

Prepared for:
Solar Millennium, LLC
Berkeley, CA



Phase I Environmental Site Assessment of Proposed Solar Power Plant Site Located in Eastern Riverside County, California

AECOM, Inc.
May 2009
Document No.: 12944-001-1500

Prepared for:
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Executive Summary

AECOM, Inc. (AECOM) was retained by Solar Millennium, LLC (Solar Millennium) to perform a Phase I Environmental Site Assessment (ESA) of approximately 6,250 acres of vacant desert land located in Riverside County approximately 10 miles east of Desert Center, California (subject property). The subject property is administered by the Bureau of Land Management (BLM).

Ms. Stefanie Smith, Project Specialist with AECOM's Oakland, California office conducted a site reconnaissance of readily accessible areas of the subject property on March 17 and 18, 2009. The subject property is located north of U.S. Interstate 10 (I-10) off the Corn Springs Road exit, approximately 10 miles east of Desert Center. The subject property is comprised of 14 contiguous parcels of unimproved desert land and is accessible via unnamed dirt roads just north of the Corn Springs Road overpass. This assessment identified power lines traversing the property, dirt roads, fence posts from an old corral, sand dunes and a dry lake bed. One historic groundwater well was observed on the southern portion of the property. Small quantities of miscellaneous household garbage were observed at various locations throughout the site. The entire site is vacant desert land with dry washes traversing the site in a general southwest to northeast direction toward the Palen Dry Lake.

The subject property is bordered to the north by undeveloped desert land, beyond which there are significant dune features, and the Palen Dry Lake. To the east is undeveloped desert land. To the south is I-10 and beyond that is vacant desert land. To the west is predominantly undeveloped desert land with the exception of a single-family residence and Cocopah Nurseries, an agricultural business.

AECOM performed a Phase I ESA of the subject property in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E 1527-05, which meets the requirements of Title 40 Code of Federal Regulations Part 312 and is intended to constitute all appropriate inquiry for purposes of the landowner liability protections. No physical environmental sampling was performed. Any exceptions to, or deletions from, this practice are described in Section 1.4 and 1.5 of this report. Additional services included in this ESA are described in Section 1.2 of this report.

Based on the results of this assessment, no Recognized Environmental Conditions (RECs) or Historical RECs were identified in connection with the subject property. One de minimis condition was observed at the subject property:

- Miscellaneous trash and debris (e.g., household dumping) was observed at various locations on the subject property and surrounding area. However, no hazardous waste was observed on the subject property during AECOM's site visit.

No other (non-ASTM) environmental concerns were identified in connection with the subject property.

1.0 INTRODUCTION

1.1 Preface

The purpose of this Phase I Environmental Site Assessment (ESA) was to evaluate the current and historical conditions of the subject property, in accordance with the agreed upon scope of work, in an effort to identify Recognized Environmental Conditions (RECs) in connection with the subject property.

A REC is defined by the American Society for Testing and Materials (ASTM) as "[t]he presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk 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 government agencies."

The identification of RECs in connection with the subject property may impose an environmental liability on owners or operators of the subject property, reduce the value of the subject property, or restrict the use or marketability of the subject property. For this reason, any identified RECs may warrant further investigation to evaluate the scope and extent of potential environmental liabilities associated with the RECs.

1.2 Objectives and Scope of Work

This Phase I ESA was conducted to assist in the identification and evaluation of potential environmental liabilities materially affecting the subject property. This Phase I ESA was completed to support the preparation of an Application for Certification (AFC) with the California Energy Commission being prepared under a Task Order contract signed by Solar Millennium, LLC, between Solar Millennium (herein referred to as the client) and AECOM on December 4, 2008. AECOM's scope of work for the AFC was also dated December 4, 2008. Assumptions and limitations to this assessment are presented in Sections 1.3, 1.4, and 1.5 of this report.

1.3 Significant Assumptions

Specific site description information included as part of this ESA was obtained from additional sources of information/reports that were prepared in support of the larger AFC and was assumed to be the most current and accurate project information. Groundwater flow direction was inferred based on topographic features. No other significant assumptions relative to this Phase I ESA were made.

1.4 Study Limitations

This report describes the results of AECOM's due diligence assessment to identify the presence of environmental liabilities materially affecting the subject facility and/or property. In conducting this due diligence evaluation, AECOM assessed the presence of such problems within the limits of the established scope of work.

In conducting this due diligence investigation, AECOM has attempted to independently assess the presence of such problems within the limits of the established scope of work as described in our proposal. As with any due diligence evaluation, there is a certain degree of dependence upon oral information provided by facility or site representatives that is not readily verifiable through visual observations or supported by any available written documentation. AECOM shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed by facility or site

representatives at the time this assessment was performed. In addition, the findings in the report are subject to certain conditions and assumptions. The conditions and assumptions are noted in the report, and any party reviewing the findings of the report must carefully review and consider all such conditions and assumptions.

This report and all field data and notes were gathered and/or prepared by AECOM in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of AECOM's assessment of the subject property. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental conditions at the subject property.

This report is prepared pursuant to an agreement between the client and AECOM and is for the exclusive use of the client. No other party is entitled to rely on the conclusions, observations, specifications, or data contained herein without first obtaining AECOM's written consent and provided any such party signs an AECOM-generated Reliance Letter. A third party's signing of the AECOM Reliance Letter and AECOM's written consent are conditions precedent to any additional use or reliance on this report.

The passage of time may result in changes in technology, economic conditions, site variations, or regulatory provisions which would render the report inaccurate. Reliance on the report after the date of issuance as an accurate representation of current site conditions shall be at the user's sole risk.

Per the ASTM Standard, historical research is complete when either: 1) the objectives in Sections 8.3.1 through 8.3.2 of the ASTM Standards are achieved; or 2) data failure is encountered. Specific data failures/data gaps encountered during the assessment are discussed, as appropriate, throughout this report. A list of the data failures and/or data gaps and an evaluation of their significance is provided in Section 8.5 of this report.

1.5 Site Specific Limitations

AECOM reviewed the regulatory database, historical topographic maps, and historical aerial photographs provided by Environmental Data Resources, Inc. (EDR) in order to identify potential "red flag" areas in which to concentrate the on-site reconnaissance efforts. The weather at the time of the site visit was sunny and clear with temperatures in the 60 degree Fahrenheit range. AECOM performed a windshield survey around the perimeter and other accessible site areas and walked some portions of the site. No significant site access limitations were encountered during the course of this assessment.

1.6 Reliance

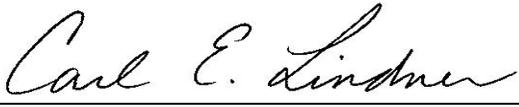
This report, including all supporting field data and notes (collectively referred to hereinafter as "information"), was prepared or collected by AECOM for the benefit of the client. AECOM's client may release the information to third parties, who may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall be solely at the risk of such third party and without legal recourse against AECOM, its parent or its subsidiaries and affiliates, or their respective employees, officers or directors, regardless of whether the action in which recovery of damages is sought is based upon contract, tort (including the sole, concurrent or other negligence and strict liability of AECOM), statute or otherwise. This information shall not be used or relied upon by a party that does not agree to be bound by the above statements.

1.7 Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in Section 312.10 of Title 40 Code of Federal Regulations (CFR) Part 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in Title 40 CFR Part 312.

Name: Carl E. Lindner

Title: AECOM Senior Project Manager

Signature: 

Date: 5/29/09

2.0 SITE DESCRIPTION AND HISTORY

2.1 Property Location

The subject property is located in the Colorado Desert approximately 10 miles east of Desert Center, Riverside County, California. The subject property is located on the northeastern side of the intersection of U.S. Interstate 10 (I-10) and Chuckwalla Valley Road and is accessible via the Corn Springs Road exit and Callie Avenue to the west. The subject property is irregularly shaped and consists of approximately 6,250 acres of vacant desert land administered by the Bureau of Land Management (BLM), with the exception of one 40-acre privately owned parcel, currently under purchase option. The property consists of the following contiguous parcels: 8101-10-006, 8101-10-021, 8101-10-027, 8101-82-002, 8101-90-003, 9101-90-004, 8101-70-001, 8101-10-028, 8101-10-022, 8101-10-016, 8101-10-032, 9101-10-023, 8101-10-007 (private), and 8101-10-029. A Site Location Map is provided in **Figure 1**.

2.2 Current Use of the Subject Property

The subject property is unimproved desert land. The majority of the subject property is covered by desert scrub on the southern portion of the property and by sand dunes and part of the historical southern shoreline of the Palen Dry Lake on the northern side of the property. The site assessment identified power lines and dirt roads traversing the property with an unused corral on another portion of the site. Small quantities of miscellaneous household garbage were observed at various locations throughout the site.

During the site visit, no visual evidence of groundwater monitoring wells, clarifiers, or hazardous materials storage was observed on the subject property. One historic groundwater well was observed in on the property in Section 33 T05S R17E. In addition, no discolored soil, water, unusual vegetative conditions, staining or visual evidence of hazardous materials release was observed at the time of AECOM's site visit.

A Site Plan is provided in **Figure 2**. Representative site photographs are attached as **Attachment A**.

2.3 Descriptions of Property and Structures

With the exception of the existing power lines traversing the property, no buildings or structures were identified or observed on the subject property during AECOM's site visit.

2.4 Utilities

No utilities currently service the subject property. However, overhead power lines traverse the subject property and provide power to a neighboring residence. No structures requiring power were observed on site. There was evidence of a historical potable/process water supply well on site and a representative photo can be seen in **Attachment A**.

2.5 Current Use of Adjoining Properties

Adjacent and to the north of the subject property is undeveloped desert land and the Palen Dry Lake and associated dune features. To the east is undeveloped desert land. To the south is I-10, beyond which is undeveloped desert land. To the west is undeveloped desert land, a residence, and Cocopah Nurseries, an agricultural business.

2.6 Previous Environmental Reports

A previous report, entitled "Reconnaissance-Level Geotechnical and Water Supply Assessment for Palen Solar Projects" and prepared by CH2MHILL, was provided for AECOM review. The report provided a cursory overview of the general geology and available water supply information for the subject property.

2.7 Historical Use Information on the Property and Adjacent Sites

The following site history was prepared based on the review of aerial photographs dated 1953, 1999, and 2002, and of historical topographic maps dated 1952 and 1986, all of which were provided by EDR. Copies of the aerial photographs and historical topographic maps are provided in **Attachment B**.

2.7.1 Aerial Photograph Review

The 1953 aerial photographs (scale 1" = 1,000') show the subject property and adjacent sites as undeveloped desert land. Interstate 10 is visible to the south of the subject property. Additionally, several dirt tracks and roads are visible throughout the subject property and adjacent properties. These tracks were likely utilized by recreational visitors to the area.

The 1999 and 2002 aerial photographs (scale 1" = 1,000') depict the subject property and the southern, eastern, and northern adjacent sites as undeveloped, desert land. I-10 is visible to the south of the subject property, as is an off-ramp to the southwest of the property. To the west of the subject property, there is a parcel of approximately 100 acres with a residence and connected agricultural activities. Power lines bisect the southwestern side of the property and beneath them a dirt road is visible. Several other dirt roads are visible throughout the subject property and the adjacent properties. These dirt roads appear to provide access to the adjacent residence/farm and to the subject property.

2.7.2 Historical Topographic Map Report Review

Historical topographic maps were available for the subject property in the following maps: Sidewinder Well Quadrangle (1952) and Sidewinder Well Quadrangle (1986).

The historical topographic maps do not indicate any historical development, pits, or mines on the subject property. A lake bed is indicated in the northeastern corner of the property on the 1952 Sidewinder Well Quadrangle Map and sand dunes are identified beyond the lake bed in both topographic maps.

2.7.3 Sanborn Map Review

Sanborn Map coverage was not available for the subject property or surrounding area.

2.7.4 Summary of Historical Review

The subject property and adjacent properties appear not to have been historically developed, aside from the residential and agricultural use of the western adjacent property (circa 1996 to present). No industrial or commercial sites were identified in the vicinity of the subject property.

3.0 PHYSIOGRAPHY, GEOLOGY, AND HYDROGEOLOGY

3.1 Physiography

According to information provided in the Draft Reconnaissance-Level Geotechnical and Water Supply Assessment for Palen Solar Projects, prepared by CH2MHill in 2008, the Palen site elevation ranges from approximately 650 to 425 feet and slopes gently from the southwest to the northeast. Site grades typically range from 1.8 percent in the central portion of the site to essentially flat in the northeastern portion of the site within the playa or dry lake bed. Steeper grades were present at isolated sand dunes along the northern portion of the site.

The site grades are relatively flat. Toward the north and central portions of the site, the ground becomes hummocky as it transitions to the flat playa located along the northern portion of the site, as shown in Photograph 2. The playa material has a high fines content and is not typical of the more prevalent flat and mildly hummocky ground. Directly north and east of the site are sand dunes that appear to trend in a northwest to southeast direction as they are affected by the winds.

No holding ponds or other permanent water bodies were observed on the subject property. No staining or stressed vegetation was observed associated with the drainage features located along the southern and eastern sides of the subject property.

3.2 Geology

The subject property is located in the Chuckwalla Valley in the Colorado Desert Province. This province consists of desert terrain with mountain ranges surrounded by extensive alluvial fans, plains and sand dunes likely related to the former Palen Lake to the north. The majority of the site, including the dunes, consists of sandy material, which was classified in the prior study to be poorly graded sand with silt. Across most of the subject property, the soils would be expected to range from silty sand to poorly graded sand with silt. Typical fines content in these soils would be expected to be in the range of 5 to 35 percent. Dune sands likely have lower fines content and may classify as poorly graded sand.

3.3 Hydrogeology

According to the CH2MHill Report, the depth to groundwater recorded in the area ranges from about 75 to 190 feet below the ground surface. Groundwater is believed to flow in a southwest to northeast direction toward the dry lake.

4.0 USER PROVIDED INFORMATION

Section 6 of the ASTM Standard states that certain tasks, which will help to determine the possibility of RECs associated with the subject property, are generally conducted by the ESA report user. This includes reviewing title records for environmental liens or activity and land use limitations, and considering awareness of any specialized knowledge (e.g., information about previous ownership or environmental litigation), experience related to RECs at the subject property, or significant reduction in the purchase price of the subject property. Per the agreed scope of work, information related to these items should be provided by the ESA report user to AECOM.

4.1 Title Records/Environmental Liens

Per the agreed upon scope of work, a lien search was not performed as a part of this assessment. However, other than the information discussed as appropriate in this report, the client did not provide information concerning any environmental concerns associated with title records, nor was the user aware of environmental liens on the subject property.

4.2 Specialized Knowledge/Value Reduction Issues

The client had no specialized knowledge pertaining to the subject property or related onsite operations, nor was the user aware of property valuation reduction issues for the subject property.

4.3 Reason for Performing the Assessment

AECOM was authorized by the client to perform this Phase I ESA as part of a potential lease agreement for the subject property with the BLM.

4.4 Other

Other than the documentation discussed in this report, the client was not aware of any additional information relative to the subject property.

5.0 INTERVIEWS

5.1 Interview with Current Subject Property Owner

The current property owner is the United States government, and is under the administration of the BLM Palm Springs Office. The Palm Springs Office was presented with a one page "User Questionnaire." The user was required to provide the information requested (if available) to the AECOM environmental professional. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete. The completed questionnaire was returned to AECOM. The questionnaire did not identify that the BLM representative was aware of any potentially negative environmental conditions on the subject property.

5.2 Interview with Past Owners, Operators and Occupants

Per ASTM, interviews with past owners, operators, and occupants of the subject property, who are likely to have material information regarding the potential for contamination at the subject property, shall be conducted to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. AECOM obtained historical information from aerial photographs and historical topographic maps which showed that the subject property consistently has been undeveloped, desert land. Historical onsite use has been limited to power transmission right-of-ways, unimproved roads, and public/recreation access. Based on AECOM's historic research, and because interviews with past owners of the subject property were likely to provide duplicative information, past owners were not contacted. This data gap is not expected to represent a significant limitation to this investigation.

5.3 Interview with Site Manager

AECOM interviewed the BLM (as stated above), which is the government agency currently managing the subject property. No information with respect to negative environmental conditions on the subject property was identified.

5.4 Interview with Government Agencies

Interviews with select government agencies, such as the Regional Water Quality Control Board and the Department of Toxic Substances Control, were conducted as appropriate, and salient information is incorporated as appropriate throughout this report.

6.0 SITE RECONNAISSANCE

6.1 Introduction

Ms. Stefanie Smith, AECOM Environmental Specialist, conducted a site reconnaissance of accessible areas on the subject property on March 17 and 18, 2009.

AECOM's objectives were to visually inspect the subject property for potential evidence of contamination and the presence of hazardous or regulated substances. AECOM accomplished these objectives through a site reconnaissance (visual observation), interviews, and record reviews. The site reconnaissance methodology consisted of walking through portions of the subject property, with particular focus on areas of dumping, garbage and debris, and driving the perimeter of the subject property and selected accessible portions of the interior of the subject property. Field binoculars were used during the course of this assessment to ensure that significant site features were visually evaluated. AECOM also performed a "windshield survey" of accessible nearby properties.

The following subsections provide information on the subject property relative to the generation, use, and disposal of hazardous and non-hazardous materials; above and underground storage tanks; Polychlorinated Biphenyls (PCB)-containing equipment; water resources, including wastewater discharges and potable water usage; and herbicide and pesticide usage.

6.2 Oil and Hazardous Materials

AECOM did not observe evidence of the use or storage of oil or hazardous materials on the subject property.

6.3 Hazardous and Solid Wastes

No evidence of hazardous waste generation was observed at the subject property. However, as noted in Section 2.2, small quantities of household refuse were observed at various locations on the subject property. Some of this refuse is likely to be from abandonment on the property during recreational use, such as hiking, mountain biking, and off-highway vehicle activities, but may also come from disposal from cars on I-10.

6.4 Underground Storage Tanks (USTs)

No evidence of USTs (e.g., vent pipes, fill ports) was observed at the subject property during the site reconnaissance. No records of potential USTs were discovered during the ESA activities.

