

**PHASE I ENVIRONMENTAL  
SITE ASSESSMENT**

**FINAL REPORT  
PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT  
CARRISA HIGHWAY (STATE ROUTE 58)  
SANTA MARGARITA, CALIFORNIA**

**PREPARED FOR:  
AUSRA, INCORPORATED**

**URS PROJECT NO. 22239472**

**August 23, 2007**



**30 River Park Place West  
Suite 180  
Fresno, California 93720  
(559) 256-1444**



August 23, 2007

Ausra, Incorporated  
274 Brannan Street, Suite 600  
San Francisco, California 94107

Attention: Mr. Rob Morgan

Re: Phase I Environmental Site Assessment  
Ausra - Carrizo Solar Power Project  
Carrisa Highway (State Route 58)  
Santa Margarita, California  
URS Project No. 22239472

Dear Mr. Morgan:

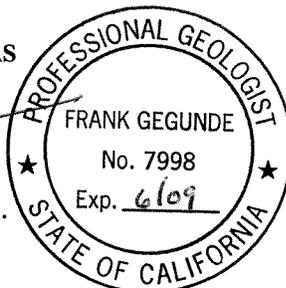
Transmitted with this letter is the report for the Phase I Environmental Site Assessment (ESA) conducted at the above-referenced site. Thank you for the opportunity to be of assistance on this project.

We trust this report provides you with the information you require at this time. Should you have any questions regarding the information presented in this update report, or need further assistance, please contact us at 559-256-1444.

Sincerely,

URS CORPORATION AMERICAS

  
Frank L. Gegunde, P.G., R.E.A.  
Senior Geologist



  
Kurt R. Myers, P.G., C.E.G.  
Principal Geologist

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

**TABLE OF CONTENTS**

<b><u>Section</u></b>	<b><u>Page</u></b>
<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
<b>1.0 INTRODUCTION.....</b>	<b>1</b>
<b>1.1 ASTM STANDARD AND ALL APPROPRIATE INQUIRY.....</b>	<b>1</b>
1.1.1 All Appropriate Inquiry Standards.....	1
1.1.2 ASTM Standard.....	2
<b>1.2 PURPOSE.....</b>	<b>2</b>
<b>1.3 SCOPE OF SERVICES .....</b>	<b>2</b>
<b>1.4 USER RELIANCE .....</b>	<b>4</b>
<b>1.5 LIMITATIONS AND EXCEPTIONS.....</b>	<b>4</b>
<b>2.0 SITE DESCRIPTION.....</b>	<b>6</b>
<b>2.1 LOCATION .....</b>	<b>6</b>
<b>2.2 INTERVIEWS AND SPECIALIZED USER KNOWLEDGE.....</b>	<b>6</b>
<b>2.3 SITE RECONNAISSANCE .....</b>	<b>6</b>
2.3.1 Hazardous Substances .....	7
2.3.2 Storage Tanks.....	7
2.3.3 Polychlorinated Biphenyls (PCBs) and Mercury .....	8
2.3.4 Waste Disposal.....	9
2.3.5 Wetlands, Floodplain, Coastal Zone .....	9
2.3.6 Drums/Other Chemical Containers .....	9
2.3.7 Dumping.....	10
2.3.8 Pits, Ponds, Lagoons, Septic Systems, Cisterns, Sumps, Drains, and Clarifiers .....	10
2.3.9 Pesticide Use .....	10
2.3.10 Staining and Discolored Soils.....	11
2.3.11 Stressed Vegetation.....	11
2.3.12 Unusual Odors .....	11
2.3.13 Onsite Wells.....	11
2.3.14 High Tension Wires.....	11
2.3.15 Indoor Air Quality.....	11
2.3.16 Nearby Environmentally Sensitive Sites .....	11
2.3.17 Asbestos .....	12
2.3.18 Lead-Based Paint .....	12
2.3.19 Radon .....	13

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

**TABLE OF CONTENTS**

<b><u>Section</u></b>	<b><u>Page</u></b>
2.3.20 Water Intrusion and Mold Growth.....	13
2.3.21 Other Concerns .....	14
<b>2.4 SITE VICINITY AND ADJACENT PROPERTIES .....</b>	<b>14</b>
<b>2.5 HISTORICAL USE.....</b>	<b>14</b>
2.5.1 Historic Sanborn Fire Insurance Maps.....	15
2.5.2 Historic USGS Topographic Maps .....	15
2.5.3 Historic Aerial Photographs .....	15
2.5.4 EDR Well Search Report .....	16
2.5.5 Title Records .....	17
2.5.6 Environmental Liens or Activity and Use Limitations .....	17
2.5.7 Valuation Reduction for Environmental Issues .....	18
2.5.8 Summary of Historical Data.....	18
<b>3.0 PHYSICAL SETTING .....</b>	<b>19</b>
3.1 TOPOGRAPHY.....	19
3.2 AREA GEOLOGY AND HYDROGEOLOGY .....	19
<b>4.0 AGENCY RECORDS REVIEW.....</b>	<b>21</b>
4.1 DATABASE LIST SEARCH.....	21
4.1.1 Site.....	21
4.1.2 Offsite.....	22
4.2 AGENCY CONTACTS.....	24
<b>5.0 PREVIOUS REPORTS.....</b>	<b>27</b>
<b>6.0 CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>28</b>
<b>7.0 PREPARER SIGNATURES AND QUALIFICATIONS.....</b>	<b>30</b>
<b>8.0 REFERENCES.....</b>	<b>31</b>

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

**TABLE OF CONTENTS**

**Section** **Page**

**FIGURES**

Figure 1 – Vicinity Map

Figure 2 – Site Plan

**APPENDICES**

Appendix A Site Photographs

Appendix B EDR Reports: Area Study; Well Search; Environmental Lien Search; Aerial  
Photographs

Appendix C User Questionnaire

Appendix D Inquiry Responses from Regulatory Agencies

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

**EXECUTIVE SUMMARY**

URS Corporation (URS) conducted a Phase I Environmental Site Assessment (Phase I ESA) of the future Ausra - Carrizo Solar Power Project property located on the Carrisa Highway (State Route 58) approximately 40 miles east of Santa Margarita, San Luis Obispo County, California (subject property or site). The purpose of the Phase I Environmental Site Assessment is to gather information about the subject property and surrounding areas to identify conditions indicative of releases or threatened releases of hazardous substances, pollutants and contaminants, petroleum or petroleum products, and controlled substances. This Phase I ESA was accomplished by, and limited to, a reconnaissance of the site, a drive-by survey of the site vicinity, and review of agency databases and other reasonably ascertainable records regarding past and current land use for indications of the manufacture, generation, use, storage and/or disposal of hazardous substances at the site. At the request of Ausra, Incorporated (Client), landowners were not contacted or interviewed during this ESA investigation. URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions (RECs) except where noted.

The Scope of Services performed is in accordance with the Agreement for Professional Services between Ausra, Incorporated and URS Corporation Americas dated January 31, 2007. The format and content of the Phase I ESA Report for the subject property are in general accordance with the ASTM Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process E 1527-05 and the United States Environmental Protection Agency (USEPA) 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries (AAI) – Final Rule approved November 1, 2005.

