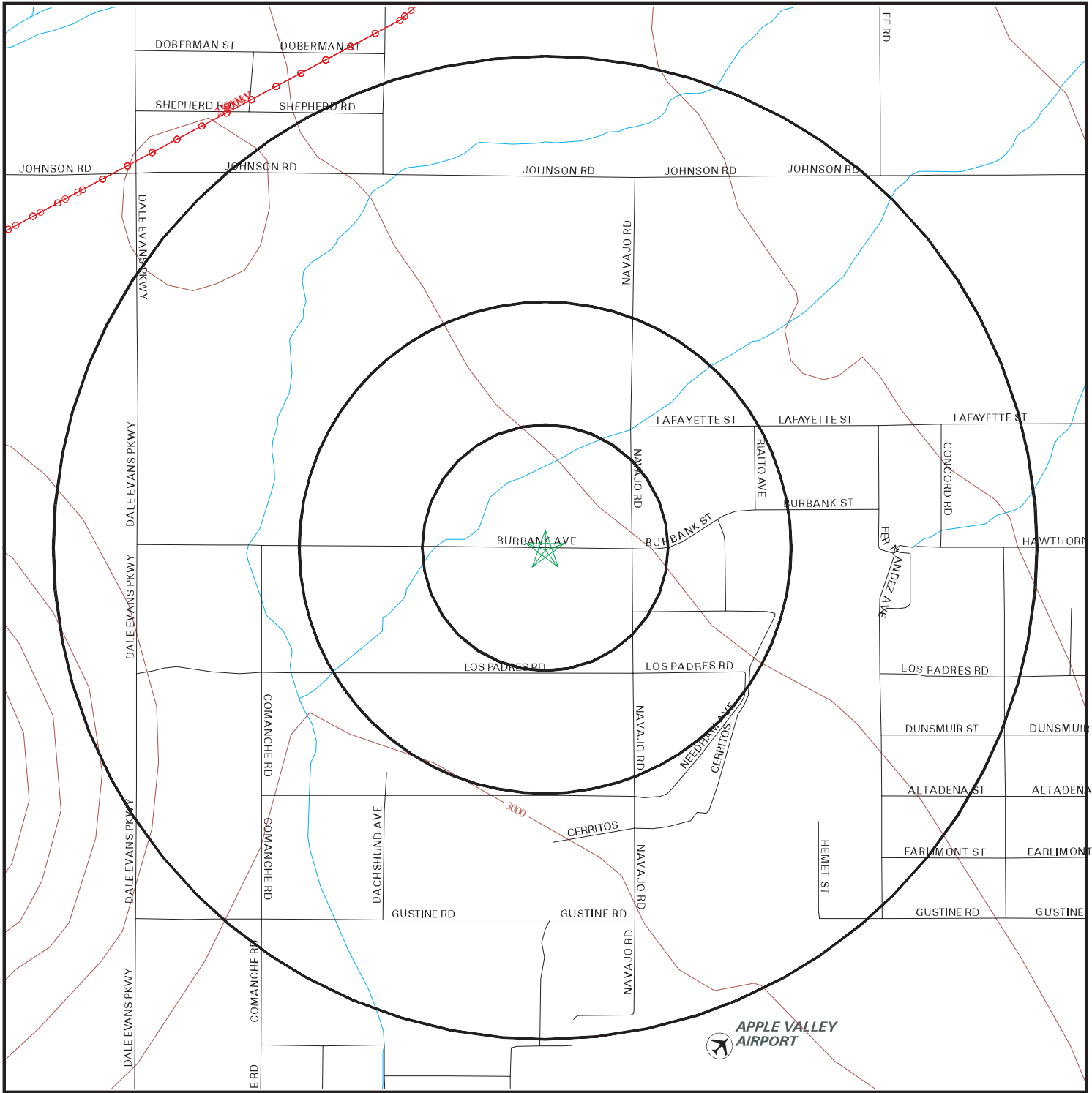
CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	











MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Halinity	Inland Salinity	pH	all Fresh Water			
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal		1 Hyperhaline	7 Hypersaline	g Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal		2 Euhaline	8 Eusaline	n Mineral	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal		3 Mixohaline (Brackish)	9 Mixosaline	a Acid	f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal		4 Polyhaline	0 Fresh	t Circumneutral	h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown		5 Mesohaline		i Alkaline	r Artificial Substrate
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			s Spoil
G Intermittently Exposed	U Unknown				0 Fresh			x Excavated

FCC & FAA Sites Map



-  Streets
-  Contour Lines
-  County Boundary
-  Waterways
-  Power Lines
-  Water
-  Airports
-  Sites
-  Omni Directional AM Interference
-  Directional AM Interference



SITE NAME: Apple Valley
 ADDRESS: Lafayette St. at Navajo Rd.
 Apple Valley CA 92307
 LAT/LONG: 34.5900 / 117.1924

CLIENT: Northgate Env. Management Inc.
 CONTACT: Marta Lutsky
 INQUIRY #: 1654151.7s
 DATE: April 13, 2006

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS

AIRPORTS

EDR ID
Database

AIR01549
AIRPORTS

Site Number: 01248.1*A
 Airport Type: AIRPORT
 County: SAN BERNARDINO
 Facility Name: APPLE VALLEY
 Use: PU
 Owner Address: 825 E THIRD ST
 Phone: 909-387-2877
 Mgmt Address: 21600 CORWIN ROAD
 Mgmt Phone: 760-247-2371
 Longitude: 117-11-10.245W
 Elev (ft): 3059
 Aero chart: LOS ANGELES
 Dir from Business: N
 Certified Date: Not Reported
 Is Int'l Airport?: N
 Inspection Method: S
 Last inspected: 06181997
 Lighting: DUSK-DAWN
 Beacon Color: CG
 Single engine: 135
 Jet engines: Not Reported
 Gliders: Not Reported
 Ultralights: Not Reported
 Air taxis: Not Reported

State: CALIFORNIA
 City: APPLE VALLEY
 Owner type: PU
 Owner: COUNTY OF SAN BERNARDINO
 City/State: SAN BERNARDINO, CA 92415
 Mgmt Name: CONNIE F. VOJKUFKA
 Mgmt City/St: APPLE VALLEY, CA 92307
 Latitude: 34-34-31.042N
 Lat Method: E
 Elev method: S
 Dist from Business: 03
 Date Active: Not Reported
 Fed agreements: NGY
 Is Customs Airport?: N
 Inspected by: S
 Attendance: ALL/ALL/0630-1700
 Has ATC Tower: N
 Landing fee: N
 Multi engine: 006
 Helicopters: Not Reported
 Military: Not Reported
 Commercial: Not Reported
 Local ops: 025000

Runway id: 08/26
 Width: 60
 Lights Intensity: Not Reported
 Markings: Not Reported
 Longitude: Not Reported
 Approach lights: Not Reported
 Centerline Lights: Not Reported
 Recip End ID: 26
 Recip Lat: Not Reported
 Recip Elev: Not Reported
 Recip End Lgts: Not Reported

Length: 4100
 Surface: ASPH
 Base End Id: 08
 Latitude: Not Reported
 Elevation: Not Reported
 End Lights: Not Reported
 Touchdown Lights: Not Reported
 Recip markings: Not Reported
 Recip Long: Not Reported
 Recip App Lgts: Not Reported
 Recip Ctr Lgts: Not Reported

Runway id: 18/36
 Width: 150
 Lights Intensity: MED
 Markings: BSC
 Longitude: Not Reported
 Approach lights: Not Reported
 Centerline Lights: N
 Recip End ID: 36
 Recip Lat: Not Reported

Length: 6500
 Surface: ASPH-G
 Base End Id: 18
 Latitude: Not Reported
 Elevation: Not Reported
 End Lights: N
 Touchdown Lights: N
 Recip markings: BSC
 Recip Long: Not Reported