6.5 Aboveground Storage Tanks (ASTs)

No evidence of ASTs was observed at the subject property during the site reconnaissance. No records of potential ASTs were discovered during the ESA activities.

6.6 PCB-Containing Equipment

For informational purposes, PCB-containing dielectric fluids have been widely used as coolants and lubricants in transformers, capacitors, and other electric equipment due to their insulating and nonflammable properties. No transformer or PCB-containing equipment, including pole-mounted transformers, were observed at the subject property during the site reconnaissance.

6.7 Water

6.7.1 Potable Water

No potable water is currently supplied to the subject property. One historic groundwater well was observed in the southern to central portion of the property (Section 33 T05S R17E); however, the well does not appear to be in use as there was no pumping equipment in the vicinity and the exposed well casing did not appear to be connected to anything. No information was available to determine if the well was used for domestic or irrigation purposes. No specific water quality information was available as of this writing.

6.7.2 Wastewater

No wastewater is currently generated at the subject property, and there is no evidence that wastewater has been generated at the property in the past.

6.7.3 Stormwater

Stormwater, which does not infiltrate into the subject property, leaves the subject property via sheet flow and proceeds in a northeast direction to the Palen Dry Lake.

6.8 Herbicide and Pesticide Use

Fertilizers, herbicides, and pesticides are not expected to have been used on the subject property due to the lack of documented agricultural use.

6.9 Surface Staining/Stressed Vegetation/Debris

No areas of stressed vegetation, staining, or debris were observed during AECOM's site reconnaissance. However, as noted in Section 2.2, small quantities of household refuse were observed at various locations on the subject property.

7.0 RECORDS REVIEW

7.1 Federal and State Database Review

Standard environmental record sources are defined in Section 8.2.1 of the ASTM Standard. These records consist of selected federal and state environmental databases. ASTM also specifies the appropriate search distances from the subject property for which these records should be reviewed. AECOM retained the services of EDR of Milford, Connecticut to provide specified state and Federal regulatory list information for potential sites of environmental concern located at or in the vicinity of the subject property. EDR maintains a computerized Geographic Information System listing of various state and Federal databases in accordance with the ASTM Standard. The database search was based upon ASTM-specified standard record sources. Additionally, databases searched by EDR satisfy records review requirements of the all appropriate inquiry rule. EDR includes these databases, when available, as a part of its report. Descriptions of each database are provided in the EDR database report, which is provided as **Attachment C**.

The EDR report includes various reports detailing database information for each of the sites identified/geocoded within the specified radius. Additional sites with recognized environmental risks were identified, but AECOM was not able to map them to specific locations due to insufficient/contradicting address information. These sites were included in EDR's report as "orphan" sites.

Findings

The EDR database did not indicate any sites of concern to be located on the subject property or within a one-mile radius of the subject property. Additionally, the orphan sites identified in the database report were determined to be outside a one-mile radius from the subject property.

7.2 Agency Review

Per Section 8.2.2 of the ASTM Standard, local, and/or additional state or tribal sources of environmental records shall be reviewed to enhance and supplement the ASTM-required Federal and state records reviewed and discussed in Section 7.1 of this report. As the subject property was not located on or within one mile of tribal lands, tribal records were not researched as a part of this assessment.

No information was available from the Regional Water Quality Control Board or the Department of Toxic Substances Control to indicate any historical hazardous waste or contamination issues at the subject property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

AECOM performed a Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Practice E 1527-05, which meets the requirements of Title 40 CFR Part 312 and is intended to constitute all appropriate inquiry for purposes of the landowner liability protections. No physical environmental sampling was performed, as none appeared to be necessary or warranted. Any exceptions to, or deletions from, this practice are described in Sections 1.4 and 1.5 of this report. Additional services included in this ESA are described in Section 1.2 of this report.

Per the ASTM Standard, potential findings can include RECs, including historical RECs (HRECs) and de minimis conditions. A REC signifies the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. HRECs are generally conditions that in the past have been remediated to the satisfaction of the responsible regulatory agency. De minimis conditions are those situations that do not present a material risk of harm to public health or the environment and generally would not be subject to enforcement action if brought to the attention of the regulating authority.

8.1 RECs

Based on the above-described activities and conditions, no RECs were identified in connection with the subject property.

8.2 HRECs

Based on the above-described activities, no HRECs were identified in connection with the subject property.

8.3 De minimis

Miscellaneous trash and debris (e.g., household dumping) was observed at various locations throughout the subject property and surrounding area. However, no hazardous waste was observed on the subject property during AECOM's site visit.

8.4 Other Environmental Concerns

No other (non-ASTM) environmental concerns were identified in connection with the subject property.

8.5 Data Failures / Data Gaps

AECOM's ESA identified the following data failures/gaps:

- Per ASTM, past owners, operators, and occupants of the subject site, who are likely to have material information regarding the potential for contamination at the subject site, shall be interviewed to the extent that they can be identified and that the information likely to be obtained is not duplicative of information already obtained from other sources. AECOM obtained historical property information from historical aerial photographs and historical topographic maps. From at least 1953 through the present, the subject property and adjacent sites, with the exception of Cocopah Nurseries, appear to have been undeveloped desert land. Based on historic use of the subject property and surrounding area, and because interviews with past owners of the subject

property were likely to provide duplicative information, past owners were not contacted. This data gap is not expected to represent a significant limitation to this investigation.

- Per ASTM, local, and/or additional state or tribal environmental records sources shall be reviewed to enhance and supplement the ASTM-required Federal and state standard records sources. Note that EDR also includes selected local, and/or additional state or tribal records within its search. Per the ASTM Standard, approximate minimum search distances for additional records sources should not be less than those specified for standard records sources, but can be adjusted at the discretion of the environmental professional based on 1) the density of the setting in which the property is located; 2) the distance that the hazardous substances or petroleum products are likely to migrate based on local geologic or hydrogeologic conditions; 3) the property type; 4) existing or past uses of surrounding properties; and 5) other reasonable factors. Based on AECOM's observations during the site reconnaissance, no significant environmental concerns were identified associated with the adjacent properties; thus, additional state and local records not included within the EDR report were reviewed for the subject property only. This data gap is not expected to represent a significant limitation to this investigation.

8.6 Recommendations

On the basis of the findings described above, AECOM does not recommend any further investigation. However, prior to site development, it is recommended that the miscellaneous trash and debris on the site be removed and properly disposed of.

9.0 REFERENCES

9.1 Persons Performing the Site Assessment

Stefanie Smith, Staff Specialist II, AECOM - Oakland, CA, (510) 350-9981; conducted the site visit, site history research, and prepared the report (environmental professional qualifications are provided in **Attachment D**).

Kirsten Bradford, Project Specialist, AECOM - Camarillo, CA, (805) 388-3775; site visit support, quality assurance review (environmental professional qualifications are provided in **Attachment D**).

Carl Lindner, Project Manager, AECOM – Camarillo, CA, (805) 388-3775; quality assurance review (environmental professional qualifications are provided in **Attachment D**).

9.2 Persons Interviewed

A BLM representative completed the User Questionnaire on 7/29/09. No indication of past or present site uses that would pose a negative environmental condition on the property was identified.

9.3 Reports and Documents Reviewed

California Environmental Protection Agency's State Water Resources Control Board, online Geotracker database search conducted at <http://www.geotracker.swrcb.ca.gov/>

Department of Toxic Substances Control, online EnviroStor database search conducted at <http://www.envirostor.dtsc.ca.gov/public/>

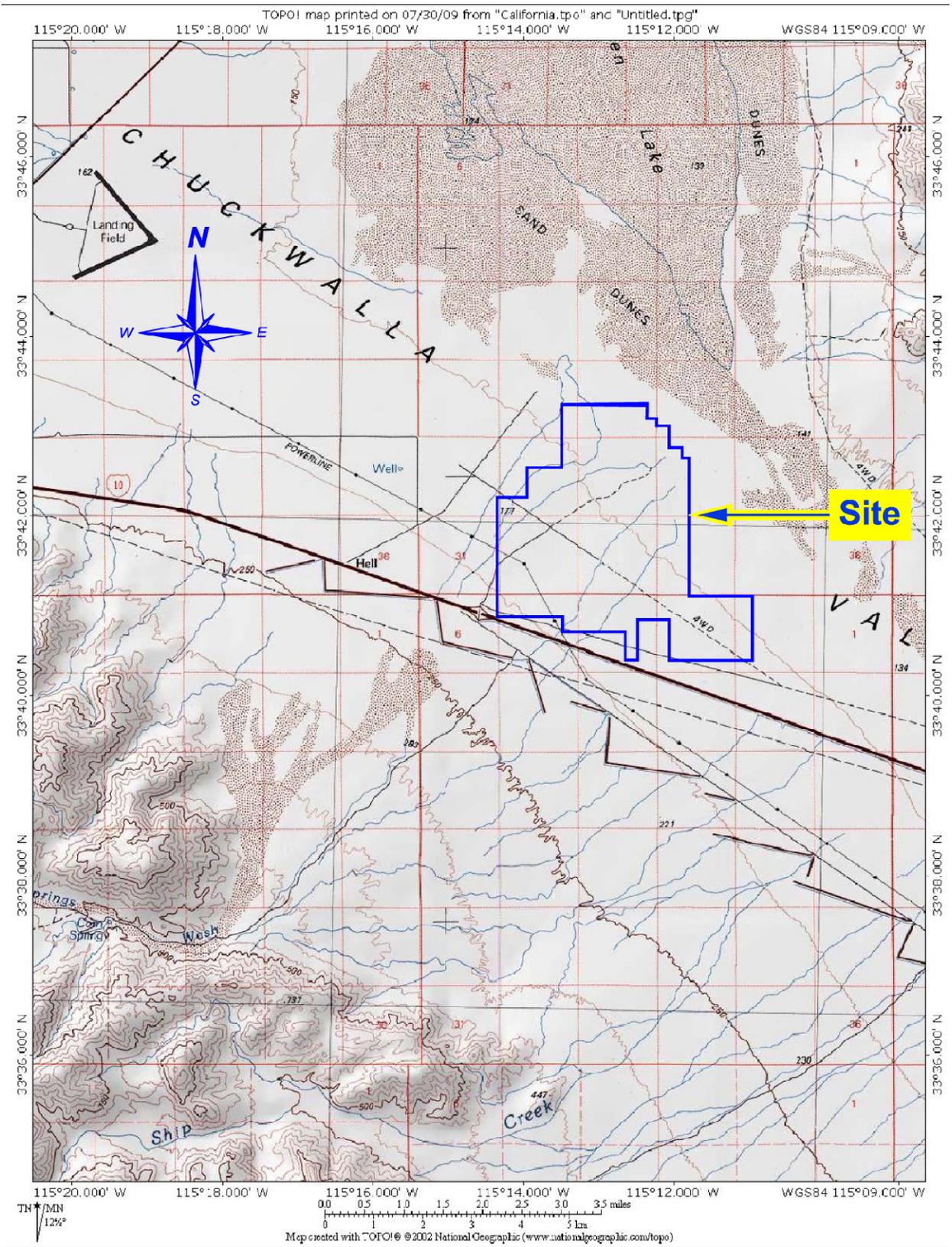
EDR Aerial Photo Decade Package, Palen – Desert Center, California, Inquiry Number 2414958.5, 1953, 1999, and 2002. February 17, 2009. EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.

EDR-Radius Map with Geocheck®, Palen – Desert Center, California, Inquiry Number 02414958.7r, February 6, 2009. EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.

Reconnaissance-Level Geotechnical and Water Supply Assessment for Palen Solar Projects (Draft). Prepared by CH2MHill. October 2008.

US EPA's Enforcement & Compliance History Online and online Comprehensive Environmental Response, Compensation, and Liability Information System databases searched at <http://www.epa-echo.gov/echo/> and <http://cfpub.epa.gov/supercpad/cursites/srchsites.cfm>, respectively.

Figures



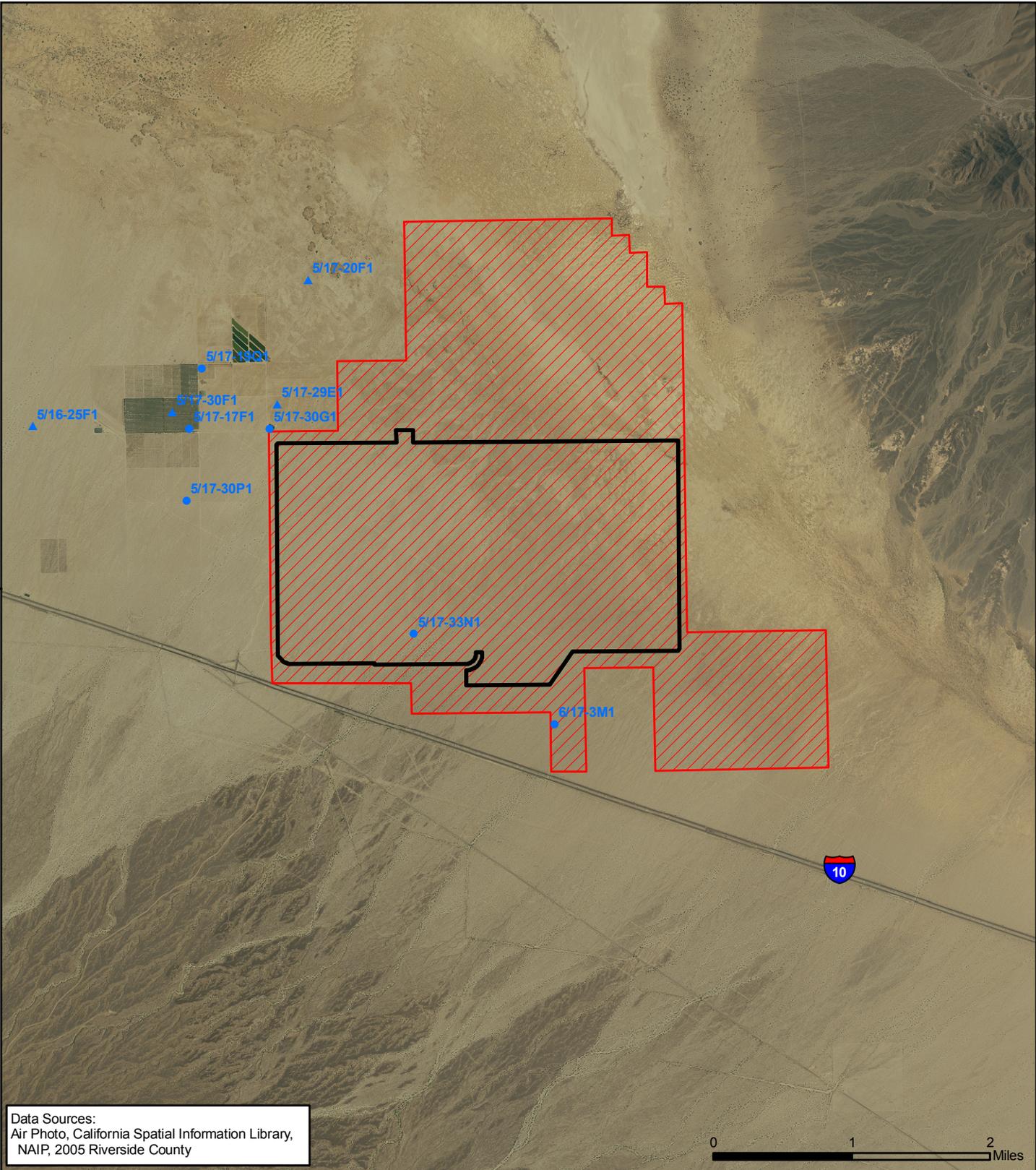
Blythe Solar Power Project

**Figure 1
Site Location Map**

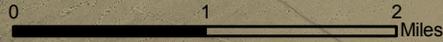


AECOM

Project: 12944-002
Date: May 2009



Data Sources:
 Air Photo, California Spatial Information Library,
 NAIP, 2005 Riverside County



Legend

-  Project Right-of-Way
-  Facility Footprint
-  Location of Groundwater Well
Location based on Latitude and Longitude
in USGS Database
-  Approximate Location of Groundwater Well
Location based on the State Well Number
(No other coordinates available)



**Palen Solar
 Power Project**

**Figure 2
 Site Map**




Project: 12944-001
 Date: May 2009

Attachment A

Representative Site Photographs



Photo No. 1
View facing north from the access road to the subject property.



Photo No. 2
View facing east from the northwest corner of the subject property.



Photo No. 3
View of the damaged, unused corral on the northwestern corner of the subject property.



Photo No. 4
View of the subject property south from the western boundary of the subject property. Note the power lines bisecting the southwestern corner of the property.



Photo No. 5
View of the historic well located on the southern portion of the subject property.



Photo No. 6
View of the central portion of the subject property.



Photo No. 7
View across the subject property, facing east from the center of the dry lake bed.



Photo No. 8
View facing south from the eastern side of the dry lake bed.



Photo No. 9
View facing northeast from the southern side of the subject property.



Photo No. 10
View of the typical landscape on the southern portion of the property.