At the time of the site visit, the subject property consisted of three sections of land encompassing approximately 1920 acres designated as Sections 27, 28, and 33 of Township 29 South, Range 18 East, Mount Diablo Base & Meridian (MDB&M). The San Luis Obispo County Assessor's office identified four parcels on the sections comprising the subject property using assessor's parcel numbers (APNs) 072-101-023 and 072-101-010 (Section 27); 072-091-001 (Section 28); and 072-091-010 (Section 33).

Most of APN 072-101-023 (Section 27) was vacant or used for dry-land grain farming. A Pacific Gas and Electric Company (P.G. and E.) electric transmission substation (Carrizo Plains Substation) is located in the northwest corner of the section. An abandoned 7,000 square foot metal building, an empty above-ground plastic water tank, and a 10-foot high chain link fence that presumably contained the former Carrizo Solar Power Corporation site are located in the

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

northwest quarter of the section. The street address 9360 Carrisa Highway, Santa Margarita, California, is associated with the former Carrizo Solar Power location. APN 072-101-010 (Section 27) is an approximately 1-acre parcel formerly permitted for an emergency operations facility, presumably associated with the former Carrizo Solar Power Corporation operations and currently owned by P.G. and E. Two high-voltage electric transmission tower lines lie along the entire northern boundary of Section 27 and the adjoining Section 28 to the west.

APN 072-091-001 (Section 28) was vacant or used for dry-land farming except for an abandoned rural farmstead including outbuildings near the center of the section. Additionally, several features such as a watering trough and feed bins consistent with cattle ranching were observed. The street address of the farmstead is 8968 Carrisa Highway, Santa Margarita (Simmler), California. APN 072-091-010 (Section 33) was vacant except for an abandoned rural farmstead including outbuildings near the center of the section. No farming or other activities were observed at the time of the site visit. The street address of the farmstead is 9545 Carrisa Highway, Santa Margarita (Simmler), California. It should be noted that the farmsteads on both Section 28 and Section 33 were abandoned and in a state of general disrepair and dilapidation. Several structures have collapsed and there is significant debris at both locations.

Historical data dates back to 1920 and indicates that the subject property has been used for agriculture, rural farmsteads, and the former Carrizo Solar Power Corporation operations since that time. The farmstead and associated outbuildings on Section 28 were constructed in 1928 to 1948, with the original barn constructed in 1920. The farmstead and associated outbuildings on Section 33 were constructed in 1942 to 1945. The former Carrizo Solar Power Corporation solar collection panels and operations building previously located on Section 27 were constructed in 1983/84 and removed when operations ceased in about 1997. A 2000-gallon diesel underground storage tank was removed in 1994. No other underground storage tanks were identified or reported on any of the subject property parcels.

Several above ground storage tanks were identified on the abandoned farmsteads, including an empty propane tank, an approximately 500-gallon fuel storage tank, and an approximately 1,500-gallon fuel storage tank and fuel pump on the Section 33 parcel. Other tanks not used for fuel storage appeared to be used for livestock and irrigation water collection and distribution. All of the tanks observed appeared to be empty at the time of URS' site visit.

The subject property appears on the HAZNET, RCRA-SQG, and FINDS databases searched by Environmental Data Resources, Inc. (EDR). The former Carrizo Solar Plant on the subject property was identified on these databases in the agency database search. Documents obtained

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

from the San Luis Obispo County Health Department Division of Environmental Health indicate that the 2000-gallon diesel underground storage tank was removed from the former Carrizo Solar Power Plant site and that subsequent soil sampling in the former tank pit yielded no residual contamination. The case was closed in 1994. It should be noted that although the San Luis Obispo County Health Department has indicated that no further work is required based on soil sampling conducted at the time of removal, it is possible, although unlikely, that unreported contamination still exists.

Two sites in the vicinity of the subject property are included in EDR's agency environmental database lists: Carrizo Plains School (FINDS) and the Goodwin Ranch (HIST UST). The San Luis Obispo County Health Department Division of Environmental Health lists these sites as closed cases. Other nearby sites listed in the EDR database "Orphan Summary" were either sites where underground storage tanks had been removed and are located at such a distance that any associated impact to the site would be unlikely, or were cases which have been closed or are considered "soils only" cases by the overseeing agency, indicating that the sites are unlikely to pose a threat to the subject property.

Based on the scope of services performed for this Phase I ESA, no recognized environmental conditions were identified associated with the current or historical uses of the subject property. Although not considered recognized environmental conditions the following observations should be noted:

- Water wells on the subject properties that are abandoned have the potential to be a nuisance and may be a direct conduit for contamination to substrate aquifers. These wells should be destroyed in accordance with State and local regulations;
- Farmsteads on both Section 28 and Section 33 were abandoned and in a state of general disrepair and dilapidation. Several structures have collapsed and there is significant debris at both locations including several unused fuel and water storage ASTs, abandoned farm equipment, and a collapsed septic tank on Section 33. While not necessarily an "environmental" concern these conditions have the potential to become health and safety hazards and should be addressed.
- Pole-mounted transformers were observed near the rural farmsteads on Section 28 and Section 33. The reported construction date for these structures was as early as 1920 and in most cases were circa the early 1940s. URS was unable to assess the respective ages

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

of the respective transformer units. Therefore, the potential for PCBs in the observed transformers exists. No “Non-PCB” labeling was observed on these transformers.

- One full 30-gallon drum of unknown contents was observed on the east side of a former machine shop at the farmstead on Section 28. Two other unmarked, partially full 55-gallon drums were observed inside an open storage shed south of the machine shop. None of these drums appeared to be leaking. These, and any other suspect containers discovered on the subject property with unknown contents, should be assessed and removed by a qualified hazardous materials handler to mitigate any potential unauthorized release of the contents.
  
- Based on the date of construction (prior to 1945) building material of the subject property farmhouses and/or outbuildings in Section 28 and Section 33 may contain asbestos or lead-based paint. URS did not conduct a formal survey for the presence of these materials. Suspect asbestos-containing materials (ACMs) should be formally assessed by a certified asbestos consultant prior to any renovation or demolition that may disturb such materials (unless those materials are handled as ACM). Confirmed ACMs should be handled by a licensed asbestos contractor and appropriately disposed. Suspect paint should be formally assessed by a certified lead materials inspector prior to any renovation or demolition that may disturb such materials (unless those materials are handled as LBP). Activities that may disturb confirmed LBP should be handled under the supervision of a certified lead materials inspector.

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

**1.0 INTRODUCTION**

Presented in this report are the results of the Phase I Environmental Site Assessment (Phase I ESA) conducted by URS of the future Ausra - Carrizo Solar Power Project property located on the Carrisa Highway (State Route 58) approximately 40 miles east of Santa Margarita, San Luis Obispo County, California. At the time of URS' site visit the subject property consisted of three sections of land encompassing approximately 1920 acres designated as Sections 27, 28, and 33 of Township 29 South, Range 18 East, Mount Diablo Base & Meridian. The San Luis Obispo County Assessor's office identified four parcels on the Sections comprising the subject property using assessor's parcel numbers (APNs) 072-101-023 and 072-101-010 (Section 27); 072-091-001 (Section 28); and 072-091-010 (Section 33). The only structures observed on the subject property consisted of abandoned rural farmsteads and associated outbuildings with cultural features consistent with dry-land grain farming and cattle ranching operations; a structure and a chain link fence that are remnants of the former Carrizo Solar Power Corporation operations; and an electric transmission substation. It should be noted that the farmsteads on both Section 28 and Section 33 were abandoned and in a state of general disrepair and dilapidation. Several structures have collapsed and there is significant debris at both locations.