FCC & FAA SITES MAP FINDINGS AIRPORTS

EDR ID
Database

Recip Elev: Not Reported
Recip End Lgts: N

Recip App Lgts: Not Reported
Recip Ctr Lgts: N

FCC & FAA SITES MAP FINDINGS

POWERLINES

**EDR ID
Database**

POW0010441
POWERLINES

Msid:	MSX1008183- 1	Voltage:	230
Rangeflg:	0	Hi_range:	0
Type:	AC	Status:	AC
Corridor:	Y	Ownr_id:	LADWP
Own_name:	Los Angeles Dept. of Water and Power	Opr_id:	LADWP
Ownr_flg:	S	Coname:	Los Angeles Dept. of Water and Power
Physadres:	111 N. Hope St. Room 1550	Phycity:	Los Angeles
Physstate:	California	Physlposta:	90051
Mailadres:	PO Box 51111	Mailcity:	Los Angeles
Mailstate:	California	Mailpostal:	90051-0100
Phone:	213-367-4211	Fax:	213-367-1438
Webpage:	www.ci.la.ca.us		

POW0010439
POWERLINES

Msid:	MSX1008182- 1	Voltage:	500
Rangeflg:	0	Hi_range:	0
Type:	AC	Status:	AC
Corridor:	Y	Ownr_id:	LADWP
Own_name:	Los Angeles Dept. of Water and Power	Opr_id:	LADWP
Ownr_flg:	S	Coname:	Los Angeles Dept. of Water and Power
Physadres:	111 N. Hope St. Room 1550	Phycity:	Los Angeles
Physstate:	California	Physlposta:	90051
Mailadres:	PO Box 51111	Mailcity:	Los Angeles
Mailstate:	California	Mailpostal:	90051-0100
Phone:	213-367-4211	Fax:	213-367-1438
Webpage:	www.ci.la.ca.us		

POW0010438
POWERLINES

Msid:	MSX1008178- 1	Voltage:	500
Rangeflg:	0	Hi_range:	0
Type:	AC	Status:	AC
Corridor:	Y	Ownr_id:	LADWP
Own_name:	Los Angeles Dept. of Water and Power	Opr_id:	LADWP
Ownr_flg:	S	Coname:	Los Angeles Dept. of Water and Power
Physadres:	111 N. Hope St. Room 1550	Phycity:	Los Angeles
Physstate:	California	Physlposta:	90051
Mailadres:	PO Box 51111	Mailcity:	Los Angeles
Mailstate:	California	Mailpostal:	90051-0100
Phone:	213-367-4211	Fax:	213-367-1438
Webpage:	www.ci.la.ca.us		

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS

Officially designated wilderness areas

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2004

Federal Contacts for Additional Information

National Park Service, Pacific West Region

600 Harrison Street, Suite 600

San Francisco, CA 94107

415-427-1300

USDA Forest Service, Pacific Southwest

630 Sansome Street

San Francisco, CA 94111

415-705-2557

BLM - California State Office

2800 Cottage Way, Room W-1834

Sacramento, CA 95825-1886

916-978-4400

Fish & Wildlife Service, Region 1

Eastside Federal Complex 911 NE 11th Avenue

Portland, OR 97232-4181

503-231-6188

Officially designated wildlife preserves, sanctuaries and refuges

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2004

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1
Eastside Federal Complex 911 NE 11th Avenue
Portland, OR 97232-4181
503-231-6188

State Contacts for Additional Information

Department of Fish & Game 916-653-7667

Wild and scenic rivers

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2004

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1
Eastside Federal Complex 911 NE 11th Avenue
Portland, OR 97232-4181
503-231-6188

Endangered Species

Government Records Searched in This Report

Endangered Species Protection Program Database

A listing of endangered species by county.

Source: Environmental Protection Agency

Telephone: 703-305-5239

CA Endangered Species: Natural Diversity Database

Source: Dept. of Fish and Game.

Telephone: 916-324-3812

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 1
Eastside Federal Complex 911 NE 11th Avenue
Portland, OR 97232-4181
503-231-6188

State Contacts for Additional Information

Natural Heritage Program, Dept. of Fish & Game 916-322-2493

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

Historic Places

Government Records Searched in This Report

National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/15/2000

CA Historic Landmarks: CA Historical Landmarks

Source: Office of Historic Preservation.