Attachment B

Aerial Photographs



Palen

Palen

Desert Center, CA 92239

Inquiry Number: 2414958.5

February 17, 2009

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography February 17, 2009

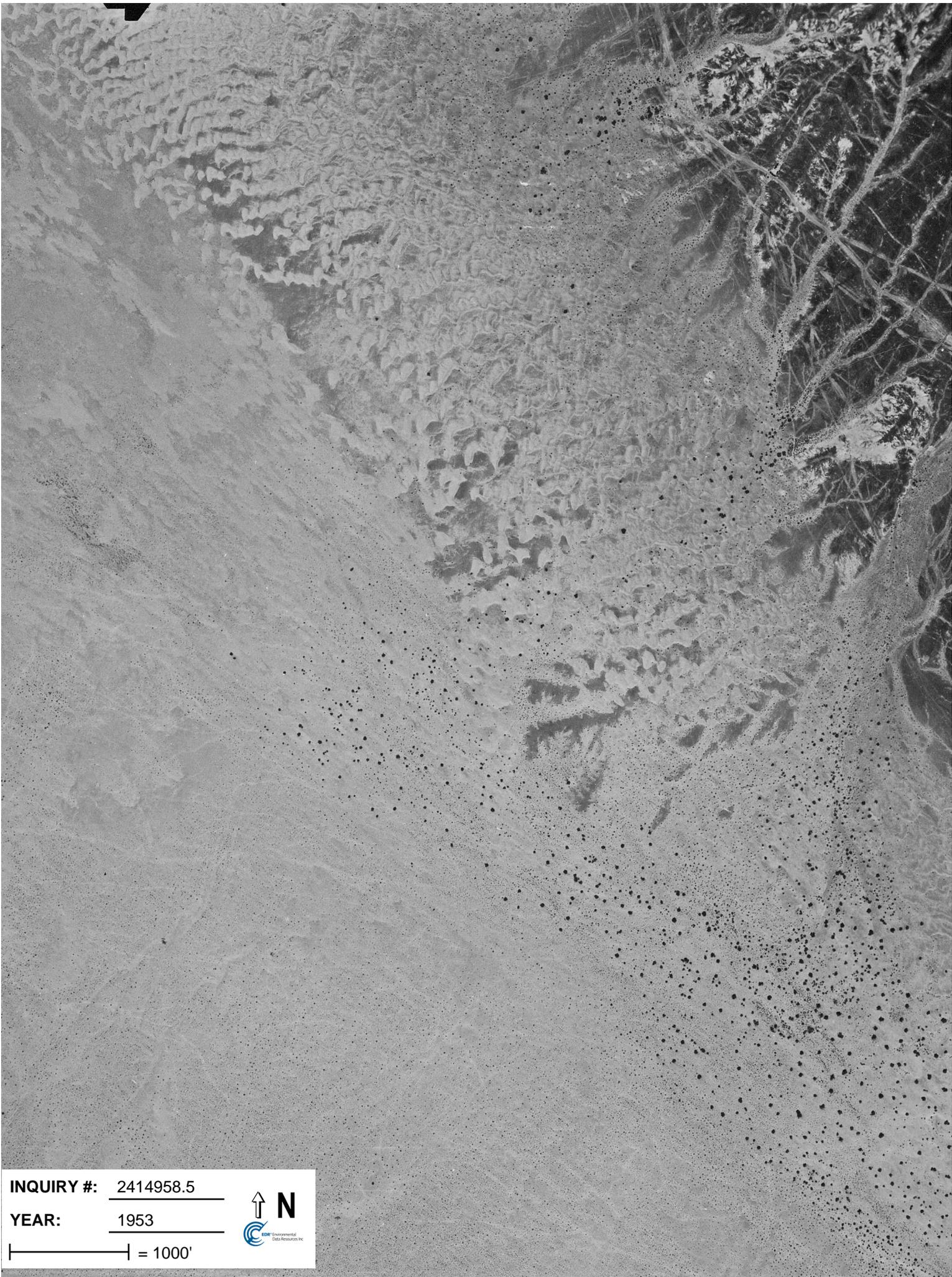
Target Property:

Palen

Desert Center, CA 92239

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953 Best Copy Available from original source	Pacific Air
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1996	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1996	USGS
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YEAR: 1953

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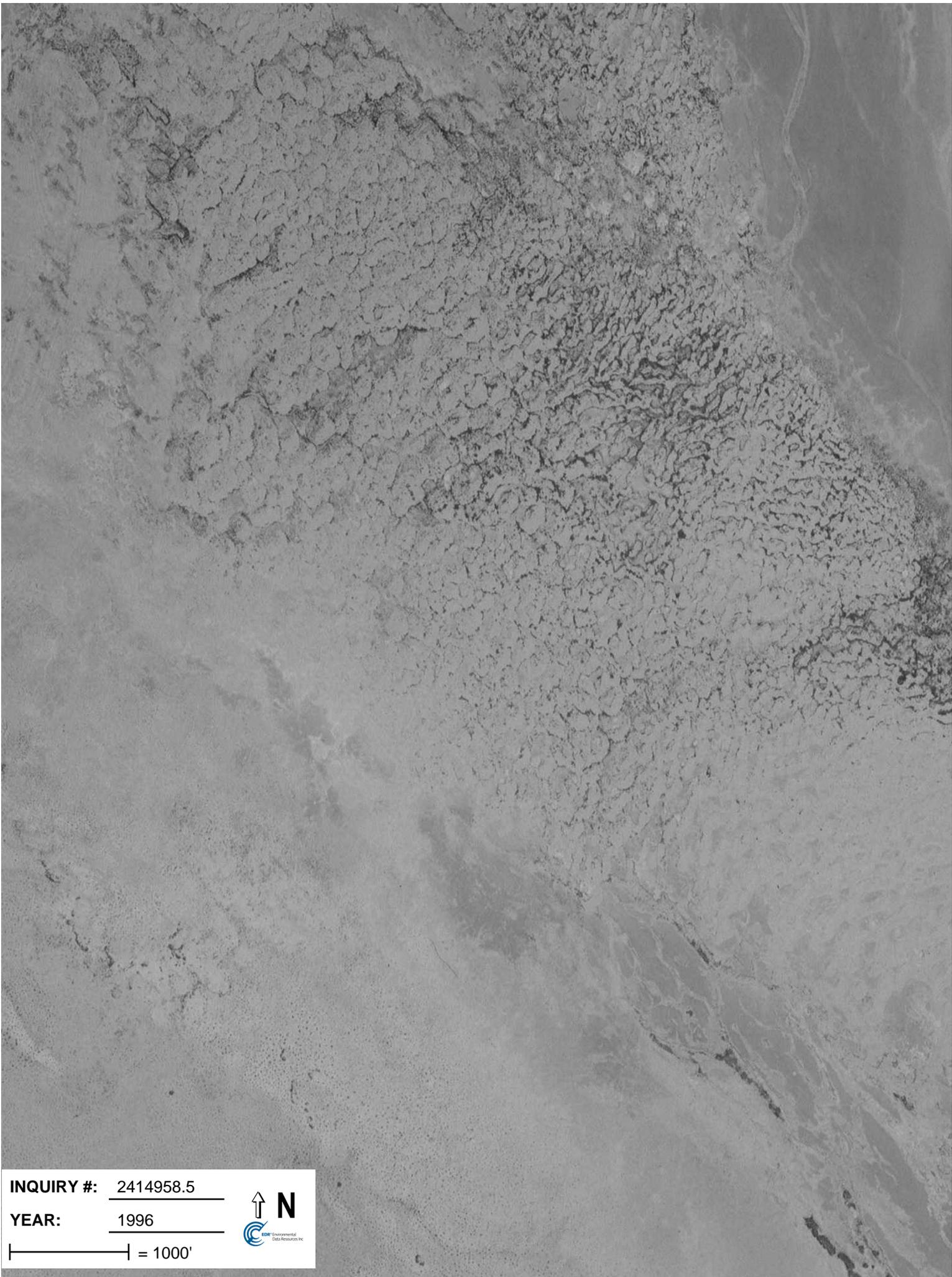


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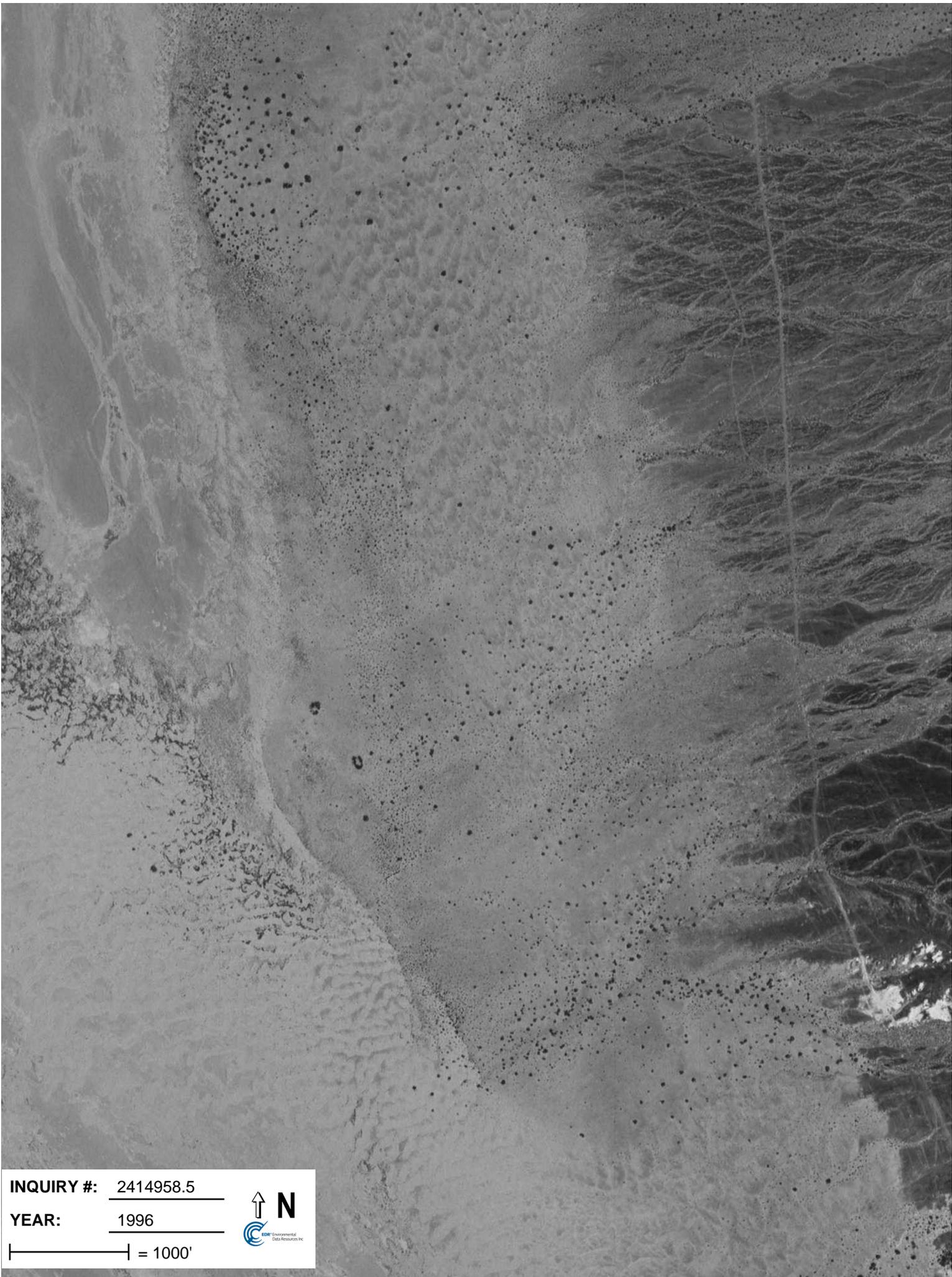


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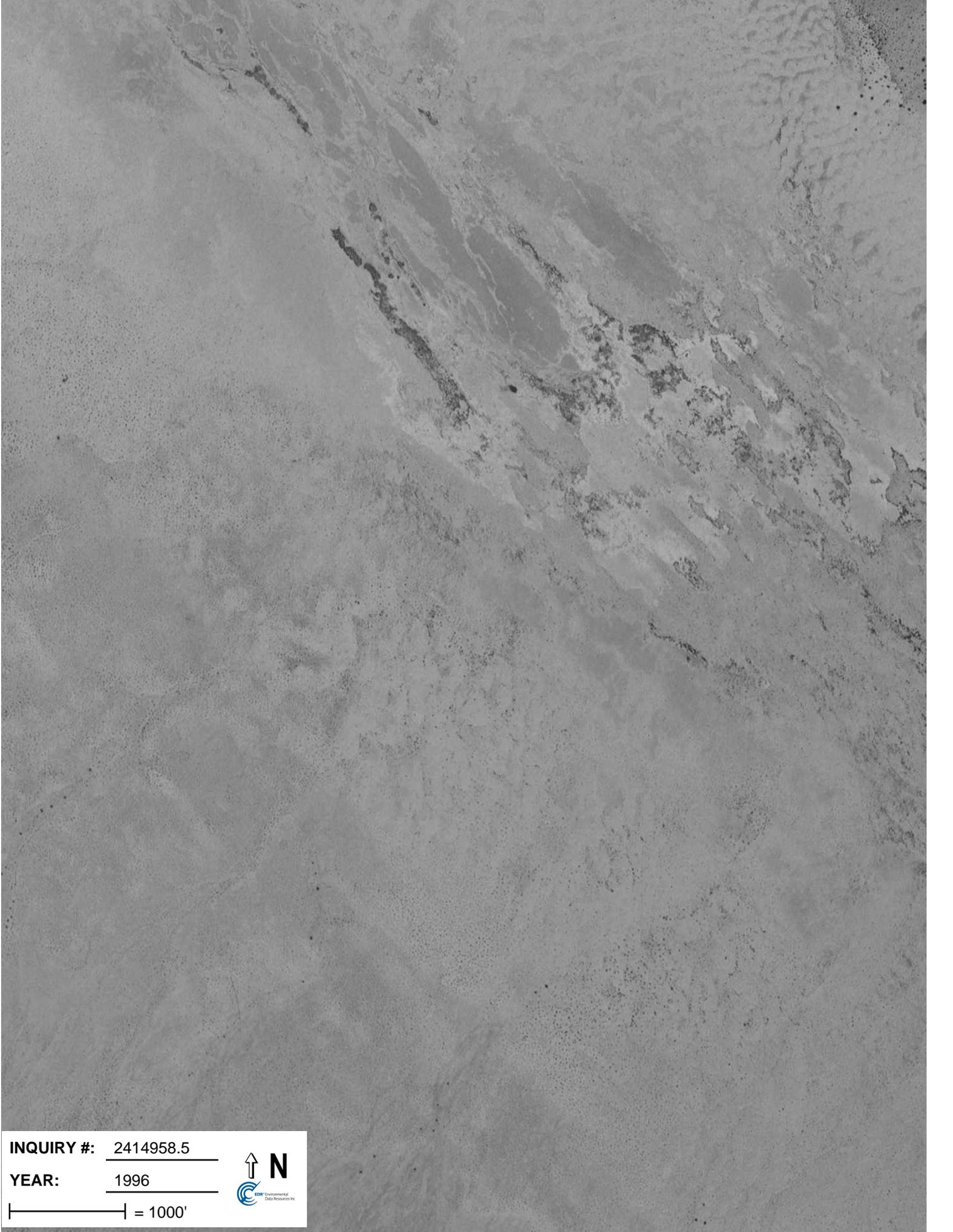


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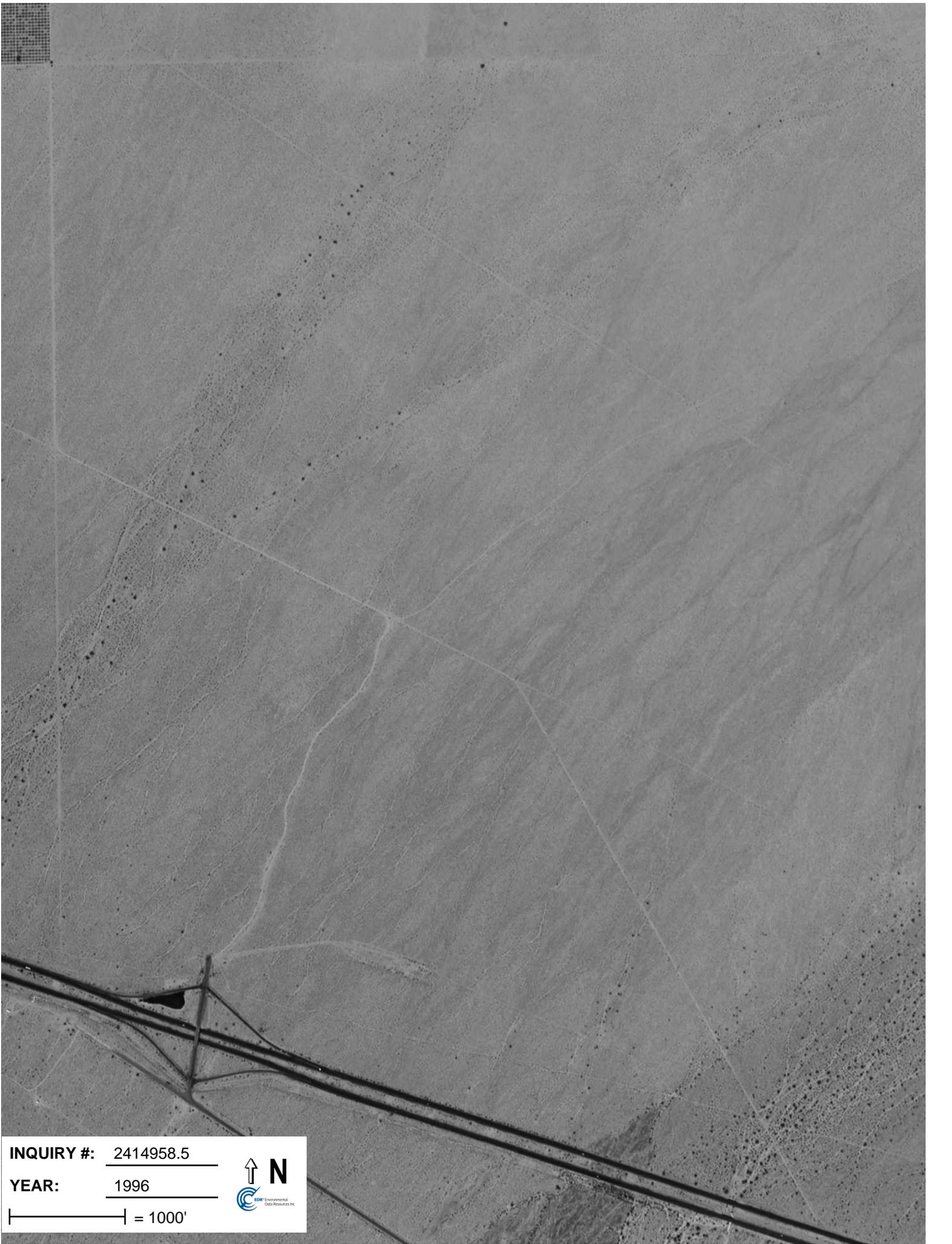