This assessment was accomplished by, and limited to, a reconnaissance of the site, a drive-by survey of the site vicinity, and review of agency databases and other reasonably ascertainable information regarding past and current land use for indications of the manufacture, generation, use, storage and/or disposal of hazardous substances at the site. URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions (RECs) except where noted.

**1.1 ASTM STANDARD AND ALL APPROPRIATE INQUIRY**

The format and content of this Phase I ESA Report of the subject property are in general accordance with the ASTM Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process E 1527-05 and the United States Environmental Protection Agency's Standards and Practices for All Appropriate Inquiries: 40 CFR Part 312 (AAI).

**1.1.1 All Appropriate Inquiry Standards**

The USEPA Rule on All Appropriate Inquiry (AAI) was developed to establish landowner liability protections to property owners under CERCLA as innocent landowners, bona fide prospective purchasers, and/or contiguous property owners. The Rule expands the records review requirements by increasing the search distances beyond the recently superseded ASTM Standard

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

E 1527-00, incorporating mandatory searches for engineering and institutional controls, and mandatory review of local government and tribal records. The records review also requires a search of reasonably ascertainable land title and lien records to identify environmental liens or activity and use limitations, if any, that are recorded against the property. The historical sources review requires that a search of the property go as far back in history as it can be shown that the property contained structures or was first used for residential, agricultural, commercial, industrial, or governmental purposes. Data gaps identified for the property will be identified and their significance reported. The AAI Rule also requires taking into account commonly known or reasonably ascertainable information within a local community. AAI requires that inquiries be conducted by an environmental professional, which is specifically defined within the Rule.

### **1.1.2 ASTM Standard**

The ASTM International Standard Practice for Environmental Site Assessments (Standard E 1527-05) was approved November 18, 2005. ASTM Standard E 1527-05 was established and updated to reflect industry requirements brought about by AAI.

The goal of the ASTM Standard is to identify Recognized Environmental Conditions (RECs). By definition under ASTM designation E 1527-05, the term “recognized environmental condition” is defined as 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, ground water or surface water of the property. The term includes 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 threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

## **1.2 PURPOSE**

The purpose of the Phase I Environmental Site Assessment is to gather information about the subject site and surrounding areas identify conditions indicative of releases or threatened releases of hazardous substances, pollutants and contaminants, petroleum or petroleum products, and controlled substances.

## **1.3 SCOPE OF SERVICES**

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

The Scope of Services performed is in accordance with the Agreement for Professional Services between Ausra, Incorporated (Client) and URS Corporation Americas dated January 31, 2007. The format and content of this Phase I ESA Report are in general accordance with the USEPA's standards for All Appropriate inquiries (AAI) and ASTM Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process.

This Phase I ESA was accomplished by, and limited to, a reconnaissance of the site and review of pertinent documentation available through URS' standard resources regarding past and current land use for indications of the manufacture, generation, use, storage, and/or disposal of hazardous substances at the site. The site reconnaissance included a walking tour of areas at the subject property that were accessible by foot and a drive-by survey of surrounding and adjacent properties. To meet the objective of this Phase I ESA, URS completed the following tasks:

- Performed a reconnaissance survey of the subject property to make visual observations of existing site conditions and activities, and a drive-by survey of the area within 1/2-mile of the site to observe types of general land use. At the request of the Client, landowners were not contacted or interviewed during this ESA investigation. URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions except where noted. Photographs of the site are provided as Appendix A.
- Reviewed the federal, state, and local database list search provided by Environmental Data Resources, Inc., (EDR) of Milford, Connecticut of known or potential hazardous waste sites or landfills, and sites currently under investigation for environmental violations. The agency lists and Area Search results (EDR Report) are provided in Appendix B.
- Conducted inquiries in person, by telephone, or in writing to the appropriate regulatory agencies for information regarding environmental permits, violations or incidents, and/or the status of enforcement actions at the subject property.
- Conducted interviews, where appropriate, and discussed specialized knowledge of site conditions with site contacts and Client representatives. A copy of the User Questionnaire completed by the site contact and an email response to the inquiry are included as Appendix C.
- Reviewed pertinent, available documents and maps regarding local physiographic and hydrogeologic conditions in the site vicinity including the potential presence of wetlands,

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

floodplains, coastal zones, aquifer recharge areas, and nearby environmentally sensitive sites.

- Reviewed and interpreted available historical aerial photographs of the site and vicinity for evidence of previous site activities and development that would suggest the potential presence of hazardous substances at the site. A copy of the EDR Aerial Photo Decade Package is included in Appendix B.
- Reviewed and interpreted archival U.S. Geological Survey (USGS) topographic maps of the site and the area within ½-mile of the subject property for information regarding historical land use potentially involving the manufacture, generation, use, storage and/or disposal of hazardous substances.
- Reviewed available environmental lien information for the subject property.
- Reviewed available previous environmental reports, if available, that were prepared for the subject property.
- Prepared this report describing the research performed and presenting URS' findings and professional opinions regarding the potential for adverse environmental impacts to the subject property.

#### **1.4 USER RELIANCE**

This report has been prepared for use by Ausra, Incorporated, and shall not be relied upon by or transferred to any other party, or used for any other purpose, without the express written authorization of URS.

#### **1.5 LIMITATIONS AND EXCEPTIONS**

This report and the associated work have been provided in accordance with the principles and practices generally employed by the local environmental consulting profession. This is in lieu of all warranties, expressed or implied. At the request of the Client, landowners were not contacted or interviewed during this ESA investigation. URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions except where noted.

Discussions of ASTM E1527-05 or AAI data gaps, if any, including sources reviewed, the significance of each data gap, and an opinion if the data gap inhibits the environmental

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

professional's ability to reach an opinion about contamination at the property, are incorporated into the appropriate sections of the report.

It should be recognized that this study was not intended to be a definitive investigation of potential contamination at the subject property and the recommendations provided are not necessarily inclusive of all the possible conditions. This ESA is not a regulatory compliance audit or an evaluation of the efficiency of the use of any hazardous materials at the subject property. Soil and/or groundwater sampling was not undertaken during this investigation. Sampling for asbestos, radon, lead-based paint, and lead in drinking water was also not performed as part of this Phase I ESA. Given that the Scope of Services for this investigation was limited, it is possible that currently unrecognized contamination might exist at the site.