Telephone: 916-653-6624

Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation

1849 C Street NW

Washington, DC 20240

Phone: (202) 208-6843

State Contacts for Additional Information

Office of Historic Preservation, Ept. Of Parks & Recreation 916-653-6624

Indian Religious Sites

Government Records Searched in This Report

Indian Reservations:

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

Source: USGS

Phone: 888-275-8747

Date of Government Version: 10/01/2003

Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs

Office of Public Affairs

1849 C Street, NW

Washington, DC 20240-0001

Office: 202-208-3711

Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700

Washington, DC 20005

Phone: 202-628-8476

Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
<http://www.doi.gov/bia/areas/agency.html>

Phoenix Area Office, Bureau of Indian Affairs
One North First Street P.O. Box 10
Phoenix, AZ 85001
602-379-6600

Sacramento Area Office, Bureau of Indian Affairs
2800 Cottage Way
Sacramento, CA 95825
916-979-2600

Cultural Division, Yuork Tribe
1034 6th Street
Eureka, CA 95501

Scenic Trails

State Contacts for Additional Information

Pacific Crest Trail Association
5325 Elkhorn Boulevard, #256
Sacramento, California 95842
916-349-2109

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management

Government Records Searched in This Report

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Office of Emergency Services 916-262-1843

Wetlands Protection

Government Records Searched in This Report

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

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Department of Fish & Game 916-653-7667

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Coastal Zone Management

Government Records Searched in This Report

CAMA Management Areas

Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information

Office of Ocean and Coastal Resource Management

N/ORM, SSMC4
1305 East-West Highway
Silver Spring, Maryland 20910
301-713-3102

State Contacts for Additional Information

California Coastal Commission 415-904-5200

FCC & FAA SITES MAP

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report

Cellular

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

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Tower

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

Antenna Registration

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

AM Tower

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

FAA Digital Obstacle File

National Oceanic and Atmospheric Administration

Telephone: 301-436-8301

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities

Federal Aviation Administration

Telephone (800) 457-6656

Private and public use landing facilities.

Electric Power Transmission Line Data

PennWell Corporation

Telephone: (800) 823-6277

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Excessive Radio Frequency Emission

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information

Office of Engineering and Technology

Federal Communications Commission

445 12th Street SW

Washington, DC 20554

Phone: 202-418-2470

OTHER CONTACT SOURCES

NEPA Single Point of Contact

State Contacts for Additional Information

Grants Coordination

State Clearinghouse

P.O. Box 3044

Room 222

Sacramento, CA 95812-3044

916-445-0613

STREET AND ADDRESS INFORMATION

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APPENDIX D
HISTORIC AERIAL PHOTOGRAPHS





EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**Apple Valley
Lafayette St. at Navajo Rd.
Apple Valley, CA 92307**

Inquiry Number: 1654151.5

April 13, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs at one photo per decade.

References

EPAs Standards and Practices for All Appropriate Inquiries (AAI), section 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of section 312.20. According to AAI, *"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."*

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following standard *historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

Data Gaps

In order to address *data gaps*, additional sources of information may be consulted. According to the AAI, Section 312.20 (g), *"to the extent there are data gaps (as defined in section 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, *"historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."*

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Thank you for your business.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography April 13, 2006

Target Property:

Lafayette St. at Navajo Rd.

Apple Valley, CA 92307

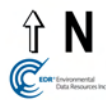
<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Southwestern
1973	Aerial Photograph. Scale: 1"=666'	Flight Year: 1973	Teledyne
1980	Aerial Photograph. Scale: 1"=666'	Flight Year: 1980	Teledyne
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=666'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS

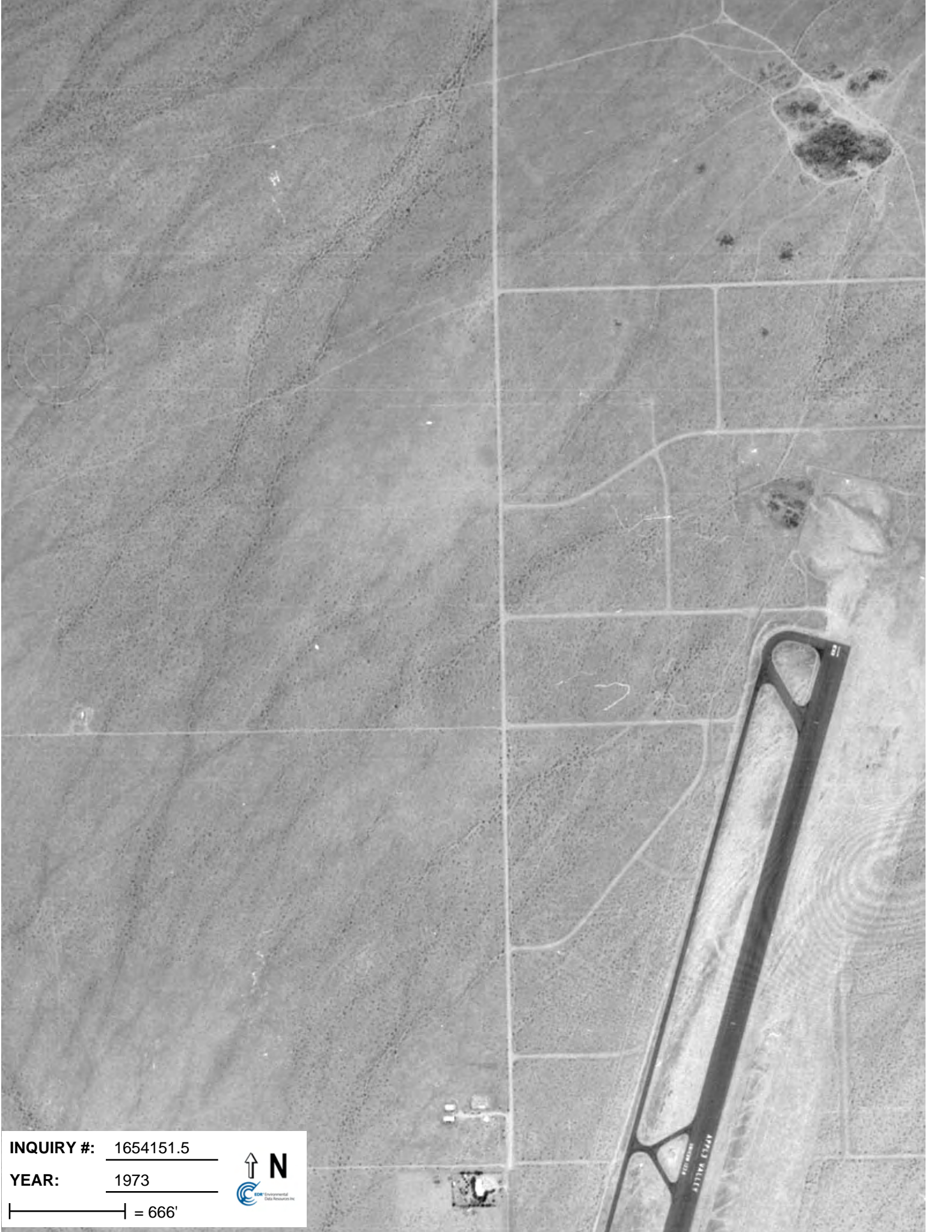


INQUIRY #: 1654151.5

YEAR: 1953

| = 555'





INQUIRY #: 1654151.5

YEAR: 1973

| = 666'





INQUIRY #: 1654151.5

YEAR: 1980

| = 666'





INQUIRY #: 1654151.5

YEAR: 1989

| = 666'





INQUIRY #: 1654151.5

YEAR: 1994

| = 666'





INQUIRY #: 1654151.5

YEAR: 2002

| = 666'