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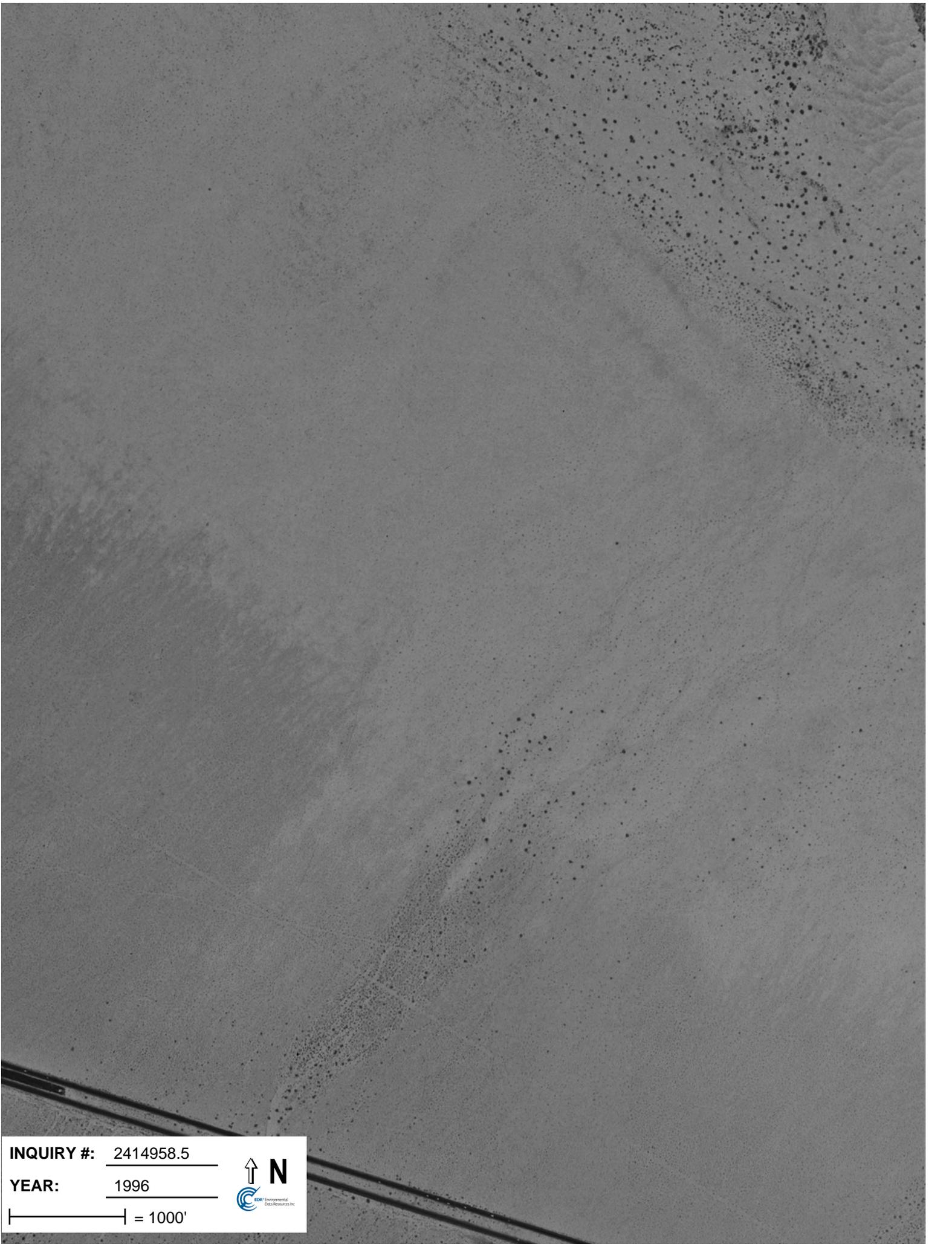


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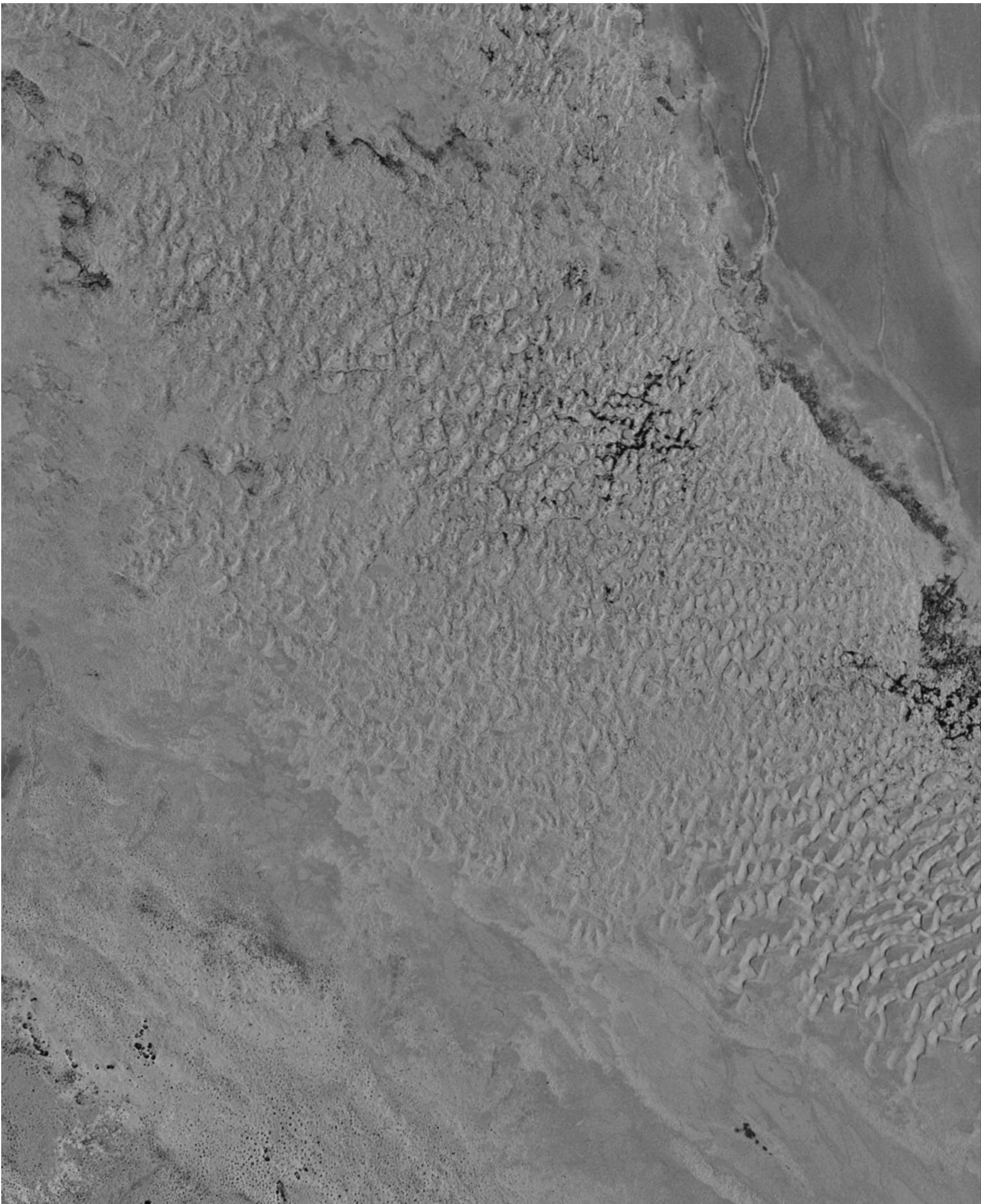


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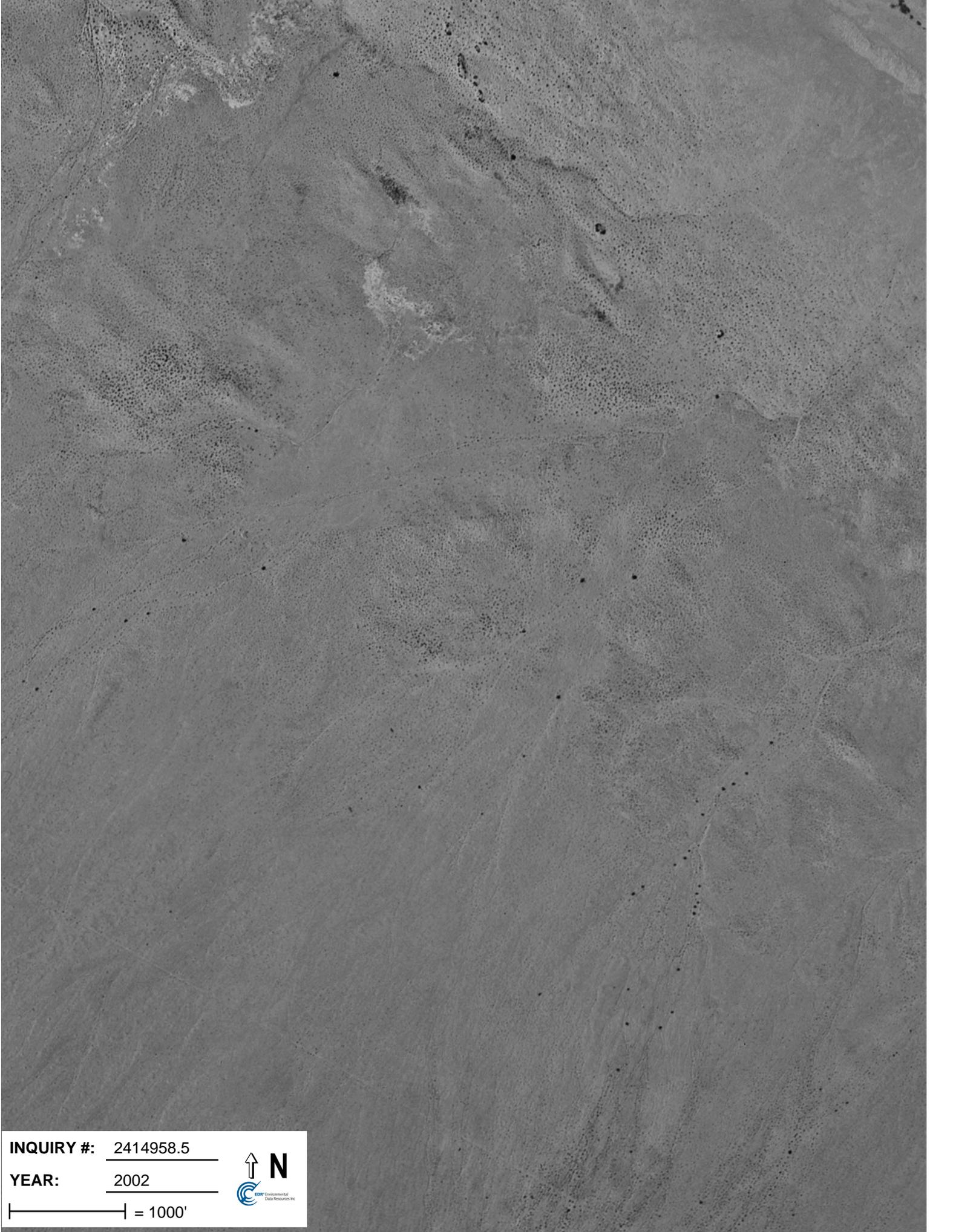


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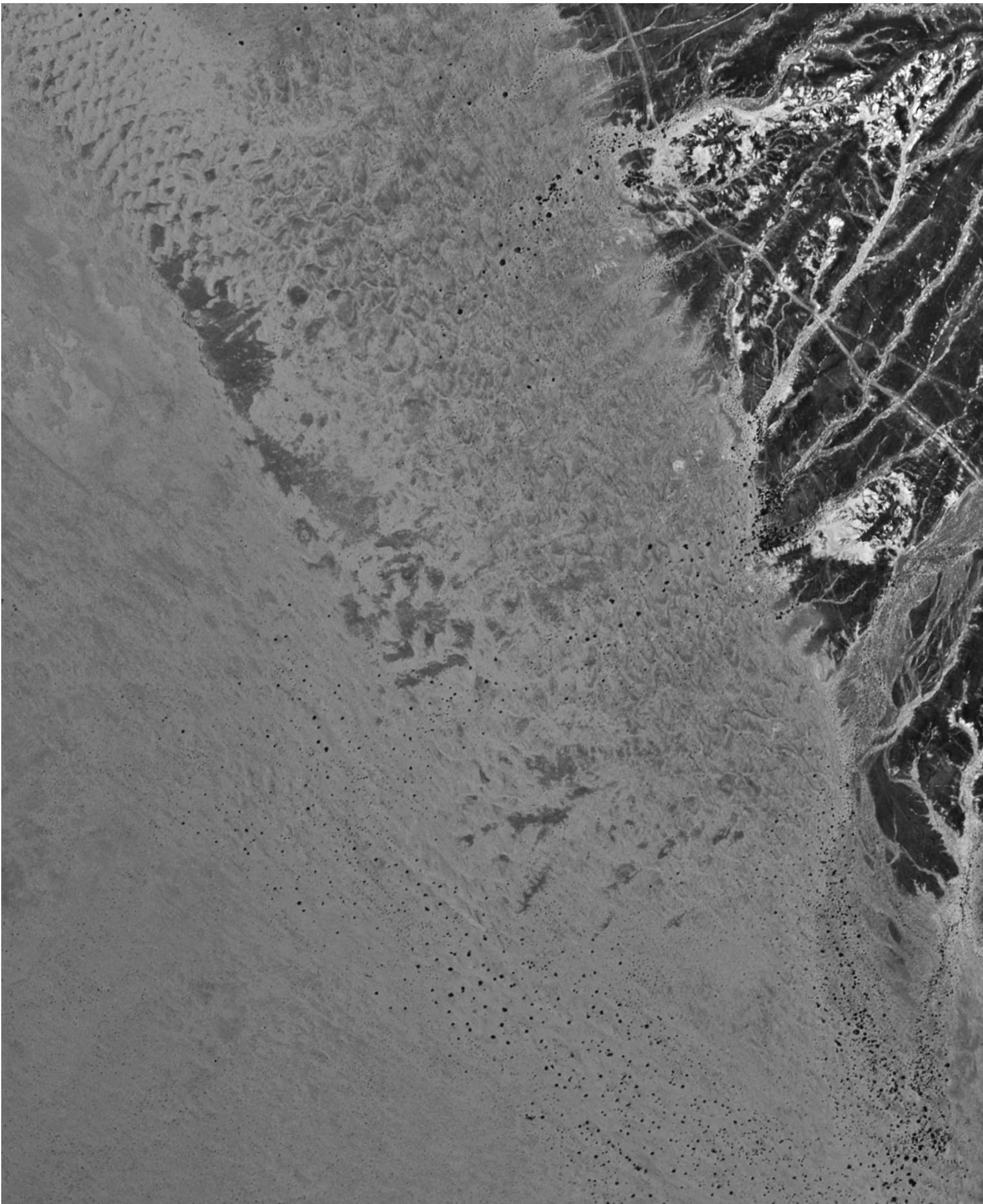


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YEAR: 2002

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Palen

Palen

Desert Center, CA 92239

Inquiry Number: 2414958.6

February 10, 2009

The EDR Historical Topographic Map Report

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with any questions or comments.