The conclusions presented in this report are professional opinions based solely upon indicated data described in this report, visual observations of the site and vicinity, and our interpretation of the available historical information and documents reviewed, as described in this report. Unless URS has actual knowledge to the contrary, information obtained from interviews or provided to URS by the client has been assumed to be correct and complete. URS does not assume any liability for information that has been misrepresented to us by others or for items not visible, accessible or present on the subject property during the time of the site reconnaissance. The conclusions are intended exclusively for the purpose outlined herein and the site location and project indicated. The Scope of Services performed in execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Opinions and recommendations presented herein apply to the site conditions existing at the time of our assessment and cannot necessarily apply to site changes of which URS is not aware and has not had the opportunity to evaluate. Changes in the conditions of this property may occur with time due to natural processes or the works of man on the subject site or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control. Opinions and judgments expressed herein are based on URS' understanding and interpretation of current regulatory standards, and should not be construed as legal opinions.

## **2.0 SITE DESCRIPTION**

### **2.1 LOCATION**

The site is located on the Carrisa Highway (State Route 58) approximately 40 miles east of Santa Margarita, San Luis Obispo County, California. At the time of URS' site visit the subject property consisted of three sections of land encompassing approximately 1920 acres designated as Sections 27, 28, and 33 of Township 29 South, Range 18 East, Mount Diablo Base & Meridian. The San Luis Obispo County Assessor's office identified four parcels on the Sections comprising the subject property using assessor's parcel numbers (APNs) 072-101-023 and 072-101-010 (Section 27); 072-091-001 (Section 28); and 072-091-010 (Section 33). The only structures observed on the subject property consisted of abandoned rural farmsteads and associated outbuildings with cultural features consistent with dry-land grain farming and cattle ranching operations; a structure and a chain link fence that are remnants of the former Carrizo Solar Power Corporation operations; and an electric transmission substation. The surrounding area is occupied by agriculture and rural residential properties. A site vicinity map and a site plan are included as Figures 1 and 2, respectively.

### **2.2 INTERVIEWS AND SPECIALIZED USER KNOWLEDGE**

URS submitted a User Questionnaire per AAI standards to Mr. Sohier Dane, Development Manager and a representative of Ausra, Incorporated, regarding specialized user knowledge of the subject property. The site representatives stated that, to their knowledge, there are no known environmental concerns associated with the subject property. A copy of the User Questionnaire and an email response to the inquiry are included as Appendix C. At the request of the Client landowners were not contacted or interviewed during this ESA investigation.

### **2.3 SITE RECONNAISSANCE**

On June 21 and 22, 2007, Mr. Frank Gegunde, P.G., R.E.A., a URS representative, conducted a reconnaissance of the subject property. The reconnaissance consisted of the observation and documentation of existing site conditions accessible by foot and the nature of the neighboring property development within 1/2-mile of the site. Photographs taken during the site reconnaissance are provided in Appendix A.

APN 072-101-023 (Section 27) was vacant and used for dry-land grain farming except for a P.G. and E. electric transmission substation (Carrizo Plains Substation) located in the northwest corner of the section; an abandoned 7,000 square foot metal building and an empty above-ground plastic water tank; and a 10-foot high chain link fence that presumably surrounded the former

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

Carrizo Solar Power Corporation site in the northwest quarter of the section. The street address 9360 Carrisa Highway, Santa Margarita, California, is associated with the former Solar Power location. APN 072-101-010 (Section 27) is an approximately 1-acre parcel formerly permitted for an emergency operations facility, presumably associated with the former Carrizo Solar Power Corporation operations and currently owned by P.G. and E. Two high-voltage electric transmission tower lines lie along the entire northern boundary of Section 27 and the adjoining Section 28 to the west.

APN 072-091-001 (Section 28) was vacant and used for dry land farming except for an abandoned rural farmstead and associated outbuildings near the center of the section. Additionally, several features such as a watering trough and feed bins consistent with cattle ranching were observed. The street address of the farm is 8968 Carrisa Highway, Santa Margarita (Simmler), California. APN 072-091-010 (Section 33) was vacant except for an abandoned rural farmstead and associated outbuildings near the center of the section. No farming or other activities were observed at the time of the site visit. The street address of the farm is 9545 Carrisa Highway, Santa Margarita (Simmler), California. Barbed wire fences surrounded all three Sections.

### **2.3.1 Hazardous Substances**

No hazardous or petroleum substances were observed at the Property during URS' site visit. Several pole-mounted transformers and a pad-mounted transformer were observed on the subject property. These transformers are discussed further in Section 2.3.3 below.

### **2.3.2 Storage Tanks**

Based on documents provided by the San Luis Obispo County Health Department, Division of Environmental Health, a 2000-gallon diesel underground storage tank (UST) was removed from an area of the subject property owned by P.G. and E. located in the northwest corner of Section 27. The UST was installed in 1987 and presumably used in connection with activities associated with the former Carrizo Solar Power Corporation activities. The UST was removed in October 1994. Two soil samples collected from the tank pit beneath the UST after it was removed and submitted for laboratory analysis were non-detect for diesel-range extractable petroleum hydrocarbons. San Luis Obispo County Health Department issued a letter stating that no further clean up action was required on November 1, 1994. Copies of the Closure Letter, applications for permits to abandon, and the results of the laboratory analysis are included in Appendix D. It should be noted that although the San Luis Obispo County Health Department has indicated that

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

no further work is required, it is possible, although unlikely, that unreported contamination still exists.

No other evidence of current or former USTs was observed on the subject property during the site reconnaissance. It should be noted that URS staff did not conduct a complete and detailed search for evidence of USTs in the proximity of the farmstead structures in Section 33 at the time of the site visit because of limitations on access.

URS staff observed several above ground storage tanks (ASTs) on the subject property. Several of these ASTs appeared to be used for irrigation or watering livestock. Two of these ASTs were mounted on trailers and appeared to be mobile. One pad-mounted plastic AST located at the north end of Section 27 near an abandoned metal building was labeled for “fire or emergency use only.” Presumably this tank was used in association with the former Carrizo Solar Power Corporation operations. Multiple ASTs and storage containers were observed proximal to the farming/ranching and grainery related structures in Section 28 at the time of the site visit. These tanks appeared to be used for livestock and irrigation water collection and distribution. No ASTs containing fuel were observed on Section 28.

Several above ground storage tanks were identified on the farmstead on Section 33, including an empty propane tank, an approximately 500-gallon fuel storage tank, and an approximately 1,500-gallon fuel storage tank and fuel pump. Other tanks not used for fuel storage appeared to be used for livestock and irrigation water collection and distribution. All of the tanks observed appeared to be empty at the time of URS’ site visit. It should be noted that URS staff did not conduct a complete and detailed search for evidence of ASTs in the proximity of the farmstead structures in Section 33 at the time of the site visit because of limitations on access.

### **2.3.3 Polychlorinated Biphenyls (PCBs) and Mercury**

Electrical transformers, hydraulic equipment, capacitors, and similar equipment may contain polychlorinated biphenyls (PCBs) in hydraulic or dielectric insulating fluids within the units. The federal Toxic Substances Control Act (TSCA) generally prohibited the domestic manufacture of PCBs after 1976; therefore, there is a potential for the dielectric fluid in electrical and hydraulic equipment manufactured prior to that date to contain PCBs.

URS staff did not observe the interiors of any structures to assess the potential for fluorescent lighting fixtures. Based on the circa 1940s construction dates of the structures, it is possible that PCB-containing light ballasts are present in the buildings.