**APPENDIX E
HISTORIC TOPOGRAPHIC MAPS**





EDR Environmental
Data Resources Inc

EDR Historical Topographic Map Report

**Apple Valley
Lafayette St. at Navajo Rd.
Apple Valley, CA 92307**

Inquiry Number: 1654151.4

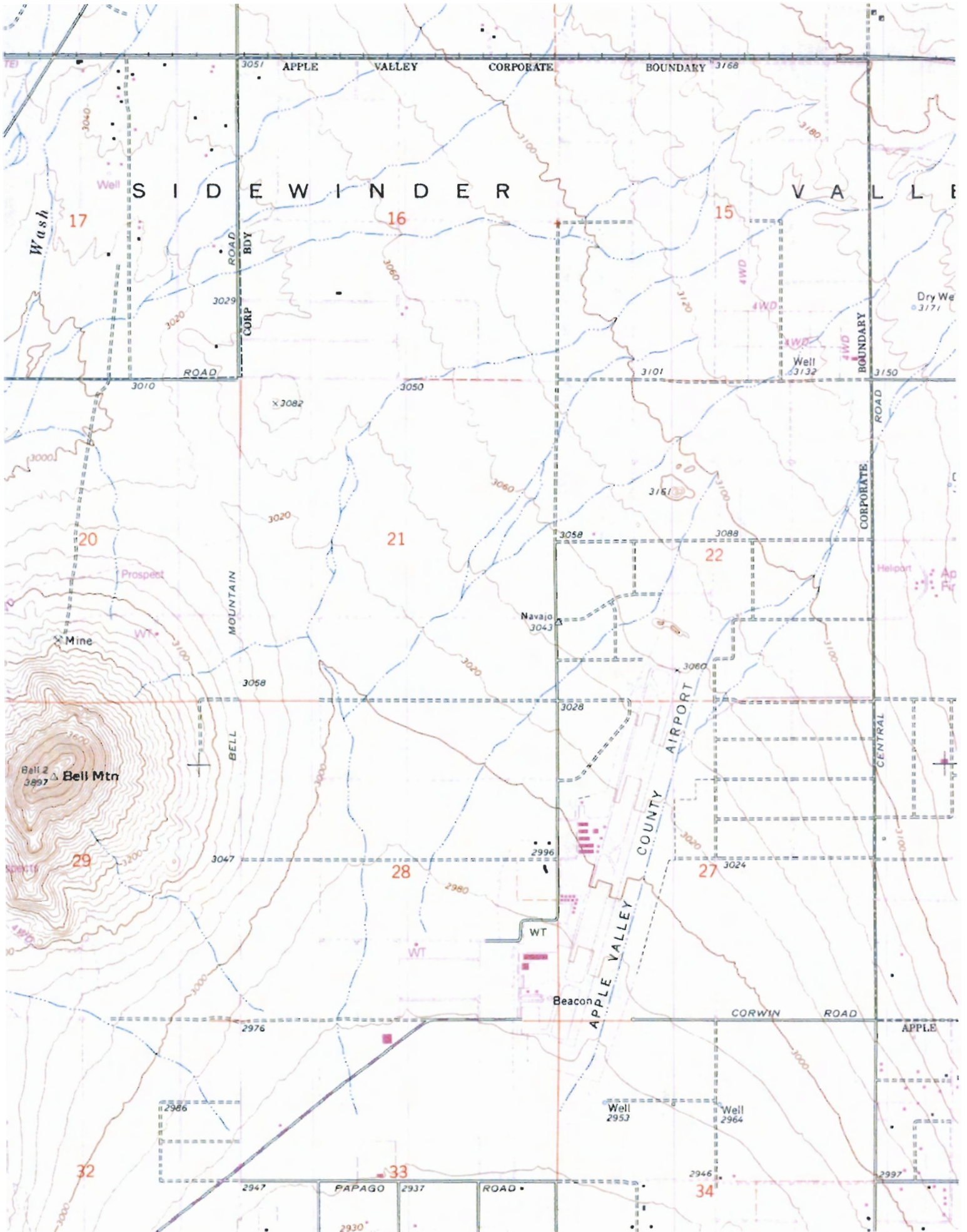
April 13, 2006

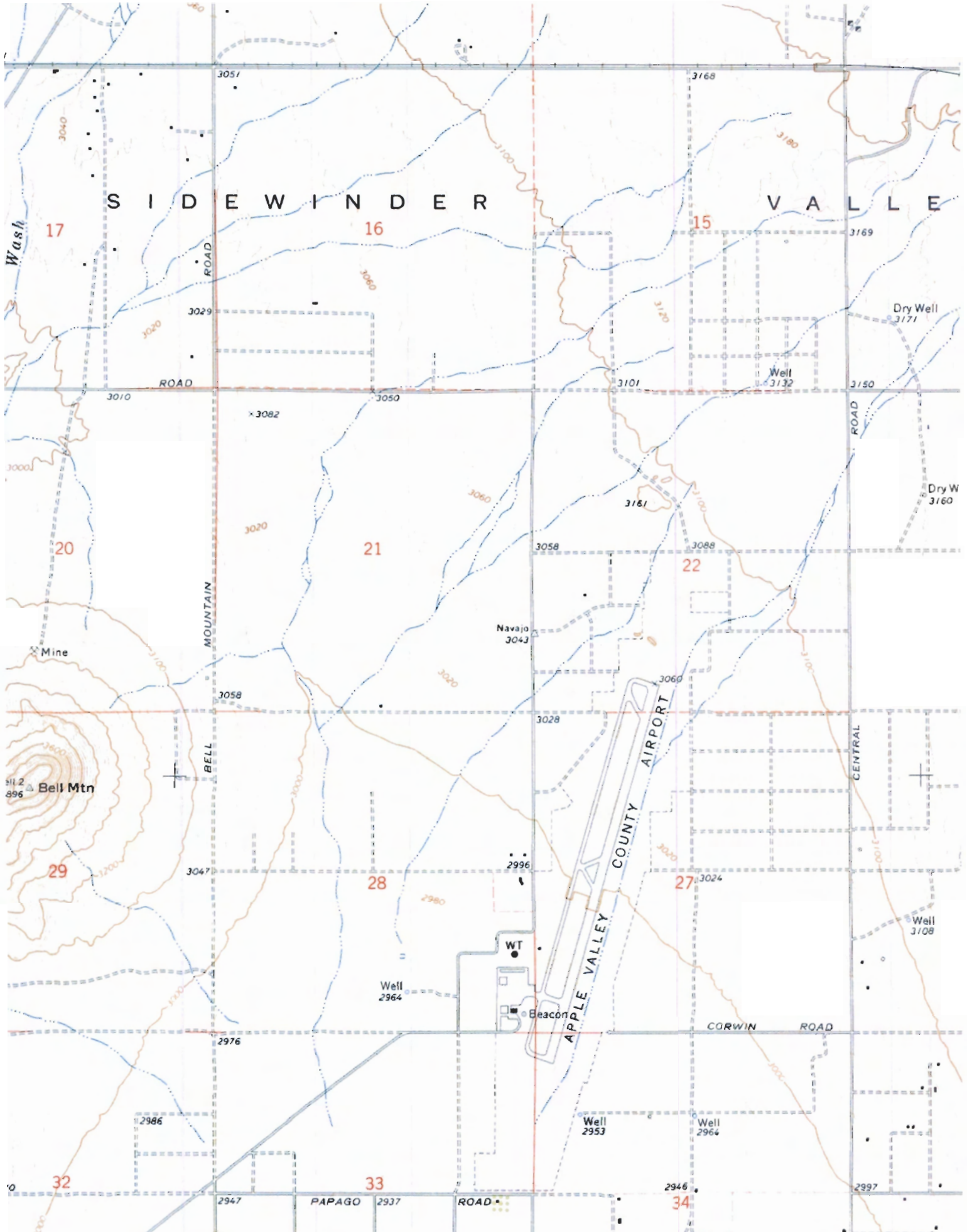
The Standard in Environmental Risk Management Information