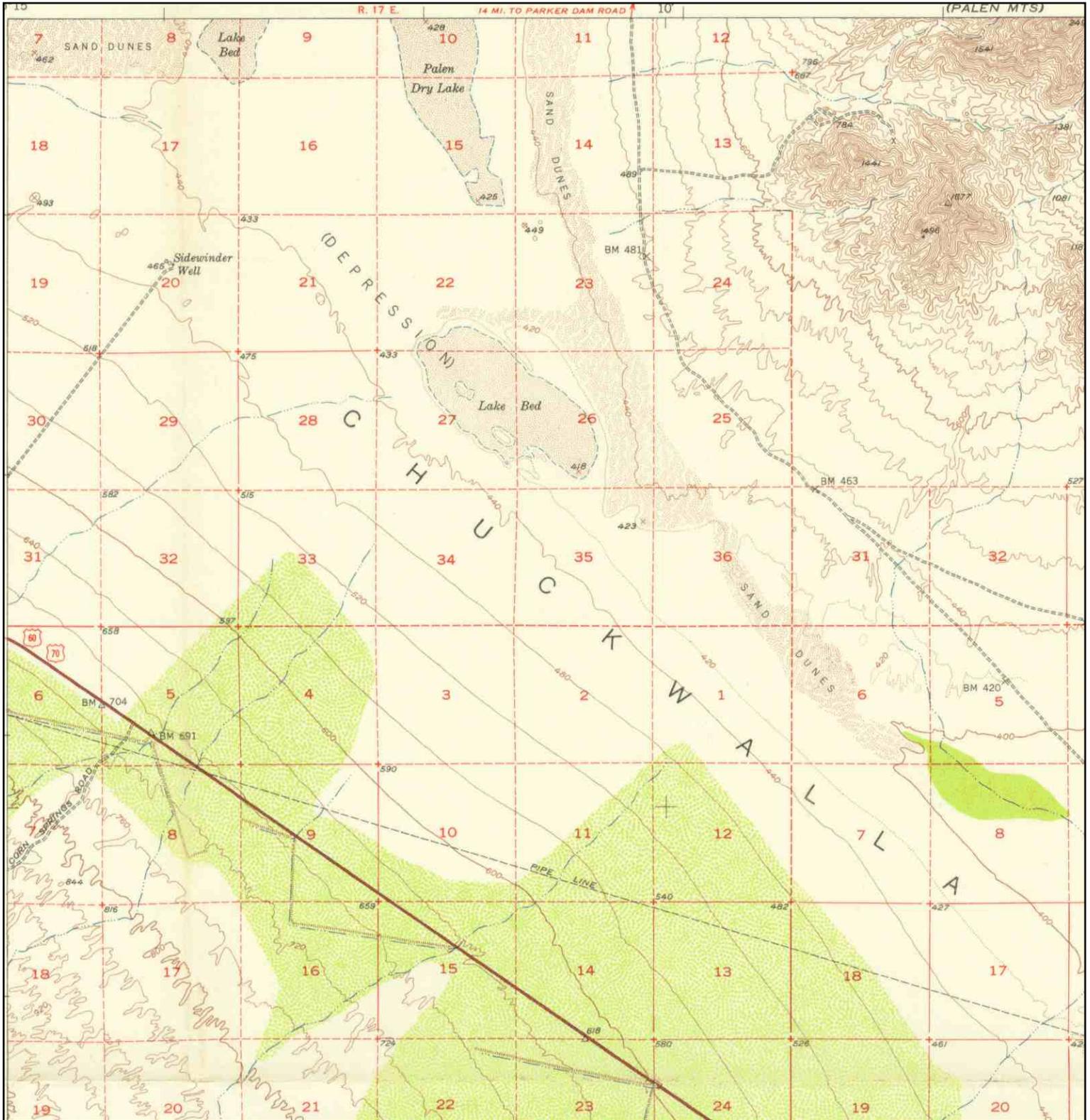
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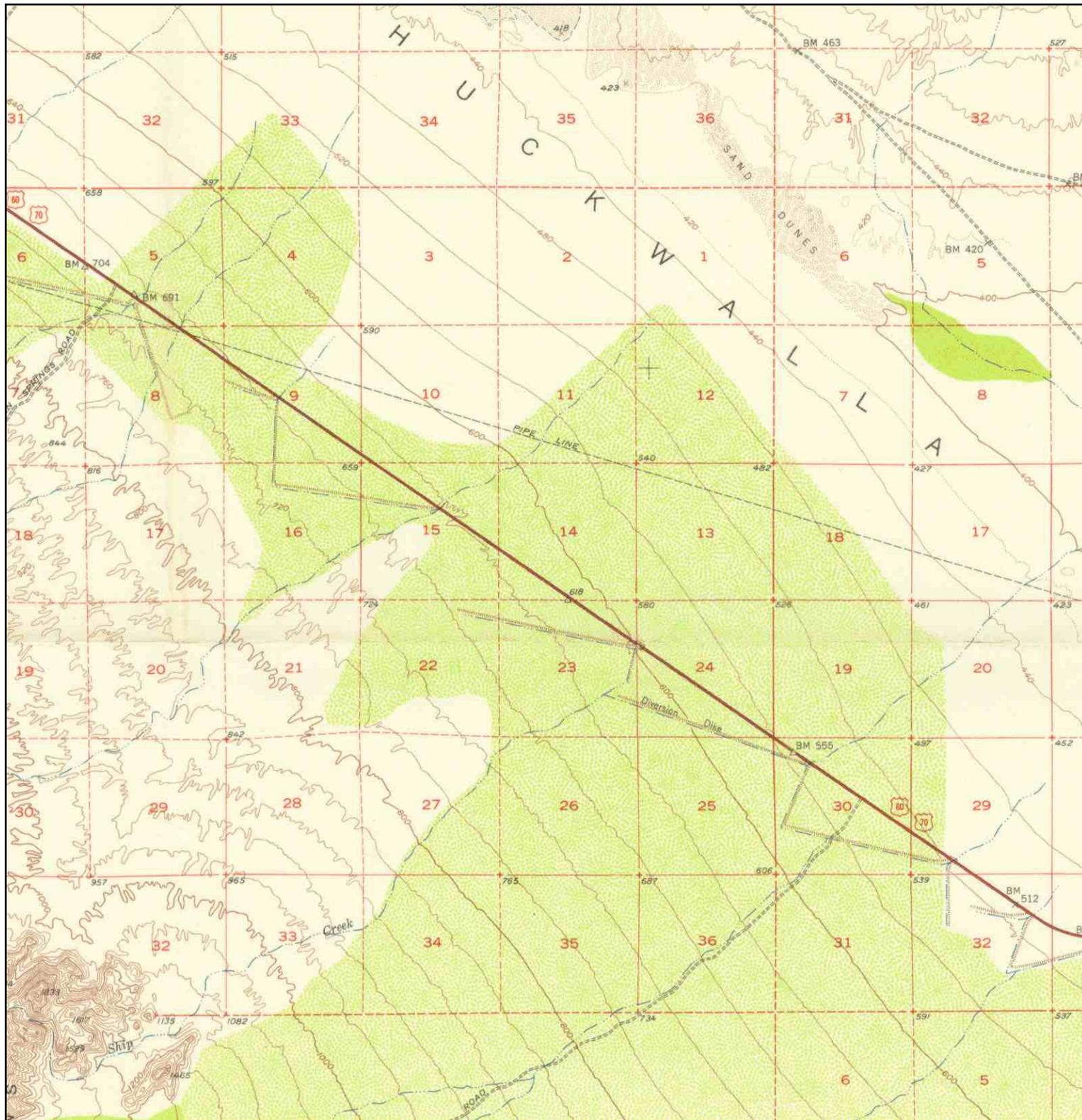
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Historical Topographic Map



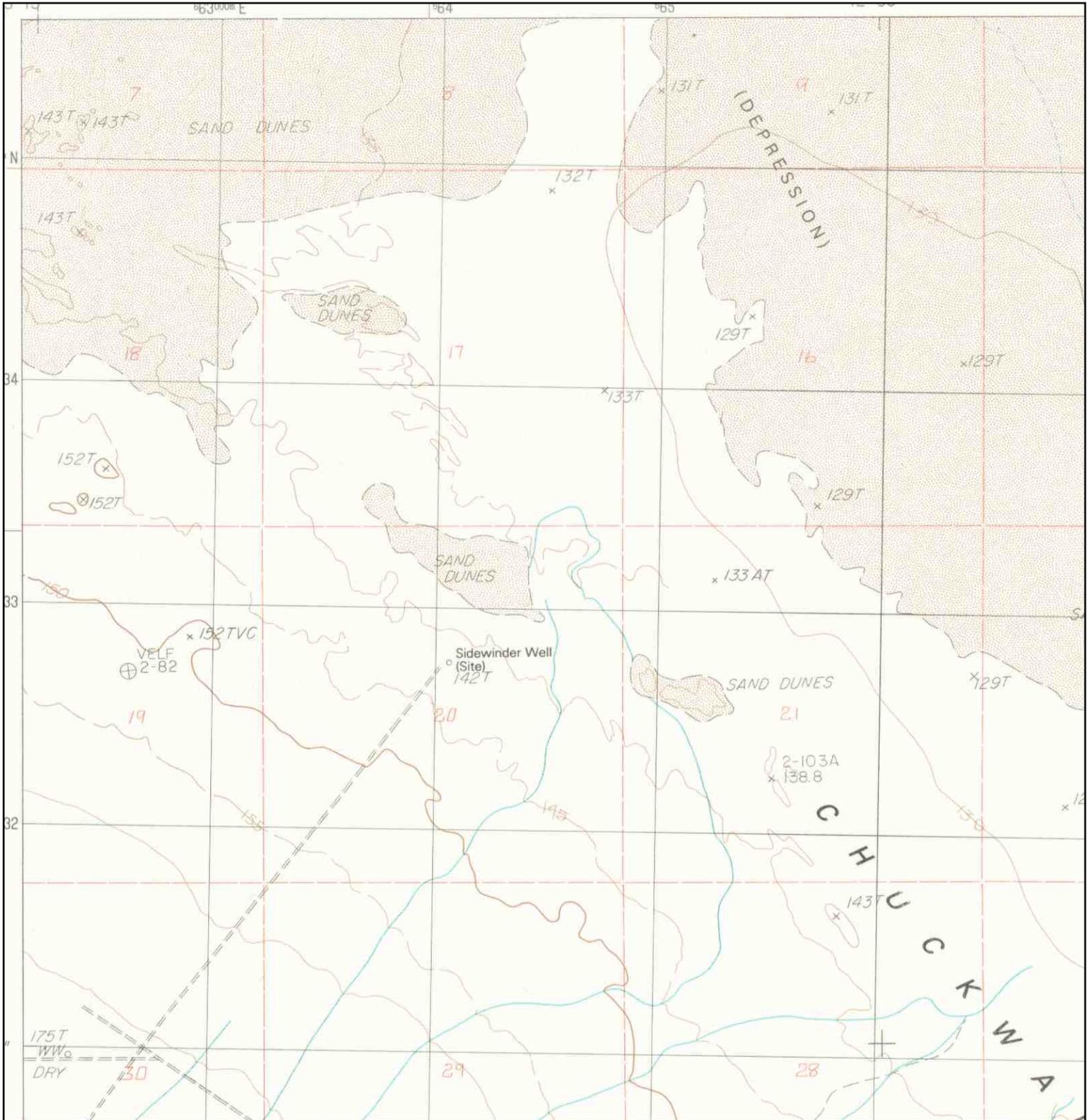
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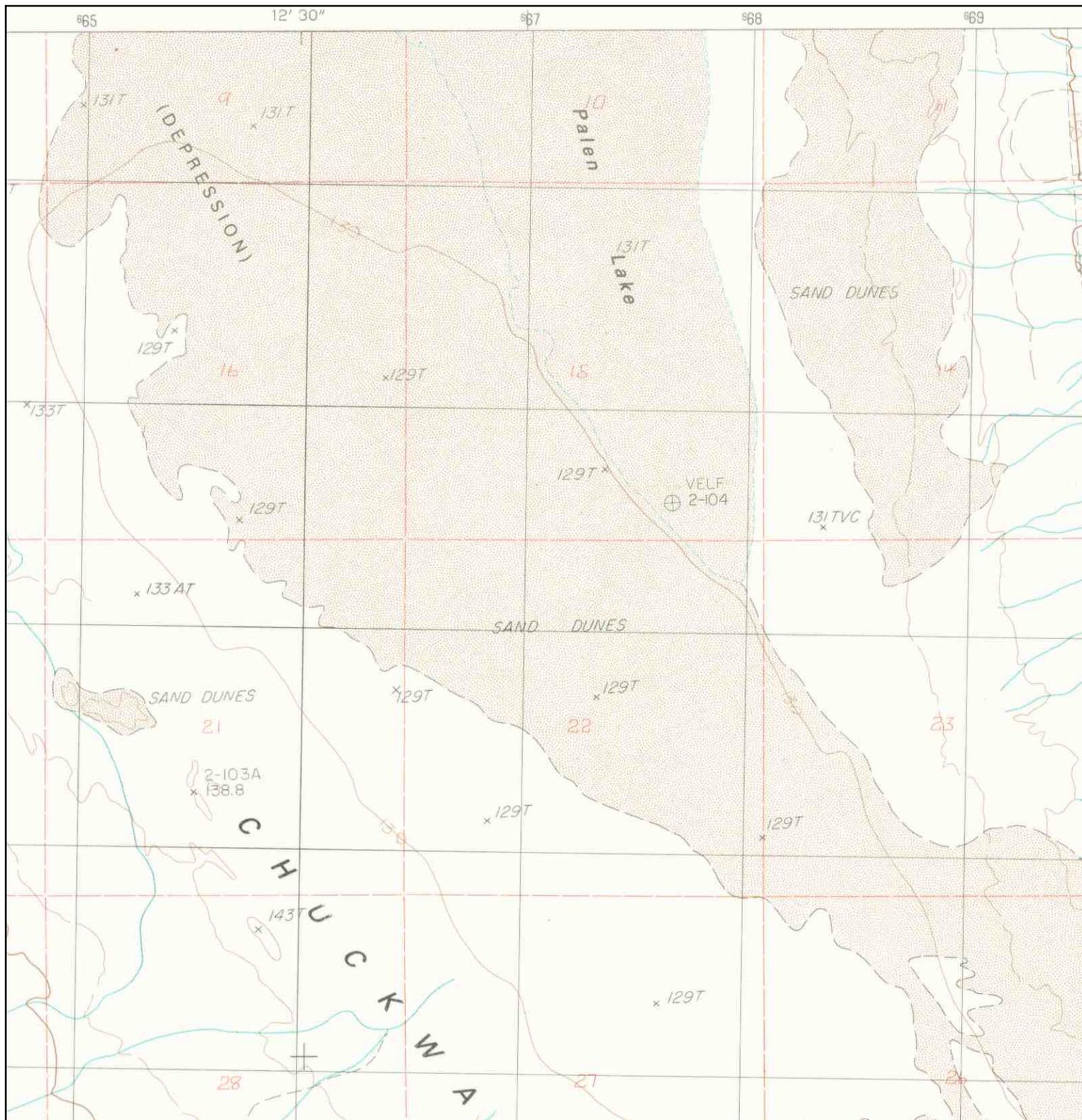
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Historical Topographic Map



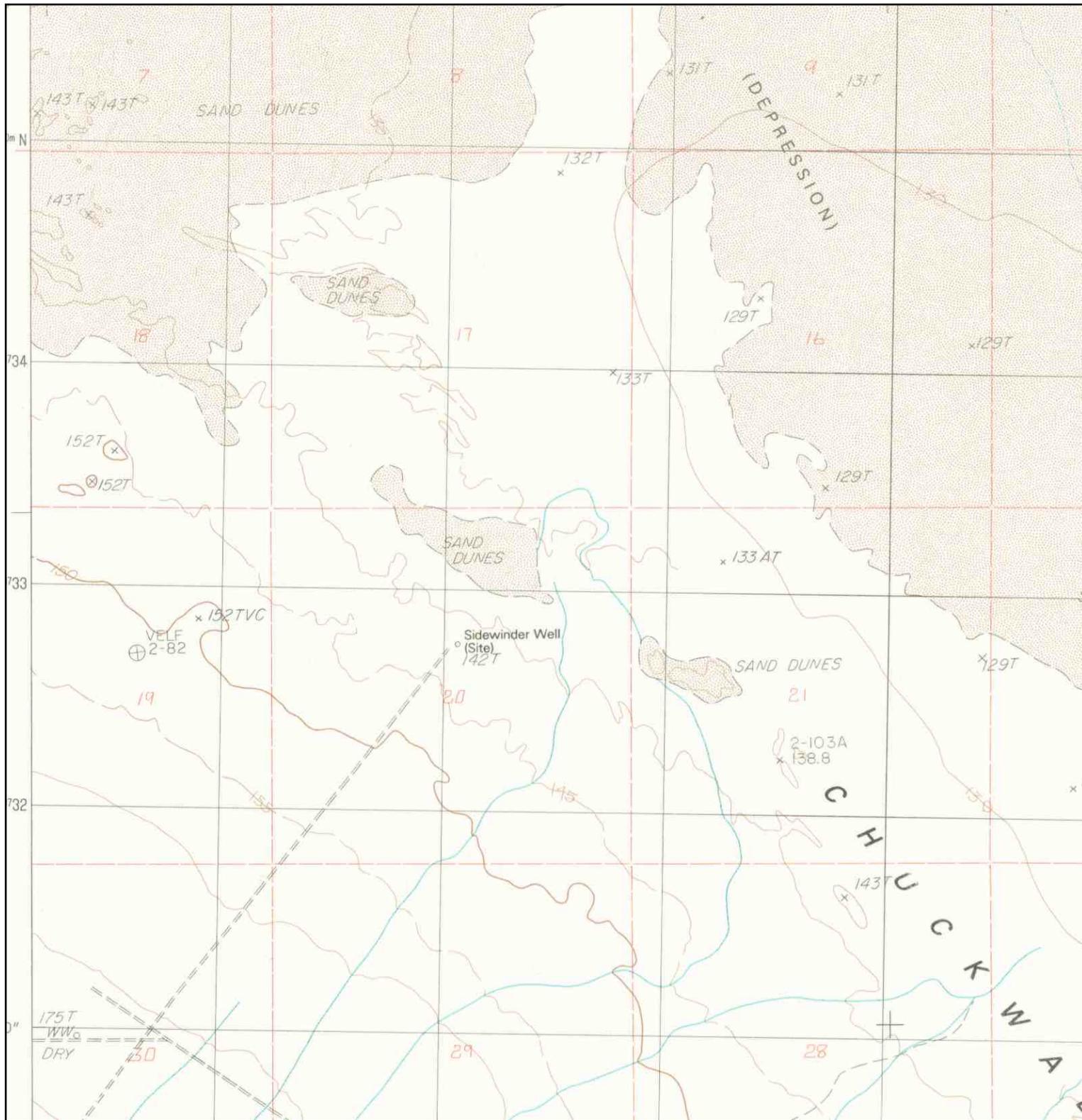
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Historical Topographic Map