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

A P.G. and E. electric transmission substation (Carrizo Plains Substation) is located in the northwest corner of Section 27. URS observed one large pad-mounted transformer, two pole mounted transformers, and two capacitor banks inside the substation. There was no obvious indication of the age of the equipment. Units were not labeled with “Non-PCB” stickers. All of the equipment appeared to be in good condition with no easily discernable leaks. The substation was locked and permission to enter the premises was not obtained. No mercury meters or batteries could be observed from outside the substation. No assessment of equipment for mercury content was possible.

Pole-mounted transformers were observed near the rural farmsteads on Section 28 and Section 33. The reported construction date for these structures was as early as 1920 and in most cases were circa the early 1940s. URS was unable to assess the respective ages of the respective transformer units. Therefore, the potential for PCBs in the observed transformers exists. No “Non-PCB” labeling was observed on these transformers. No leaks were observed in these units.

#### **2.3.4 Waste Disposal**

It should be noted that the farmsteads on both Section 28 and Section 33 were abandoned and in a state of general disrepair and dilapidation. Several structures have collapsed and there is significant debris at both locations. No trash dumpsters or other significant methods of waste disposal were observed on the subject property. Several small trashcans were observed in the vicinity of the farmsteads; however none of them appeared to have been recently used. Only minor household paper and can waste was observed in the trashcans.

#### **2.3.5 Wetlands, Floodplain, Coastal Zone**

According to the EDR report, portions of the subject property are located within a FEMA identified flood zone. The seasonal stream that trends northwest to southeast across Section 33 and the seasonal stream that trends northeast to southwest across the northwest corner of Section 27 and into Section 28 lie within a 100-year Flood Zone. The EDR report did not identify wetlands on or within one mile of the subject property. The subject property is not located in a coastal zone.

#### **2.3.6 Drums/Other Chemical Containers**

It should be noted that the farmsteads on both Section 28 and Section 33 were abandoned and in a state of general disrepair and dilapidation. Although URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions, staff observed multiple drums or chemical containers on the subject property in the proximity of

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

the farmsteads. Several structures have collapsed and there is significant debris, including drums and other containers at both locations. Most of these drums appeared to be empty and unused. None of the drums were marked as to the previous contents. One full 30-gallon drum of unknown contents was observed on the east side of a former machine shop at the farmstead on Section 28. Two other unmarked, partially full 55-gallon drums were observed inside an open storage shed south of the machine shop. None of these drums appeared to be leaking.

### **2.3.7 Dumping**

Evidence of unauthorized dumping of chemicals or substances was not observed during the site reconnaissance.

### **2.3.8 Pits, Ponds, Lagoons, Septic Systems, Cisterns, Sumps, Drains, and Clarifiers**

Evidence of pits, lagoons, cisterns, sumps, and clarifiers was not observed at the subject property.

Two approximately ½-acre man-made ponds presumably used for livestock watering or potentially as pump sumps for irrigation were located east and west of the farmstead structures on Section 28. No evidence of any RECs was observed in association with the ponds during the site visit. Vent pipes and clean-outs consistent with septic systems were observed on the structures at the farmstead in Section 28. No other evidence was readily observed. Based on the rural nature of these structures, it is likely that sewer lines, septic tanks, and leach lines are present. Evidence of collapsed septic tanks was observed south of the main residential structure at the farmstead on Section 33.

### **2.3.9 Pesticide Use**

The use of pesticides was not observed during the site reconnaissance. URS reviewed the California Department of Pesticide Regulation (DPR) Licensing and Certification Program index of licensees. The DPR issues licenses and/or certificates to:

- Persons and businesses that apply or sell pesticides.
- Pest control dealers and brokers.
- Persons who advise on agricultural pesticide applications.

DPR also certifies pesticide applicators who use or supervise the use of restricted pesticides. None of the subject property parcels or parcel owners are listed in the DPR database.

### **2.3.10 Staining and Discolored Soils**

No staining or discolored soil was observed onsite during the site reconnaissance.

### **2.3.11 Stressed Vegetation**

Stressed vegetation as a result of chemical contamination was not observed onsite during the reconnaissance. Perennial grass and native shrubbery observed during the site visit appeared to be dry and inert due to normal seasonal succession.

### **2.3.12 Unusual Odors**

No unusual odors were noted during the reconnaissance.

### **2.3.13 Onsite Wells**

Monitoring, oil and gas production wells were not observed onsite during the reconnaissance. Onsite water production wells and storage tanks were observed in the proximity of the farmhouses and associated outbuildings located in Section 28 and Section 33. Water wells on the subject properties that are abandoned have the potential to be a nuisance and may be a direct conduit for contamination to substrate aquifers. These wells should be destroyed in accordance with State and local regulations.

### **2.3.14 High Tension Wires**

Two high-voltage electric transmission tower lines lie along the entire northern boundaries of Section 27 and Section 28. Standard electric service lines are constructed along the east and south boundaries of Section 28, and the north boundary of Section 27. The service lines extend to the farmsteads located in the centers of Section 28 and Section 33, and to the vacant metal structure on Section 27.

### **2.3.15 Indoor Air Quality**

No assessment of indoor air quality issues was conducted during this ESA investigation.

### **2.3.16 Nearby Environmentally Sensitive Sites**

During the site visit and reconnaissance of the surrounding area, URS observed signs that indicated the presence of the Carnaza Private Lands Wildlife Management Area located on property east of the subject property. The Private Lands Wildlife Management Area Program is

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

administered by the California Department of Fish and Game. More information on the program is available on the website: <http://www.dfg.ca.gov/licensing/pdf/files/2002plmfactsheet-list.pdf>.

The Carrizo Plain National Monument is located approximately 5 miles southeast of the subject property. The Carrizo Plain Natural Area became the Carrizo Plain National Monument in January 2001 by presidential proclamation. The park is noted for its geologic features (including the San Andreas Fault and Soda Dry Lake), archeological sites, and wildlife. The park is the largest remaining remnant of the original San Joaquin Valley habitat. The national monument encompasses almost 250,000 acres. The land is cooperatively managed by the U.S. Bureau of Land Management, the California Department of Fish and Game, and The Nature Conservancy. The preserve still encompasses private land holdings that are used for limited cattle ranching and dry-land farming. Land management priority activities include restoration of the pre-colonial ecosystem and the protection of endangered species habitats while melding human use of the region's natural resources (USGS, 2004).

### **2.3.17 Asbestos**

URS did not conduct an asbestos survey as part of this Phase I ESA; however, a preliminary visual asbestos assessment, including observations regarding types of building materials present and the potential for those materials to contain asbestos based on the building construction date, was made. URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions except where noted.

While the use of asbestos in manufacture of most building materials has not been fully prohibited by federal law, the use of asbestos, for the most part, has been discontinued since the late 1970s. Thus, based on the date of construction (prior to 1945) building material of the subject property farmhouses and/or outbuildings in Section 28 and Section 33 may contain asbestos.

Suspect asbestos-containing materials (ACMs) should be formally assessed by a certified asbestos consultant prior to any renovation or demolition that may disturb such materials (unless those materials are handled as ACM). Confirmed ACMs should be handled by a licensed asbestos contractor and appropriately disposed.