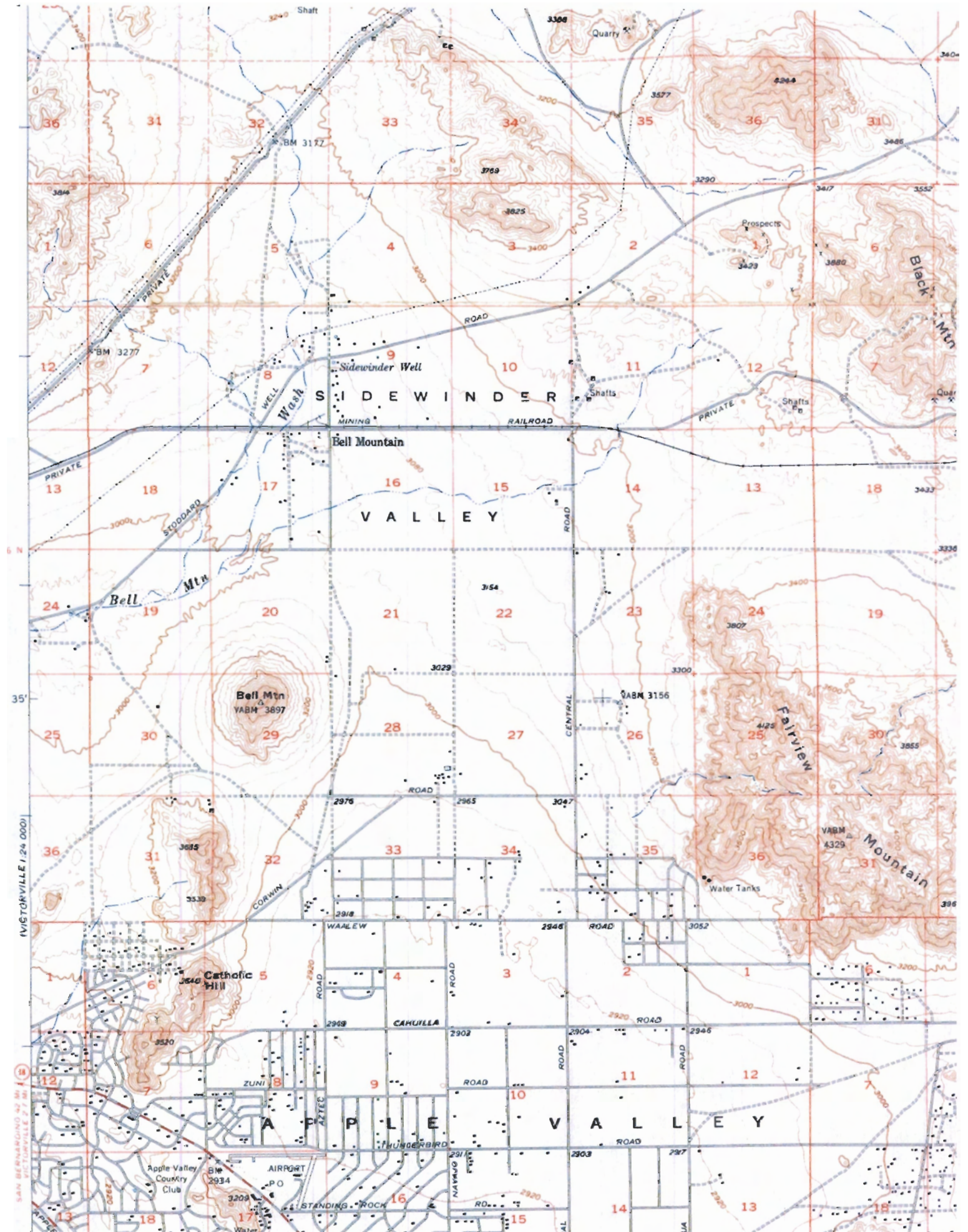
440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com







APPENDIX F
CITY DIRECTORY SUMMARY





EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

Apple Valley
21300 Burbank Ave.
Apple Valley, CA 92307

Inquiry Number: 1654151.6

Thursday, April 20, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening 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.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1975 through 2005. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: 4/20/2006

Target Property:

21300 Burbank Ave.
Apple Valley, CA 92307

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Street Not Listed in Research Source	Haines Criss-Cross Directory
1981	Street Not Listed in Research Source	Haines Criss-Cross Directory
1985	Street Not Listed in Research Source	Haines Criss-Cross Directory
1990	Street Not Listed in Research Source	Haines Criss-Cross Directory
1995	Street Not Listed in Research Source	Haines Criss-Cross Directory
2000	Street Not Listed in Research Source	Haines Criss-Cross Directory
2005	Street Not Listed in Research Source	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Apple Valley, CA 92307

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Street Not Listed in Research Source	Haines Criss-Cross Directory
1981	Street Not Listed in Research Source	Haines Criss-Cross Directory
1985	Street Not Listed in Research Source	Haines Criss-Cross Directory
1990	Street Not Listed in Research Source	Haines Criss-Cross Directory
1995	Street Not Listed in Research Source	Haines Criss-Cross Directory
2000	Street Not Listed in Research Source	Haines Criss-Cross Directory
2005	Street Not Listed in Research Source	Haines Criss-Cross Directory