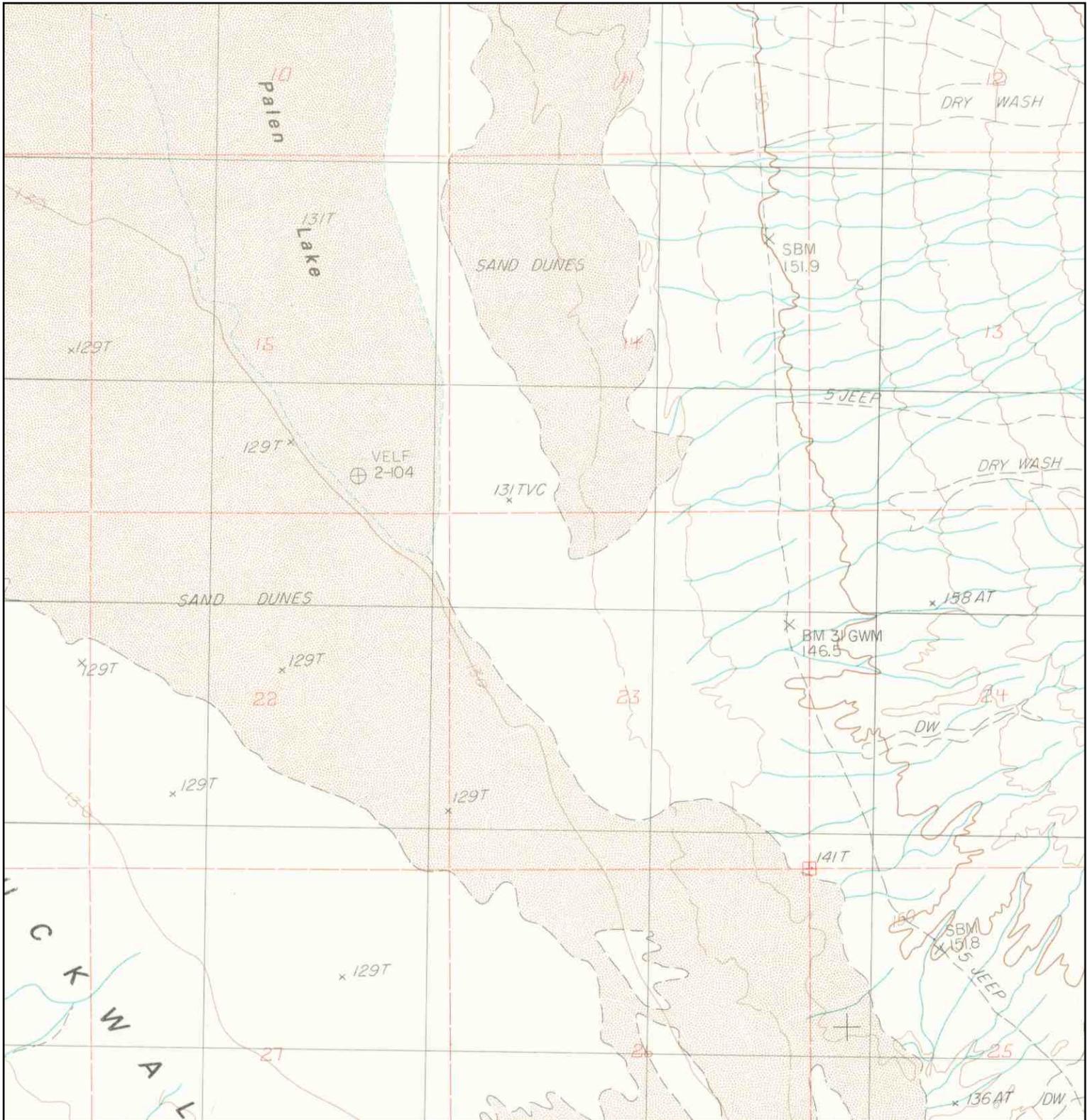
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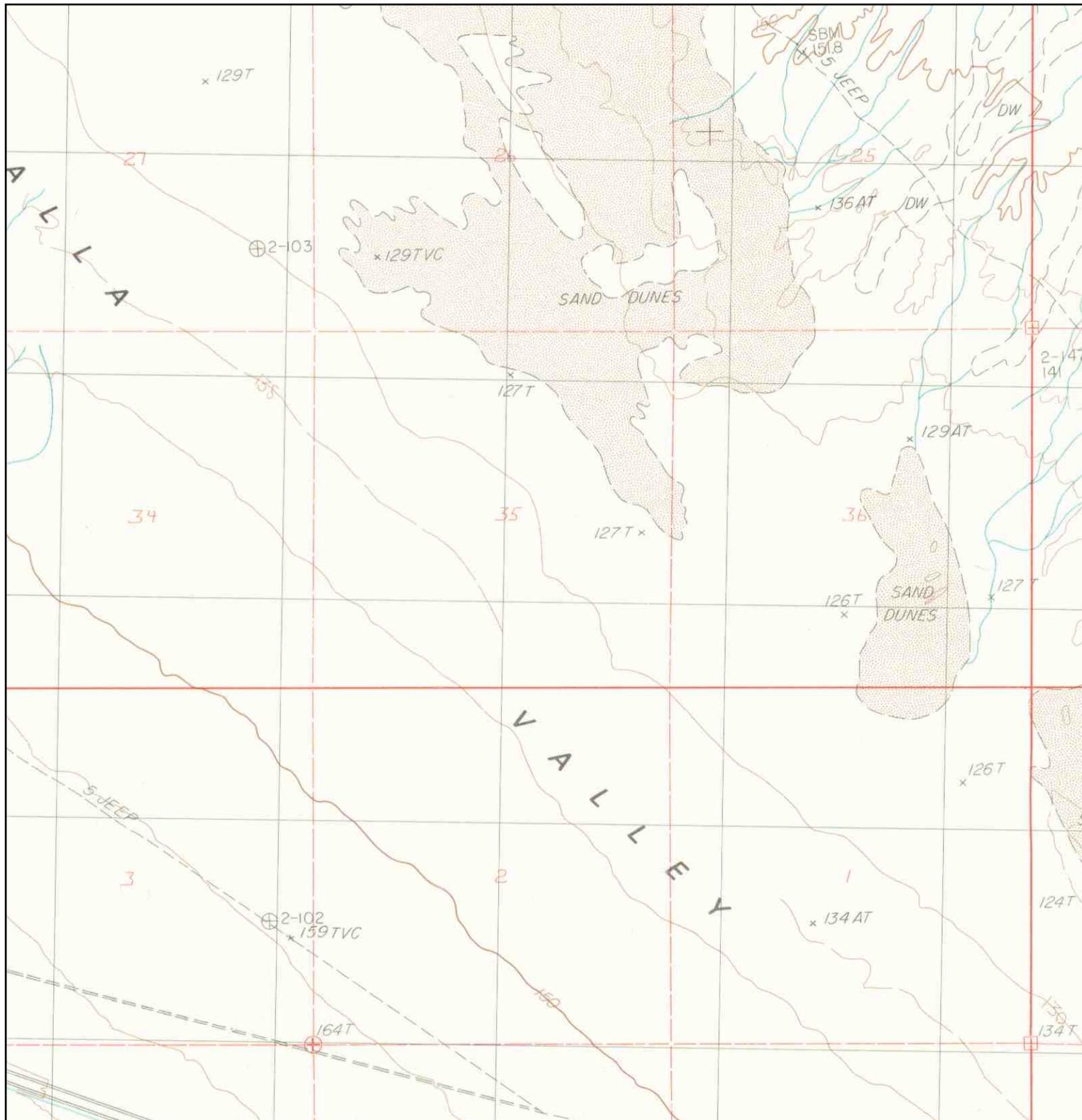
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Historical Topographic Map



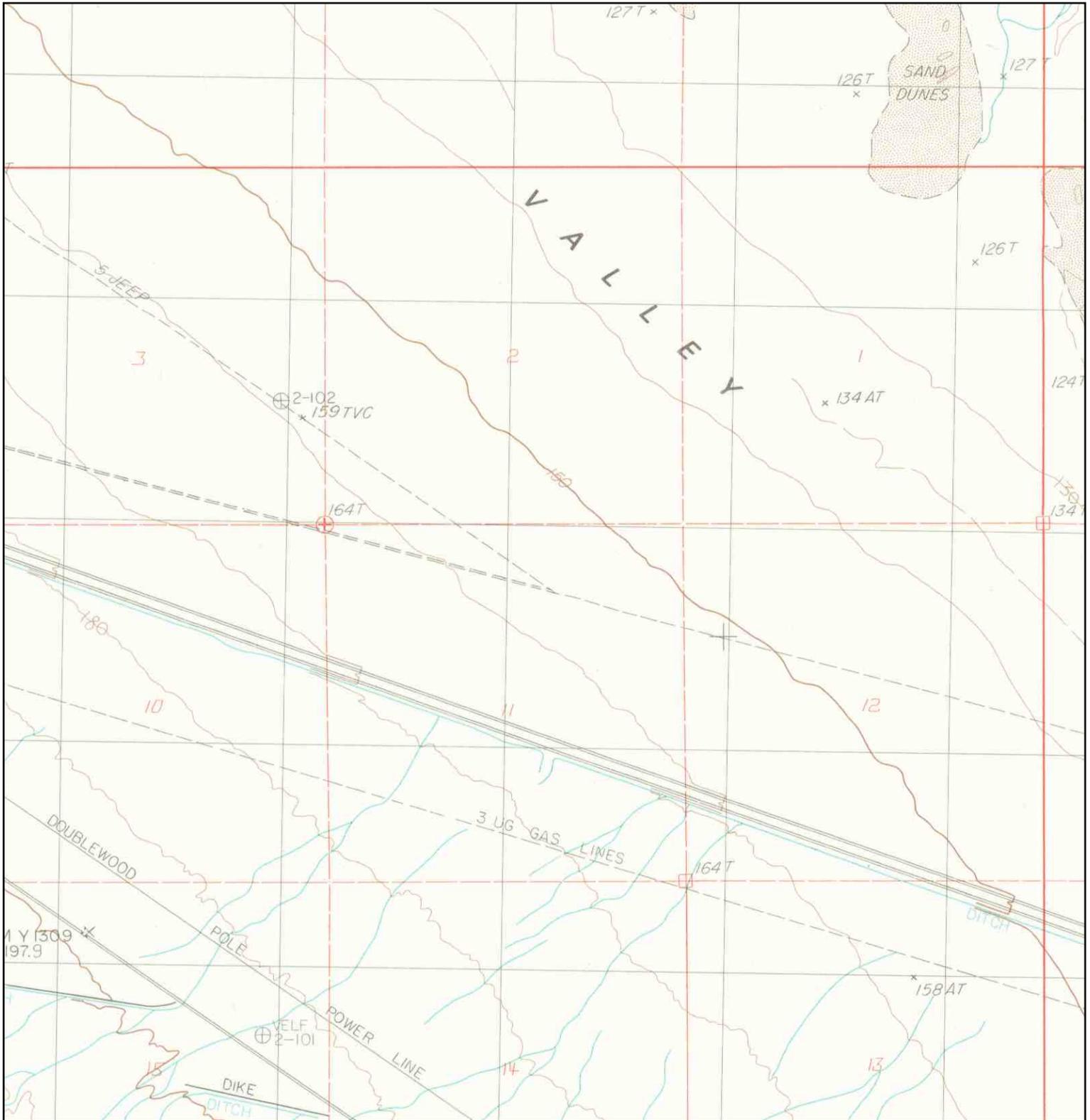
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Historical Topographic Map



	TARGET QUAD NAME: SIDEWINDER WELL MAP YEAR: 1986	SITE NAME: Palen ADDRESS: Palen Desert Center, CA 92239 LAT/LONG: /	CLIENT: ENSR Consulting & Engineering CONTACT: Stefanie Smith INQUIRY#: 2414958.6 RESEARCH DATE: 02/10/2009
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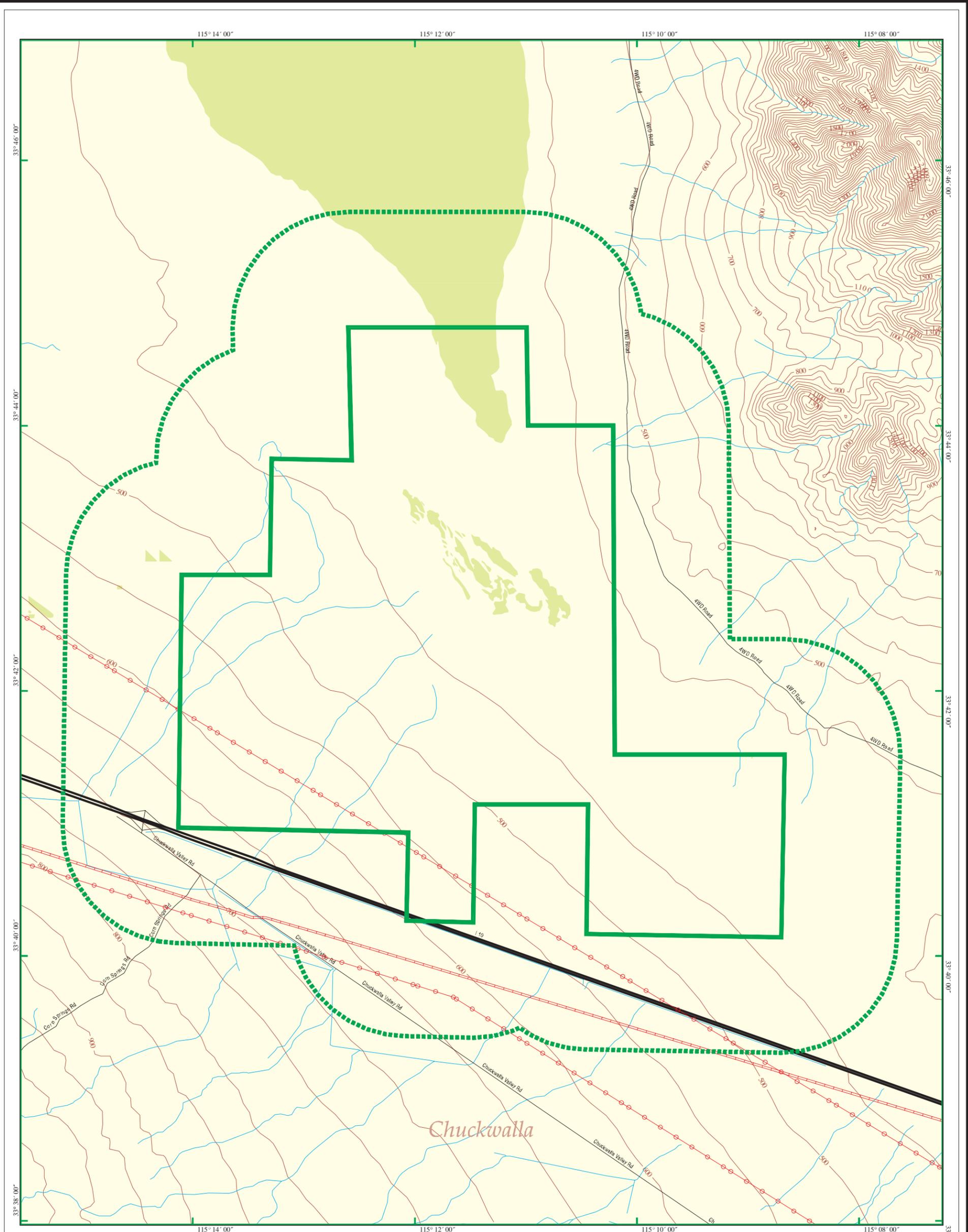
Historical Topographic Map



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Attachment C

Database Report



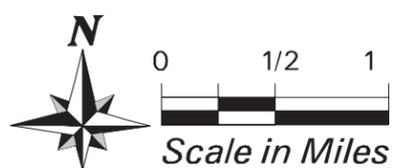
EDR DataMap® - Area Study

Palen



Desert Center, CA

- | | | | |
|--|---------------|-------------|----------------------------|
| Listed Sites | Major Roads | Pipelines | Superfund Sites |
| Earthquake Epicenters (Richter 5 or greater) | Waterways | Powerlines | Federal DOD Sites |
| Search Boundary | Railroads | Fault Lines | Indian Reservations BIA |
| Roads | Contour Lines | Water | National Wetland Inventory |



Palen

Desert Center, CA 92239

Inquiry Number: 02414958.7r

February 06, 2009

EDR DataMap™ Area Study

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

DESERT CENTER, CA 92239
DESERT CENTER, CA 92239

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems

EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing

STATE AND LOCAL RECORDS

HIST Cal-Sites.....	Historical Calsites Database
CA BOND EXP. PLAN.....	Bond Expenditure Plan
SCH.....	School Property Evaluation Program
Toxic Pits.....	Toxic Pits Cleanup Act Sites
SWF/LF.....	Solid Waste Information System
WMUDS/SWAT.....	Waste Management Unit Database
CA WDS.....	Waste Discharge System
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
LIENS.....	Environmental Liens Listing
SWEEPS UST.....	SWEEPS UST Listing
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
AST.....	Aboveground Petroleum Storage Tank Facilities
Notify 65.....	Proposition 65 Records
DEED.....	Deed Restriction Listing
VCP.....	Voluntary Cleanup Program Properties
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
CDL.....	Clandestine Drug Labs
RESPONSE.....	State Response Sites
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
ENVIROSTOR.....	EnviroStor Database
HAULERS.....	Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV.....	Indian Reservations
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

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

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	0
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	0
RCRA-SQG	0
RCRA-CESQG	0
RCRA-NonGen	0
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
DEBRIS REGION 9	0
ODI	0
MINES	0
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	0
RAATS	0
SCRD DRYCLEANERS	0
<u>STATE AND LOCAL RECORDS</u>	
HIST Cal-Sites	0
CA BOND EXP. PLAN	0
SCH	0
Toxic Pits	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
SWF/LF	0
WMUDS/SWAT	0
CA WDS	0
Cortese	0
SWRCY	0
LUST	0
CA FID UST	0
SLIC	0
UST	0
HIST UST	0
LIENS	0
SWEEPS UST	0
CHMIRS	0
LDS	0
MCS	0
AST	0
Notify 65	0
DEED	0
VCP	0
DRYCLEANERS	0
WIP	0
CDL	0
RESPONSE	0
HAZNET	0
EMI	0
ENVIROSTOR	0
HAULERS	0
<u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
<u>EDR PROPRIETARY RECORDS</u>	
Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DESERT CENTER	S104816282	CALTRANS DESERT CENTER	129476 HIGHWAY 60	92239	LUST
DESERT CENTER	S106929753	MWD/EAGLE MOUNTAIN PUMPING PLT	DESERT CENTER	92239	SWEEPS UST
DESERT CENTER	S106929754	MWD/JULIAN HINDS PUMPING PLANT	DESERT CENTER	92239	SWEEPS UST
DESERT CENTER	S105481908	DESE T CENTE AI PO T (09CA034100)	DESERT CENTER	92239	LUST, ENVIROSTOR, HIST Cal-Sites, MCS
DESERT CENTER	U001615083	DESERT CENTER	129476 US HWY 60	92239	HIST UST
DESERT CENTER	1000192462	METROPOLITAN WATER DISTRICT OF SOUTHERN	INTERSECTION OF INTERSTATE 10 AND HAYFIELD RD	92239	RCRA-SQG, FINDS
DESERT CENTER	1000111574	EAGLE MOUNTAIN PUMPING PLANT	10 MI N OF DESERT CENTER 4 S	92239	RCRA-SQG, FINDS
DESERT CENTER	U001573854	EAGLE MOUNTAIN PUMPING PLANT	NEAR DESERT CENTER	92239	HIST UST
DESERT CENTER	U001573856	JULIAN HINDS PUMPING PLANT	NEAR DESERT CENTER	92239	HIST UST
DESERT CENTER	1003879899	KAISER EAGLE MOUNTAIN	N OF HWY 10 8M OFF KAISER RD.	92239	CERC-NFRAP

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: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 01/26/2009
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 01/26/2009
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/27/2009
	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: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 01/26/2009
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/07/2008	Source: EPA
Date Data Arrived at EDR: 10/16/2008	Telephone: 703-412-9810
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 01/30/2009
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 01/26/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/16/2009
	Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/19/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/29/2008	Telephone: 202-564-6023
Date Made Active in Reports: 09/09/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 11	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008	Source: EPA
Date Data Arrived at EDR: 09/19/2008	Telephone: 800-424-9346
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 12/01/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/02/2009
	Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/06/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/17/2008	Telephone: 703-603-0695
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/30/2009
	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: 10/06/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/17/2008	Telephone: 703-603-0695
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/30/2009
Number of Days to Update: 54	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/30/2008	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/16/2008	Telephone: 202-366-4555
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 01/30/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 11/26/2008
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 53

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/31/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/16/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/2008
Date Data Arrived at EDR: 10/22/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
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: 10/21/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 55

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
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: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 12/04/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/02/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/03/2008
Date Data Arrived at EDR: 10/15/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 35

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/28/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/30/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/30/2008	Source: EPA
Date Data Arrived at EDR: 10/31/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 12/09/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 03/09/2009
	Data Release Frequency: Biennially

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/08/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2008	Telephone: 615-532-8599
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 12/08/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/09/2009
	Data Release Frequency: Varies

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 11/24/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 11/25/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 12/01/2008
Date Data Arrived at EDR: 12/09/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
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.