### **2.3.18 Lead-Based Paint**

Concern for lead-based paint (LBP) is primarily related to residential structures. The risk of lead toxicity in LBP varies based upon the condition of the paint and the year of its application. The U.S. Department of Housing and Urban Development (HUD) has identified the following risk factors:

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

- The age of the dwelling as follows:  
The maximum risk is from paint applied before 1950.

There is severe risk from paint applied before 1960.

There is moderate risk from deteriorated paint applied before 1970.

There is slight risk from the paint that is intact but applied before 1977.

- The condition of the painted surfaces.
- The presence of children and certain types of households in the building.
- Previously reported cases of lead poisoning in the building or area.

The recommended HUD guideline for LBP is 0.5 percent lead by weight and recommends that the potential environmental risk for LBP should be evaluated for structures constructed in 1978 or earlier. URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions except where noted. Based on the date of construction (prior to 1945), and the generally run-down condition of the farmstead structures, building material of the subject property farmsteads in Section 28 and Section 33 may contain LBP. Painted surfaces that are in good condition do not require any action. However, if the painted surfaces are abated, certain waste disposal practices are required.

Suspect paint should be formally assessed by a certified lead materials inspector prior to any renovation or demolition that may disturb such materials (unless those materials are handled as LBP). Activities that may disturb confirmed LBP should be handled under the supervision of a certified lead materials inspector.

### **2.3.19 Radon**

A U.S. Environmental Protection Agency (USEPA) survey by county and state of indoor radon concentrations indicated the radon zone level for San Luis Obispo County, California is 2. Zone 2 areas are predicted to have an indoor radon screening potential greater than 2.0 pico Curies per liter of air (pCi/l) and less than 4 pCi/l for the general area of the subject property. The USEPA action level for radon is 4.0 pCi/l. Therefore, further assessment for radon appears unwarranted.

### **2.3.20 Water Intrusion and Mold Growth**

URS staff did not observe the interiors of any privately-owned structures to assess the potential for recognized environmental conditions except where noted. The farmsteads on both Section 28 and Section 33 were abandoned and in a state of general disrepair and dilapidation. Several

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

structures have collapsed, or have partially collapsed roofs, and there is significant water damage to the structure interiors at both locations.

### **2.3.21 Other Concerns**

No other environmental concerns were noted at the time of the site visit.

## **2.4 SITE VICINITY AND ADJACENT PROPERTIES**

The site is located within an area that is primarily developed for agriculture and rural residences in a remote portion of eastern San Luis Obispo County, California (Figure 2). In general, prominent adjoining land uses are as follows:

North: The site is bordered to the north by land historically used for livestock grazing and dry-land grain farming. A rural residence with several outbuildings was observed on land north of the subject property. There appeared to be an abandoned grainery including a metal shed and grain elevator located just north of the northeast corner of Section 28. An area where several abandoned camping trailers and mobile homes were stored was observed north of the northern boundary of Section 28. A high-voltage electric transmission tower line lies along the entire northern boundary of the subject property.

South: The site is bordered to the south by land historically used for livestock grazing and dry-land grain farming. A rural residence with several outbuildings was observed on land south of the subject property.

East: The site is bordered to the east by land historically used for livestock grazing and dry-land grain farming. Carrisa Highway (State Route 58) lies along the east boundary of Section 33 and turns to the west along the north boundary of Section 33, between Section 33 and Section 28. The Carrizo Plains Elementary School is located across Carrisa Highway from the southeast corner of Section 33.

West: The site is bordered to the south by land historically used for livestock grazing and dry-land grain farming.

## **2.5 HISTORICAL USE**

URS reviewed readily available historical data pertaining to the subject property. These references were reviewed for evidence of activities that would suggest the potential presence of hazardous substances at the subject property and to evaluate the potential for the subject property

to be impacted by offsite sources of contamination. The following subsections are a summary of the review.

### **2.5.1 Historic Sanborn Fire Insurance Maps**

Sanborn Fire Insurance maps are compiled from data sources in and around populated areas. Because of the isolated, rural nature of the subject property, Sanborn Fire Insurance maps were not available for the subject property and vicinity.

### **2.5.2 Historic USGS Topographic Maps**

URS reviewed the U.S. Geological Survey (USGS) 7.5-minute maps California Valley-1966, La Panza NE-1973, Simmler-1982, and Las Yeguas Ranch-1973 provide topographic map coverage of the site vicinity. The following is a summary of the review.

In all of the topographic maps, the subject property and surrounding area are depicted as agricultural or undeveloped land. Carrisa Highway (State Route 58) is shown in the areas to the west and south. Various unimproved roads are shown crossing the site vicinity. The Carrizo Plains School, the Carrizo Plains Substation, and several rural residences are the only cultural features depicted on, or in the vicinity of the subject property.

### **2.5.3 Historic Aerial Photographs**

The general type of activity and land use can often be discerned from the type and layout of structures visible in an aerial photograph; however, specific elements of a site operation cannot normally be determined from the photographs. With this in mind URS reviewed historical aerial photographs dated 1956, 1963, 1978, 1989, 1994, and 2002 that were provided by EDR. A copy of the EDR Aerial Photo Decade Package is included in Appendix B. The following is a summary evaluation of the historic aerial photographs and sources.

1956 The subject property and surrounding area appear to be vacant or developed as farmland. Cultivated land appears to be grain fields. Carrisa Highway (State Route 58) is visible in its present day location. The farmsteads currently located on Section 28 and Section 33 are visible in the 1956 photograph. A small ponding basin appears east of the farmstead in Section 28. Two structures interpreted to be the present day Carrizo Plains School are visible across Carrisa Highway from the southeast corner of Section 33. An unnamed seasonal stream appears to meander diagonally from northwest to southeast across Section 33. The present day Carrizo Plains Substation and the high voltage P.G. and E. electrical power line are visible along the northern boundary of the subject property.

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

- 1963 With the exception of crop re-configuration and the addition of a third structure at the Carrizo Plains School the subject property and surrounding areas appear as they did in 1956 photograph.
- 1978 The subject property and surrounding area appear as they did in previous photographs.
- 1989 Cultural features in the 1989 photograph on Section 28 and Section 33 appear unchanged from previous photographs. In the northwestern quarter of Section 27 multiple rows and columns of objects interpreted to be solar panels used by the former Carrizo Solar Power Corporation are visible. Objects in the southern end of the solar panel array appear larger than the objects in the northern portion. A rectangular structure is visible at the northeast corner of the solar panel array. The remainder of Section 27 appears to be vacant.
- 1994 The 1994 aerial photograph is similar to the 1989 photograph. All of Section 33 around the farmstead appears to be planted in grain. Approximately half of Section 28 around the farmstead appears to be planted in grain. There appear to be fewer structures on the Section 28 farmstead than in previous photographs. Section 27 appears as in the 1989 photograph.
- 2002 Section 33 appears to be vacant with the exception of the farmstead, and no crops are visible. Section 28 and the vicinity appear developed as in the 1994 photograph. The objects interpreted in previous photographs to be solar panels in Section 27 have been removed. The substation and the rectangular structure near the northeast corner of the former solar panel array are still visible. The subject property, adjacent properties, and surrounding areas are generally developed as at present.

#### **2.5.4 EDR Well Search Report**

URS reviewed the results of the EDR Well Database Search Report in order to identify past and current well information for the subject property and surrounding area that may have had the potential to generate hazardous materials. A copy of the EDR Well Database Search Report is included in Appendix B. Summary of the results of the EDR Database Search Report:

- Federal Database Well Information            No wells found
- State Water Well Information                No wells found
- Public Water Supply System Information    No wells found
- State Oil/Gas Well Information              8 wells found

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

Eight wells or coreholes were identified within the search radius specified for the subject property. Only one well or corehole is located within one mile of the subject property. One corehole installed by Shell Oil Company (Well No. 71-5) is located approximately 0.5 mile southwest of the southwest corner of Section 33.

Additionally, URS reviewed the Munger Map Book of Oil and Gas Fields (Munger, 1994) and submitted an inquiry to the California Division of Oil, Gas, and Geothermal Resources (DOGGR) database of oil and gas maps to review oil and gas exploration in the vicinity of the subject property ([http://www.consrv.ca.gov/DOG/maps/index\\_map.htm](http://www.consrv.ca.gov/DOG/maps/index_map.htm)). These two additional searches confirmed the EDR Well Search information.

### **2.5.5 Title Records**

No title records were provided to URS for review. Through the San Luis County Tax Assessor URS confirmed the following current property owners:

APN 072-101-010 (Section 27)	Title is vested in Pacific Gas and Electric Company. Dates of record or not known.
APN 072-101-023 (Section 27)	Title is vested in Pacific Gas and Electric Company. Deed dated July 29, 1983, deed recorded August 11, 1983, Grant Deed instrument number 37562.
APN 072-091-001 (Section 28)	Title is vested in Robert G. Lewis and Alberta A. Lewis, Trustees of the Robert G. Lewis Family Trust, an undivided half interest; and William R. Cochrane, Jr. and Susan A. Cochrane, an undivided half interest. Deed dated June 30, 2005, deed recorded July 15, 2005, Grant Deed instrument number 2005058082.
APN 072-091-010 (Section 33)	Title is vested in Ann Jopling, an undivided 1/3 interest; Linda Gwen Lowery, an undivided 1/3 interest; and John M. Lowery, Trustee of the Peter G. Lowery Family Trust, an undivided 1/3 interest. Deed dated December 22, 2006, deed recorded December 27, 2006, Grant Deed instrument number 2006090894.

According to the San Luis Obispo County Assessor, no information regarding previous owners of the subject property was readily available.

### **2.5.6 Environmental Liens or Activity and Use Limitations**

Site representative Mr. Sohler Dane indicated that, to the best of his knowledge, there are no environmental liens or activity and use limitations associated with the subject property. The subject property was not identified in the NPL Recovery (Federal Superfund Liens) database in the EDR report. URS requested EDR to perform an Environmental Lien Search for the subject

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

property. Results of the EDR Lien Search indicate that there are no environmental liens associated with parcels with APNs 072-101-023, 072-091-001, and 072-091-010. Record information for the parcel with APN 072-101-010 could not be located by EDR. A copy of the EDR Environmental Lien Report is included in Appendix B.

### **2.5.7 Valuation Reduction for Environmental Issues**

Available information does not indicate that the property value of the site has decreased due to environmental issues.

### **2.5.8 Summary of Historical Data**

Historical data dates back to 1920 and indicates that the subject property has been used for agriculture, rural residences, and the former Carrizo Solar Power Corporation operations since that time. The farmstead and associated outbuildings on Section 33 were constructed in 1942 to 1945. The farmstead and associated outbuildings on Section 28 were constructed in 1928 to 1948, with the original barn constructed in 1920. The former Carrizo Solar Power Corporation solar collection panels and operations building were constructed in 1983/84 and removed when operations ceased in about 1997. A 2000-gallon diesel underground storage tank was removed in 1994.

No historical data gaps were identified during URS' review of historical uses of the subject property.

### **3.0 PHYSICAL SETTING**

URS reviewed pertinent maps and readily available literature for information on the physiography and hydrogeology of the site. A summary of this information is presented in the following subsections.

#### **3.1 TOPOGRAPHY**

The Carrizo Plain is a nearly level valley about 40 miles long and 8 miles wide at its widest point. Elevation in the valley ranges from 1,900 feet msl at Soda Lake to 2,100 feet msl.

The site is located in three sections of land encompassing approximately 1920 acres designated as Sections 27, 28, and 33 of Township 29 South, Range 18 East, MDB&M. The U.S. Geological Survey (USGS) 7.5-minute maps California Valley-1966, La Panza NE-1973, Simmler-1982, and Las Yeguas Ranch-1973 provide topographic map coverage of the site vicinity. According to the topographic maps, the elevation of the site ranges from approximately 1,990 feet above mean sea level (msl) in the southeast corner of Section 33 to approximately 2,060 feet msl in the northeast corner of Section 27.

Site topography generally slopes towards the southwest in Section 27, Section 28, and the northeast half of Section 33 and to the northeast in the southwest half of Section 33. Thus, drainage in the area of the subject property is to an unnamed seasonal stream that generally bisects Section 33 from the northwest to the southeast. According to the EDR Report (Appendix B), the seasonal stream located on Section 33 is located within a 100-year flood zone. The closest body of water is a desert-type playa lake, Soda Dry Lake, and subject to seasonal flooding. Soda Dry Lake is located approximately 10 miles southeast of the subject property and is included in the Carrizo Plain National Monument. The Carrizo Plain National Monument is discussed further in Section 2.3.16 above.

#### **3.2 AREA GEOLOGY AND HYDROGEOLOGY**

The Carrizo Plain Area and the subject property are located in an isolated part of San Luis Obispo County. The area is isolated from the west by the La Panza Mountains and from the east by the Temblor Mountains. As a result of physical isolation and the arid and semi-arid climate, the area has only been sparsely populated. The Carrizo Plain Area is within the southern Coast Ranges physiographic region. The most prominent geologic feature in the vicinity of the subject property is the San Andreas Fault, which is located approximately 5 miles east of the subject property. The fault passes through the foothills of the Temblor Range at the northeast boundary of the Carrizo Plain (Vinson and Oster, 2003).

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

Department of Water Resources Bulletin 118 provides an overview of the Carrizo Plain Groundwater Basin. In summary, groundwater is found in alluvium and the Paso Robles and Morales Formations. The upper Pleistocene to Holocene alluvium consists of unconsolidated to loosely consolidated sands, gravels, and silts with a few beds of compacted clays. The Pleistocene Paso Robles Formation consists of poorly sorted, mostly loosely consolidated gravels, sands, and silts. The upper Pliocene Morales Formation consists of sands, gravels, and silts, which generally are more stratified and compacted than those in the overlying Paso Robles Formation. Recharge of the basin is largely by percolation of stream flow and infiltration of rainfall to the valley floor. The average annual precipitation ranges from 7 to 9 inches. It should be noted that anecdotal reports indicate annual precipitation can be as low as 0 to 1 inch during drought periods (DWR, 2004).