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

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 01/08/2009
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 19

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/08/2009
Next Scheduled EDR Contact: 04/06/2009
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. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/06/2009
Date Data Arrived at EDR: 01/08/2009
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 19

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/08/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 02/02/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/04/2009
	Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

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

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

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 01/06/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/08/2009	Telephone: 866-480-1028
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 01/08/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 11/17/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/17/2008
	Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 01/05/2009
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Quarterly

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 11/10/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/09/2009
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Varies

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/06/2009
Date Data Arrived at EDR: 01/08/2009
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 01/08/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/29/2008
Date Data Arrived at EDR: 12/29/2008
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 32

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Varies

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

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/06/2008
Date Data Arrived at EDR: 11/07/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 19

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/02/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: Varies

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 05/09/2008
Date Made Active in Reports: 06/20/2008
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 01/06/2009
Date Data Arrived at EDR: 01/08/2009
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 19

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/08/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007
Date Data Arrived at EDR: 11/27/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 01/06/2009
Date Data Arrived at EDR: 01/08/2009
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 19

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/08/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/30/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 12/30/2008	Telephone: 916-323-3400
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 12/30/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/30/2009
	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: 11/25/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/26/2008	Telephone: 916-323-3400
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 11/26/2008
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/23/2008	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/24/2008	Telephone: 916-327-4498
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 01/30/2009
Number of Days to Update: 5	Next Scheduled EDR Contact: 03/30/2009
	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: 10/31/2008	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 11/03/2008	Telephone: 213-576-6726
Date Made Active in Reports: 11/26/2008	Last EDR Contact: 01/23/2009
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 09/30/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/06/2008	Telephone: 916-255-6504
Date Made Active in Reports: 10/13/2008	Last EDR Contact: 02/02/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/25/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/26/2008	Telephone: 916-323-3400
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 11/26/2008
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2006	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2007	Telephone: 916-255-1136
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 02/03/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/04/2008
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2006	Source: California Air Resources Board
Date Data Arrived at EDR: 10/16/2008	Telephone: 916-322-2990
Date Made Active in Reports: 11/26/2008	Last EDR Contact: 01/16/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/25/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/26/2008	Telephone: 916-323-3400
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 11/26/2008
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 12/22/2008	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 12/22/2008	Telephone: 916-341-6422
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 12/22/2008
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/09/2009
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/06/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 19

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/03/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 20

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2008	Source: EPA Region 10
Date Data Arrived at EDR: 11/19/2008	Telephone: 206-553-2857
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/25/2008	Source: EPA Region 6
Date Data Arrived at EDR: 11/26/2008	Telephone: 214-665-6597
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 03/12/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/06/2008	Source: EPA Region 4
Date Data Arrived at EDR: 10/09/2008	Telephone: 404-562-9424
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/25/2008	Source: EPA Region 6
Date Data Arrived at EDR: 11/26/2008	Telephone: 214-665-7591
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/19/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 12/01/2008	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2008	Telephone: 303-312-6137
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 19	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/05/2008	Source: EPA Region 9
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-972-3368
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/18/2008	Source: EPA Region 10
Date Data Arrived at EDR: 11/19/2008	Telephone: 206-553-2857
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 01/19/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 01/19/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 10/28/2008
Date Data Arrived at EDR: 10/30/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/28/2008
Date Data Arrived at EDR: 10/30/2008
Date Made Active in Reports: 12/05/2008
Number of Days to Update: 36

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
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: 11/24/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 63

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/14/2009
Date Data Arrived at EDR: 01/15/2009
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 12

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 02/02/2009
Next Scheduled EDR Contact: 05/04/2009
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/06/2009
Date Data Arrived at EDR: 01/07/2009
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 23

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/02/2009
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: 02/02/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 40

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 11/10/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 63

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 11/13/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2008
Date Data Arrived at EDR: 03/20/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 25

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Varies

Site Mitigation List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/2008
Date Data Arrived at EDR: 04/10/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 26

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 10

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 12/11/2008
Date Data Arrived at EDR: 12/11/2008
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 50

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 12/11/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/04/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/15/2008
Number of Days to Update: 17

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/16/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 42

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/23/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/02/2008
Date Data Arrived at EDR: 12/23/2008
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 17

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/06/2008
Date Data Arrived at EDR: 11/17/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 9

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 11/12/2008	Source: Health Services Agency
Date Data Arrived at EDR: 11/25/2008	Telephone: 951-358-5055
Date Made Active in Reports: 12/05/2008	Last EDR Contact: 01/26/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 09/08/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 12/02/2008	Telephone: 916-875-8406
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 01/30/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 09/08/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/29/2008	Telephone: 916-875-8406
Date Made Active in Reports: 11/26/2008	Last EDR Contact: 01/30/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/27/2009
	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: 01/07/2009	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 01/09/2009	Telephone: 909-387-3041
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 12/01/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/02/2009
	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: 07/16/2008	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 10/29/2008	Telephone: 619-338-2268
Date Made Active in Reports: 11/26/2008	Last EDR Contact: 12/31/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2008
Date Data Arrived at EDR: 12/23/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/02/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 11/05/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 28

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/30/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/01/2008
Number of Days to Update: 12

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
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: 11/07/2008
Date Data Arrived at EDR: 12/03/2008
Date Made Active in Reports: 01/30/2009
Number of Days to Update: 58

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
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: 11/19/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 7

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Fuel Leak List

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

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 01/06/2009
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
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: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 12/29/2008
Date Data Arrived at EDR: 12/29/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 29

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 12/01/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 54

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 09/22/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 7

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/22/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/05/2008
Number of Days to Update: 49

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/20/2009	Source: Department of Health Services
Date Data Arrived at EDR: 01/21/2009	Telephone: 707-565-6565
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 01/19/2009
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/19/2009
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007	Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007	Last EDR Contact: 12/29/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 11/26/2008	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 12/30/2008	Telephone: 805-654-2813
Date Made Active in Reports: 01/27/2009	Last EDR Contact: 12/10/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/09/2009
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 09/04/2008	Telephone: 805-654-2813
Date Made Active in Reports: 09/18/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 12/09/2008
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/09/2009
	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: 12/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 01/08/2009	Telephone: 805-654-2813
Date Made Active in Reports: 01/30/2009	Last EDR Contact: 01/08/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 11/13/2008	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/03/2008	Telephone: 530-666-8646
Date Made Active in Reports: 01/30/2009	Last EDR Contact: 01/12/2009
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 12/11/2008
Number of Days to Update: 66	Next Scheduled EDR Contact: 03/09/2009
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/04/2007	Telephone: N/A
Date Made Active in Reports: 12/31/2007	Last EDR Contact: 02/03/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/04/2009
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 10/21/2008	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/26/2008	Telephone: 518-402-8651
Date Made Active in Reports: 12/11/2008	Last EDR Contact: 11/26/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/11/2008	Telephone: N/A
Date Made Active in Reports: 10/02/2008	Last EDR Contact: 12/08/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/09/2009
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/07/2008	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/10/2008	Telephone: 401-222-2797
Date Made Active in Reports: 10/28/2008	Last EDR Contact: 12/15/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/16/2009
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007

Date Data Arrived at EDR: 08/22/2008

Date Made Active in Reports: 09/08/2008

Number of Days to Update: 17

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 01/05/2009

Next Scheduled EDR Contact: 04/06/2009

Data Release Frequency: Annually

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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Attachment D

Qualifications of Environmental Professionals

Kirsten G. Bradford

Project Specialist

Years Experience: 6

Technical Specialties

- Environmental Site Assessments/Due Diligence
- Project Management
- Environmental Compliance
- Oil Spill Control and Countermeasure Planning
- Storm Water Pollution Prevention Planning and Permitting
- Hazardous Material and RCRA Contingency Planning
- Field Sampling

Professional History

- AECOM Environment
- Lee & Pierce, Inc.
- Environmental Investigation Services, Inc.
- QTL Biosystems, LLC
- New Mexico Department of Health, Scientific Laboratory Division
- New Mexico Institute of Mining and Technology Atmospheric & Environmental Chemistry Research Lab
- New Mexico Bureau of Mining & Mineral Resources, Chemistry Division

Education

- BS (Chemistry) New Mexico Institute of Mining & Technology (New Mexico Tech)

Training

- 40-hour OSHA HAZWOPER Training
- Refresher &/or Initial General Site Worker Training Requirements
- Standard First Aid
- CPR - Adult
- Bloodborne Pathogens Training
- Hydrogen Sulfide Awareness Training For Exposure In Oil & Gas Prod. Fields & Industrial Facilities
- Environmental Due Diligence
- Effective Scientific and Technical Writing
- Environmental Auditor Training
- 9th Annual California Certified Unified Program Agency (Cal-CUPA) Training
- PARCEL eLearning Course
- Loss Prevention System Training

Representative Project Experience

Compliance

Phase I Environmental Site & Limited Compliance Assessment, Orange County, California. Conducted assessment of a research and development (R&D) company that designs therapeutic health devices. On-site operations included laboratory and machine shop activities.

Limited compliance applied included Hazardous Materials Business Planning and Inventorying principles to comply with California legislation to meet the requirements of Sections 311 and 312 of the Emergency Planning and Community Right-to-Know Act (EPCRA) (SARA Title III); and wastewater discharge permitting principles to comply with local industrial waste program.

Limited Compliance Assessment and Desktop Review, Ventura County, California. Conducted a limited compliance assessment of two apartment home complexes. On-site improvements and activities were related to office buildings, hydraulic-powered elevators, pool and spa systems, maintenance shops, and storage areas.

Visual inspections of the on-site operations, reviews of facility files and records, reviews of federal and state governmental incident databases and files, and interviews with property personnel and governmental officials to evaluate the relative degree of compliance of on-site operations with key federal and state environmental regulations as they relate to hazardous waste; solid waste and asbestos-containing materials; conventional and toxic air emissions; underground and above ground storage tanks; wastewater discharges including storm water; and PCB management.

Phase I Environmental Site & Limited Compliance Assessment, Santa Barbara County, California. Conducted a Phase I ESA and compliance assessment of two corporate office buildings. On-site activities included corporate office, warehouse, and research and development operations. Specific components assessed included, hazardous materials and wastes handling, storm water, spill prevention, Emergency Planning and Community Right-to-Know (EPCRA), and health and safety programs.

Phase I Environmental Site & Compliance Assessment, Los Angeles County, California. Completed a Phase I ESA and compliance assessment of a shopping mall. Facilities assessed included representative retail businesses, food court eateries and on-site restaurants, and maintenance areas for areas including hazardous materials and waste handling, sanitary and storm water waste streams, and EPCRA reporting.

Phase I Environmental Site Assessment & Compliance Evaluation, Maricopa County, Arizona. Conducted a Phase I ESA of two industrial facilities located in Maricopa County, Arizona that clean and coat parts in support of semiconductor equipment and considered compliance with laws and permits with respect to the following issues as a minimum: Aqueous abstractions and discharges; Atmospheric emissions; Solid and hazardous waste management; Above and below ground tank management; Nuisance; Asbestos; Poly Chlorinated Biphenyls (PCBs). Information provided by the sites was further studied and correlated with existing information to determine findings and to prepare a Phase I ESA report.

Emergency Hazardous Material Spill Response***Hazardous Materials Business Response Plan, Victorville County, California.***

Assessed on-site hazardous chemical storage and operations and prepared completed agency plan forms for a dry dog food manufacturing plant. On-site hazardous materials and wastes inventoried included lubricating oils, insecticide mixture oil concentrate, diesel fuel, product ingredients containing oil, bulk storage of vegetable oil, and bulk storage of poultry fat.

Environmental Site Assessments

Phase I Environmental Site Assessment, Maricopa County, Arizona. Assessment was conducted of warehouse, repair, and maintenance facilities for heavy-duty trucks and truck parts. Historical setting included on-site fueling operations and remedial action closure activities.

Environmental Support with File Review, San Diego County, California.

Conducted site assessment and file review to establish historical on-site remedial action activities including groundwater monitoring, and current site case status with local regulatory agency. Made recommendations for activities directed toward achieving site case closure, and in complying with State of California Geotracker database requirements.

Phase I Environmental Site Assessment, Maricopa County, Arizona. Conducted assessment of a multi-story corporate office building. On-site improvements assessed included hydraulic-powered elevators, stormwater retention areas and on-site dry wells, a fuel-powered generator, storage areas, and a rooftop cooling plant. Focused assessment was conducted into observing each on-site tenant space. Assessment activities included American Society Testing Materials (ASTM) 1527 additional scope issues including visual observation for evidences of suspect asbestos-containing materials and of water intrusion and mold growth. Additionally, on-site improvements were investigated by conducting file reviews and interviews with government and regulatory agencies.

Phase I Environmental Site Assessment, Clackamas & Washington Counties, Oregon.

Conducted an assessment of warehouse distribution and office facilities. On-site retail warehousing activities included an on-site truck wash, a trailer maintenance shop, a fueling island; and fuel-powered generators, hydraulic-powered lifts, and storage areas including for lead-acid (wet-type) batteries to power forklifts.

Timberlands Environmental Site Assessment, Alabama. Conducted assessment of 215,000 acres of timberland in accordance with American Society for Testing and Materials Standard (ASTM) Practice E 2247-02. Used GIS tracking to record routes and mark specific areas of potential environmental concern including log yards and camps, fuel use and storage, pesticide and herbicide use, burning practices, logging roads, sand and gravel pits, hunting camps and leases, and landfills.

Phase I Environmental Site Assessment, Los Angeles County, California.

Conducted assessment of an office/warehouse facility including an ancillary former hazardous materials storage building and truck loading docks. Assessment included review of local government records to identify historical improvements and uses.

Phase I Environmental Site Assessment, San Diego County, California.

Conducted assessment of agricultural property including historical fuel storage areas.

Phase I Environmental Site Assessments, Santa Barbara County, California.

Conducted assessment of tenant spaces located in three office buildings in the City of Santa Barbara. Presented findings on detailed predetermined form format provided by the user/client. Research included a detailed review of building department permit site record history.

Phase I Environmental Site Assessment & File Reviews, San Diego County, California.

Conducted assessment of two vacant parcels previously developed. Performed 1,500 page file review of site and adjoining sites based on their historically uses as former gasoline service stations, each with historical unauthorized releases affecting groundwater. Analyzed historical soil sampling, remediation activities, and groundwater monitoring data to identify potential environmental impacts to the site from historical uses associated with on-site contamination sources or from off-site contamination sources.

Phase I Environmental Site Assessment, Kern County, California. Conducted assessment of an equipment and maintenance yard including an outdoor storage area for portable equipment used for petroleum dewatering applications, and including two shop buildings in support of metal fabrication and welding of heavy portable equipment, and oil research and development (R&D) laboratory activities.

Phase I Environmental Site Assessment of Agricultural Orchards, Kern County, California. Assisted in completing a company-wide environmental due diligence portfolio as a report author of five orchard (e.g. almond, walnut) sites located in Southern California by using an online database Phase I ESA report collection and preparation tool, PARCEL.

Phase I Environmental Site Assessment Portfolio, Los Angeles County, California. Was the lead assessor in a series of seven Phase I ESAs within the Phase I ESA portfolio which included assessment of non-scope ASTM 1527 items, including methane gas.

Phase I Environmental Site Assessments, Florida and South Carolina. Assisted in completing a company-wide environmental due diligence portfolio as a report author of multiple sites located in Florida and South Carolina by using an online database Phase I ESA report collection and preparation tool, PARCEL.

Phase I Environmental Site Assessment, Salt Lake County, Utah and Sweetwater County, Wyoming. Conducted a Phase I ESA of two planned plant location sites. In conducting the Phase I ESA, ENSR assessed the sites for visible signs of possible contamination, researched public records for the sites, and conducted interviews with representatives of regulatory agencies, the client, and those people deemed knowledgeable of the sites. ENSR successfully observed the sites during extreme weather conditions including snow cover and freezing temperatures.

Phase I Environmental Site Assessments, Harris and Brazoria Counties, Texas.

Conducted two Phase I ESAs of warehouse properties in conformance to the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (E 1527-05), which meets the requirements of 40

CFR Part 312 and is intended to constitute all appropriate inquiry for purposes of the landowner liability protections (LLPs).

Phase I Environmental Site Assessment, San Luis Obispo County, California.

Conducted a Phase I Environmental Site Assessment (ESA) of a site that was first developed in with a garage/service station and residences. The ESA required the organization and review of a significant amount of environmental information. Site operations included former aboveground storage tanks (ASTs), associated product piping, and product dispensers, including an abandoned petroleum pipeline. The subject property was also used for outdoor vehicle storage and related activities. At the time of the ESA, the site was also undergoing pollution characterization under the lead regulatory agency oversight of the Regional Water Quality Control Board (RWQCB).

Environmental Closeout Survey (ECS), Santa Barbara County, California. Two air force base facilities located at Vandenberg Air Force Base (AFB) were assessed as part of the Environmental Closeout Survey (ECS) in accordance with United States Air Force Instruction (AFI) #32-7066, "Environmental Baseline Surveys in Real Estate Transactions," dated April 25, 1994, and the American Society for Testing and Materials (ASTM) standard E1527-97, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." The ECS was conducted in anticipation of terminating License agreements. ECS considerations included floodplain, vegetation, ecological characterization, wetlands, and cultural resources, aboveground and underground storage tanks, pipelines; hydrant fueling; and transfer systems, oil/water separators, pesticides, medical or biohazardous waste, radioactive wastes, wastewater treatment; collection; and discharge, drinking water quality, asbestos, polychlorinated biphenyls (PCBs), radon, and lead-based paint, including applicable regulatory compliance issues.

Phase I Environmental Site Assessment, Orange County, California. Conducted a Phase I Environmental Site Assessment (ESA) of a site consisting of four multi-story office buildings, five single-story light industrial office/warehouse buildings, two single-story retail strip-malls, and one multi-level aboveground parking structure. Operations at the subject property included clerical/administrative; one urgent care clinic, one repairer of medical equipment, one small-scale printing and shipping/copying business, one dentist office, one optometry office, one salon and spa and retail/restaurant-type businesses. A former dry cleaner facility was identified adjacent to the subject property with impacts to soil and groundwater with chlorinated solvents at concentrations that exceed the State of California regulatory cleanup objectives. And, a former on-site gasoline station was also identified during the course of the ESA.

Phase I Environmental Site Assessment, San Diego County, California. Phase I Environmental Site Assessments (ESAs) were conducted of two sites as part of a portfolio. The ESAs were conducted in accordance with American Society of Testing and Materials (ASTM) standard E 1527-05, and included an evaluation of non-standard ASTM components: asbestos, wetlands, water infiltration and potential mold-like growth, lead in drinking water, radon, high voltage power lines, underground pipelines and National Pollution Discharge Elimination System (NPDES) wastewater permits with respect to the Properties. At one of the sites assessed, one adjacent site was identified during the ESA to present a recognized environmental condition (REC);

Carl Eric Lindner

Program Manager, P16

Years Experience: 18

Professional History

- AECOM Environment - Camarillo
- Engineering Management Concepts (EMC), Inc
- IVI Environmental, Inc.

Education

- M.S. (Environmental & Occupational Health) New York Medical College
- B.A. (Environmental Science) State University of New York (S.U.N.Y.), College at Purchase

Professional Registrations and Affiliations

- AHERA Building Inspector
- AHERA Management Planner
- Association of Environmental Professionals (AEP), California
- 40 Hour HAZWOPER
- CPR/First Aid Certified

Representative Experience:

Application for Certification (AFC)

Project manager for the preparation of an AFC for the permitting and construction of four 250MW solar thermal facilities in southern California. The tasking involved collecting and compiling data from the project proponent, the subcontractors, and in house staff in order to facilitate the surveys, analyses and modeling required in an AFC. Tracking outstanding data items and organizing data for the individual section authors and tracking budgets and schedules.

Plan of Development (POD)

Preparing the environmental sections of a POD for a confidential client proposing to site and construct a 500MW photovoltaic (PV) electric generation facility to be located on Bureau of Land Management (BLM) land in Riverside County, southern California. Tasking includes identifying Federal, state and local permitting entities and developing a permitting matrix to demonstrate the permitting process for the further project development. Managing technical staff and subcontractors as they complete research of special status species, cultural and historic resources, and special land use designations in the proposed project area.

Phase I Environmental Site Assessments (ESA)

Supervised the preparation and development of Phase I ESAs for a confidential client for sites in Los Angeles, Kern, San Bernardino, and Riverside counties in southern California. The Phase I ESAs were conducted in accordance with current ASTM standards and comply with the All Appropriate Inquiry (AAI) requirements. The sites are being proposed for PV generation facility development in support of the state mandated development of renewable energy sources.

Critical Issues Analysis (CIA)

Directed the research and analysis of CIAs for a confidential client for two large solar thermal facilities in AZ. The sites were proposed on BLM land in La Paz, Yuma, and Maricopa Counties. Typical National Environmental Policy Act (NEPA) requirements were addressed to facilitate the further development of these facilities. Particular emphasis was placed on evaluating the sites for fatal flaws, if any, that would prevent construction. Communication with the client and the prospective regulatory agencies was paramount to this process. A permitting plan was developed for the client to identify the prospective agencies that would require permits, approvals, and consultation and to provide information as to process and schedule for the permitting of these facilities.

POD Development

Completed the environmental portions of a POD for a confidential client proposing to site and construct a 500MW photovoltaic (PV) electric generation facility to be located on BLM land in Imperial County, southern California. Tasking included identifying Federal, state and local permitting entities and developing a permitting matrix to demonstrate the permitting process for the further project development. Managed technical staff as they completed research of special status species, cultural and historic resources, and special land use designations in the proposed project area.

CIA Development

Assisted in the development of a customized Annotated Checklist format to apply to potential sites proposed to be developed with commercial photovoltaic facilities. Supervised the preparation of the Soils, Agriculture, Geology & Geological Hazards, Water Resources, Socioeconomics & Environmental Justice, and Air Quality sections and prepared the Hazardous Materials/Wastes section of a Critical Issues Analysis annotated checklist for 31 parcels totaling 8,046 acres being considered for commercial photovoltaic development in the West Mojave area. Edited and provided senior review of the Phase I ESA portion of this task.

AFC Development

Deputy Project Manager for the preparation of an AFC for the permitting and construction of the Palmdale hybrid gas-solar thermal power plant. The tasking involved collecting and compiling data from the project proponent, the subcontractors, and in house staff in order to facilitate the surveys, analyses and modeling required in an AFC. Tracking outstanding data items and organizing data for the individual section authors and writing the Hazardous Materials section for the document. Assisted with proofing draft sections, draft graphics, and data adequacy worksheets. Tracking review status of individual sections and assisting with final document organization in preparation for printing. Responded to data adequacy requests from CEC staff in order to expedite the determination of "Data Adequate" for the proposed facility. The AFC was deemed data adequate and the application continues through the Data Request phase.

Regulatory Permitting Analysis

Conducted research and developed guidance to identify the permits required in order to site and develop a commercial photovoltaic facility in the Clark County, Nevada area. The guidance document identified the likely agencies to be involved in the development process, the permits required, the permitting fees, and the general schedule for processing the individual permit applications.

Environmental Constraints Review

Supervised and conducted the review and evaluation of existing environmental and site development documentation for a potential solar thermal facility to be located in Nye County, Nevada. The documentation provided focused on Biological, Paleontological & Archaeological and Water Resources. The report identified the findings of a critical evaluation of the existing documentation prepared for the proposed facility. The technical review was conducted in order to determine whether the existing documentation effectively balances the physical requirement against the impact that this proposed project will have on the landscape, the community, and the surrounding environment.

CIA Development

Managed the development of the Biological Resources, Soil, Water, Geology & Geological Hazards, and Air Quality sections for the Critical Issues Analysis for permitting a proposed solar site on 160 acres in San Bernardino County. Analysis focused on potential fatal flaws within these issue areas that would negatively impact the feasibility to permit and construct a commercial photovoltaic facility.

Capital Permitting, Southern California, Arizona, Nevada

Supporting capital permitting for large energy companies as they address the complex regulatory requirements for siting and constructing electric generation facilities. The proposed facilities would be constructed in California, Nevada, and Arizona and the majority of these permit applications are for renewable energy. Permitting feasibility is currently being conducted for a large desalination facility. NEPA (where applicable), and specific state and local regulatory requirements are researched and reported to facilitate planning and project scheduling. The specific issues surveyed and analyzed include biological, cultural, paleontological, air, water, noise and visual impacts. Specific project descriptions are reviewed to understand the potential effect of the facility on the surroundings and to facilitate the discussion of alternatives within the context of the overall permitting approach.

Environmental Compliance Support, Naval Base Ventura County (NBVC)

Directed and responsible for the daily management of several distinct teams supporting the Public Works Department at Naval Base Ventura County (NBVC) including Environmental, Engineering, and GIS. Typical contract vehicles utilized to support Navy environmental planning documents for projects in the Southwest region were NAVFAC, NAWC, NAVAIR, SWDIV, GSA, and FedSource.

Tasking included the administration of all aspects of ongoing, multi-million dollar, technical support efforts. The technical management responsibilities included, but were not limited to editing Environmental Compliance and Environmental Protection documentation inclusive of EPCRA, Pollution Prevention, Hazardous Waste Management, Hazardous Waste Minimization, Storm Water Pollution Prevention, and Spill Prevention plans.

Generated NEPA/CEQA Negative Determination documentation for proposed MILCON actions and I have completed Army Corps of Engineers (ACOE) Section 401 and 404 Permits in support of customer planning and RWQCB requirements. Regular tasking also included the oversight of Natural and Cultural Resource and Endangered Species studies on the NBVC Point Mugu, San Nicolas Island and Port Hueneme sites. Additionally, conducted surveys/studies including the annual Least Tern and Western Snowy Plover surveys and the ongoing studies of the state and federally listed Endangered and Threatened Species on NBVC Point Mugu.

Conducted extensive asbestos bulk sampling and surveys in residential, commercial and industrial spaces on the Naval Installations in direct support of the NBVC Environmental Division. Total project area was in excess of 12 million square feet. Prior to the sampling I developed sampling plans and cost estimates. Suspect Asbestos-Containing Material (ACM) was identified and physical condition, imminent hazard and mitigation action was recommended.

Public Works Support, Naval Base Ventura County (NBVC)

Directly responsible for the daily management of several distinct teams supporting the Public Works Department at Naval Base Ventura County (NBVC) including Engineering, Planning, Utilities, and GIS. Responsible for the administration of all aspects of ongoing, multi-million dollar, technical support efforts.

Supported the daily requirements of the Planning department and assisted with the successful development and management of a robust database to support master planning initiatives as well as daily project and space management requirements.

Effectively implemented data management process to incorporate field data into the base GIS. Assisted in the collection and incorporation of infrastructure data from various base tenants. This ensured the accuracy of data supplied to the Navy project managers on a daily basis.

The GIS data management efforts supported the requirements of the NBVC Energy & Utilities Department and provided facility, site, and base maps for base projects. Utility infrastructure (gas, water, electric, and sewer) was continuously updated to ensure accuracy of data.

Phase I Site Assessments/ Phase II Project Management, Various National Banks & Lending Institutions

Primary job responsibilities were to conduct Phase I and Phase II Site Assessments on commercial, industrial, agricultural and residential properties according to ASTM standards. Over 200 Phase I Site Assessments were conducted nationally and completed. Phase II project management responsibilities included obtaining estimates, reviewing bids, coordinating contractors, and ensuring that necessary remediation was completed according to all applicable governmental regulations.

Communicated daily with Federal, state and local environmental regulatory agencies. I reviewed and interpreted historical, geological, hydrological and topographical maps as well as soil surveys and aerial photographs.

Facility audits were conducted on industrial and commercial properties to insure regulatory compliance. Particular emphasis was placed in the areas of hazardous materials and/or wastes, petroleum and chemical contamination. Recommendations for mitigation were offered.

Publications

"Asbestos as a complete carcinogen"
New York Medical College, Valhalla NY, 1998
Dissertation - Graduate School of Health Sciences

"Winter territory size in relation to food supply of the Northern Mockingbird"
State University of New York (S.U.N.Y.), College at Purchase, 1985
Thesis - Environmental Science

Stefanie Caryn Smith

Staff Specialist II

Years Experience: 4

Technical Specialties

- IMPLAN Socio-Economic Modeling
- Phase I Environmental Assessments
- CEQA
- Environmental Impact Assessments

Professional History

- AEI Consultants

Education

- BS (Environmental Studies) University of California, Santa Barbara

Professional Registrations and Affiliations

- Association of Environmental Professionals, California

Representative Project Experience

Capital Permitting

Mobile District, Preparation of NEPA Documents, US. Providing project support for reuse scenarios, document editing, and research for NEPA documentation.

ENSR is providing the large-business support to Marstel-Day, LLC, in preparing NEPA documentation required for BRAC and other military sites nationally under an existing small business IDIQ contract with Mobile District. Currently under preparation are NEPA documents at the following installations:

Kansas Army Ammunition Plant Disposal and Reuse EA, Parsons, KS
Selfridge Army National Guard - Michigan (Seville Manor) Disposal and Reuse EA, Chesterfield Twp, MI
Lone Star/Red River Army Ammunition Plants Disposal and Reuse/Realignment EAs, TX
Fort McPherson/Fort Gillem Disposal and Reuse EAs, GA
Fort Monroe Disposal and Reuse EA, VA -
Fort Eustis Realignment EA, VA
Riverbank Army Ammunition Plant Disposal and Reuse EA, CA
Joint Forces Training Activity, Baseline Assessment and Sustainability Analysis, Los Alamitos, CA
CE Kelly Support Center, Disposal and Reuse EA, PA

All except Los Alamitos are NEPA EA's for BRAC sites; Los Alamitos is a baseline and sustainability analysis for a growing facility now undergoing a Master Planning process. ENSR's role varies by site – ENSR is managing the Selfridge and Fort McPherson studies. Key ENSR staff are providing Senior Expertise as Resource Area Leaders in the subjects of Land Use and Visual Impact assessment and Air Quality for all sites. ENSR is also providing GIS support for most of the facilities and air quality, HTRW/geology/site contamination; utilities; in some cases transportation and noise services for others. The Selfridge project has been supported by the ENSR North Central region staff; the McPherson/Gillem (one team doing both) projects are supported from the Southeast Region; and the California projects are supported from the Oakland and the Orange offices (the Southwest region).

Issues involve the transfer of military property addressing HTRW/contamination, preservation of historic structures/cultural resources, land use compatibility, air quality/emissions, water quality and resources, biological resources, transportation and utilities, and noise. ENSR is working closely with the Corps, the Department of the Army BRAC Headquarters, the Base Environmental Coordinator and Base Transition Coordinators at each site, the Installation Management Agency, as well as the Local Reuse Authority in expediting the timely transfer of these parcels for productive reuse

Environmental Assessments

TCB AECOM, Environmental Condition of Property Report, San Bruno, California. Conduction an Environmental Condition of Property (ECP) Assessment for a U.S. Marine Corps Reserve Facility. Performed historical site research in order to determine the potential environmental concerns associated with the facility.

Environmental Impact Assessment

Inland Energy, Land Use and Socio-Economic Support for Use Permit, Victorville, CA. Reviewed recent aerial photographs to determine land use within a regulated distance from the planned facility. Researched environmental justice data with the U.S. Census Bureau and the Bureau of Prisons to determine population data.

Inland Energy, Socio-Economic Support for Use Permit, Palmdale, CA.

Researched housing, economic, and population trends in the vicinity of Palmdale for use in writing the Socio-Economic section of a use permit for a new power plant in the region.

Valero Refinery, Assistance with Use Permit Application, Benicia, CA.

Assistance performing research regarding land use, geology, agriculture, and mineral resources and preparing a written document for the Use Permit for VIP II.

Environmental Impact Assessments

Army Corps of Engineers, Base Realignment and Closure Missions, Atlanta, Georgia. Assisted in the research and writing of data associated with the re-use scenarios for Fort McPherson.

Environmental Site Assessments

Transcontinental, Environmental Assessment and Use Permit support, San Leandro and Fremont, CA. Performed site summary assessments of two potential facilities for the new NADEV printing facility. Performed Phase I Environmental Site

Assessment for the preferred site. Assisted in preparing supporting CEQA documents for the Use Permit.

TA Realty, Phase I Environmental Site Assessment, San Jose, CA. Performed Phase I Environmental Site Assessment for a three building business park site.

TA Realty, Phase I Environmental Site Assessment, San Mateo, CA. Performed Phase I Environmental Site Assessment for an office building site.

TA Realty, Phase I Environmental Site Assessment, Santa Clara, CA. Performed Phase I Environmental Site Assessment for a six building business park site.

TA Realty, Phase I Environmental Site Assessment, San Mateo, CA. Performed Phase I Environmental Site Assessment for an office building site.

Oxbow, Phase I Environmental Site Assessment and Potable Water Sampling, Colorado. Assisted in the performance of Phase I Environmental Site Assessments for three residential properties and a resort property. Additionally, potable water sampling was completed during this investigation.

Confidential, Phase I Environmental Site Assessment, Florida. Completed report writing for several sites included in a portfolio of Due Diligence work within the 'Parcel' report writing system.

EDAW, Site Assessment, Vacaville, CA. Performed a Limited Environmental Site Assessment for a former orchard site.

Industrial Phase I Environmental Site Assessments, California. Completed several Phase I Environmental Site Assessments for light to heavy industrial sites throughout California. Sites include metal-working facilities, textile production factories, and former metal plating facilities.

Commercial Phase I Environmental Site Assessments, California. Completed several Phase I Environmental Site Assessments for commercial sites throughout California, Arizona, Oregon, and Washington. Sites include office buildings, retail sales, and current and former dry cleaners.

Residential Phase I Environmental Site Assessments, California. Completed several Phase I Environmental Site Assessments for single and multi-family residential sites throughout California and Washington.

Agricultural Phase I Environmental Site Assessments, California. Completed several Phase I Environmental Site Assessments for agricultural sites throughout California. Sites include current and former orchard sites, large and small scale farms, and wineries.