The USDA Natural Resources Conservation Service soil survey for the area indicates that in the Carrizo Plain, aquifers containing fresh groundwater are in the Quaternary alluvium, the Paso Robles Formation, and the Morales Formation. The Quaternary alluvium is up to several hundred feet thick but has limited productivity and may contain brackish and poor quality groundwater due to dissolved sodium salts. The Paso Robles Formation is more than 3,000 feet thick near the San Andreas Fault and thins westward. The formation stores and transmits water readily, and wells that tap it have been very productive, producing fair to good quality water. The Morales Formation ranges in thickness from a few feet to more than 3,000 feet thick. Most of the groundwater contained in the Morales Formation is brackish and of poor quality, but there are pockets containing fresher water that is suitable for livestock and irrigation (Vinson and Oster, 2003).

## **4.0 AGENCY RECORDS REVIEW**

URS reviewed readily available records regarding past and current site use, contacted applicable agencies regarding potential environmental concerns at the site, and reviewed the agency database list search for potential environmental concerns at surrounding properties. The information obtained during the records review is provided in the following sections.

### **4.1 DATABASE LIST SEARCH**

URS contracted an environmental database firm, Environmental Data Resources, Inc. (EDR) of Milford, Connecticut, to conduct a search for facilities listed by regulatory agencies as potentially having environmental concerns. Because of the size of the subject property area URS requested an Area Study rather than a typical Radius Map Search. The study was requested for a distance of one-mile from any given subject property boundary, which meets or exceeds ASTM standards. The EDR Area Study of the subject property and vicinity was requested to assess whether activities on or near the subject property have the potential to create RECs at the subject property. The complete list of databases reviewed is provided in the EDR Database Report, included as Appendix B, and is summarized in the Table presented in Section 4.1.2. It should be noted that this information is reported as URS received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either URS or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The databases searched and the information obtained is summarized in Sections 4.1.1 and 4.1.2.

#### **4.1.1 Site**

The former Carrizo Solar Corporation on Section 27 of the subject property was identified in the agency databases searched by EDR. The site appears on the HAZNET, RCRA-SQG, and FINDS databases. According to the EDR database search report there were no violations reported. The HAZNET materials and manifest data listed with the approximate amount of material removed from the site include:

- Unspecified oil-containing waste                      0.2085 tons
- Other organic solids    2.0 tons
- Other inorganic solid waste                                      1,302.9160 tons
- Contaminated soil from site clean-ups                      16.8560 tons

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

- Other organic solids 33.71 tons
- Other organic solids 67.42 tons

The EDR report indicates that two additional HAZNET records are available however were not included in the database report.

Documents obtained from the San Luis Obispo County Health Department Division of Environmental Health indicate that the 2000-gallon diesel underground storage tank was removed from the site and that subsequent soil sampling in the former tank pit yielded no residual contamination. The case was closed in 1994. It should be noted that the Carrizo Solar Corporation also appears on the HAZNET database as the Carrizo Solar Plant, which accounts for both of the HAZNET database search results. The Carrizo Solar Plant was taken out of service and the equipment was removed prior to 1997.

#### 4.1.2 Offsite

The following table summarizes the number of facilities in the site vicinity that were identified in the indicated agency databases within the indicated survey distances.

<b>TABLE 1</b>		
<b>AGENCY DATABASE</b>	<b>STUDY DISTANCE</b>	<b>NUMBER OF SITES IDENTIFIED</b>
United States Environmental Protection Agency (EPA) National Priority List (NPL) for Superfund Sites	1.0 mile	0
U.S. Proposed NPL List	1.0 mile	0
U.S. National Priority List Deletions (Delisted NPL) List	1.0 mile	0
NPL Recovery List (Federal Superfund Liens)	1.0 mile	0
U.S. EPA Comprehensive Environmental Response, Compensation and Liability Index System (CERCLIS) List	1.0 mile	0
U.S. EPA CERCLIS – No Further Remedial Action Planned (CERCLIS-NFRAP)	1.0 mile	0
U.S. EPA Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) List	1.0 mile	0
U.S. EPA RCRA Permitted Treatment, Storage, and Disposal (TSD) Facilities	1.0 mile	0
U.S. EPA RCRA Registered Large Generators of Hazardous Waste (RCRIS LQG)	1.0 mile	0
U.S. EPA RCRA Registered Small Generators of Hazardous Waste (RCRIS SQG)	1.0 mile	<b>1</b>
U.S. EPA Emergency Response Notification System (ERNS) List	1.0 mile	0

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

<b>TABLE 1</b>		
<b>AGENCY DATABASE</b>	<b>STUDY DISTANCE</b>	<b>NUMBER OF SITES IDENTIFIED</b>
U.S. Hazardous Materials Incident Reporting System (HMIRS)	1.0 mile	0
U.S. Engineering Controls Sites (ENG Controls) List	1.0 mile	0
U.S. Sites with Institutional Controls (INST Controls) List	1.0 mile	0
U.S. Record of Decision (ROD) List	1.0 mile	0
U.S. Facility Index System/Facility Registry System (FINDS)	1.0 mile	<b>3</b>
State Hazardous Waste Sites	1.0 mile	0
State Permitted Solid Waste Landfill, Incinerators or Transfer Stations (SWF/LF) List	1.0 mile	0
State Leaking Underground Storage Tank (LUST) List	1.0 mile	0
State Hazardous Substance Storage Container (HIST UST) List	1.0 mile	<b>1</b>
State Recycling Facility (SWRCY) List	1.0 mile	0
State Underground Storage Tanks (UST) List	1.0 mile	0
State Aboveground Storage Tanks (AST) List	1.0 mile	0
State facility and Manifest Data (HAZNET) List	1.0 mile	<b>2</b>
State Voluntary Cleanup Program (VCP)	1.0 mile	0
State Underground Storage Tanks on Indian Land (Indian UST)	1.0 mile	0
State Leaking Underground Storage Tanks on Indian Land (Indian LUST)	1.0 mile	0
Other Local, State, and/or Federal Databases including, but not limited to, Brownfield listings, Current and Former Department of Defense Sites, Consent Decrees, Records of Decision, Deed Restrictions, Hazardous Materials or Waste Tracking Systems and Facility Registries, and Enforcement Activities (see EDR report for complete listing of databases and search radii)	1.0 mile	0

Groundwater is presumed to flow in a west-southwesterly direction toward an unnamed creek that bisects Section 33 from the northwest to southeast (see Section 3.1 and 3.2 above). EDR-listed facilities located adjacent to or hydraulically upgradient from the site with respect to the inferred groundwater flow direction are discussed below. EDR-listed properties interpreted as hydraulically downgradient or cross-gradient from the subject property relative to groundwater flow direction are in our opinion unlikely to impact the subject property with hazardous materials and are therefore not discussed below. The location of these sites is shown on the radius maps accompanying the EDR Report (Appendix B). Numbers in parentheses in the following paragraphs refer to the map identification numbers provided in the EDR radius maps and report.

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

- **Carrizo Plains School (FINDS) (2)** and the **Goodwin Ranch (HIST UST) (3)**. The San Luis Obispo County Health Department Division of Environmental Health lists these sites as closed cases. These sites are unlikely to pose a threat to the subject property. It should be noted that the Carrizo Plains School also appears on the FINDS database search list as Carrizo Plains Elementary, which accounts for 2 of the 3 FINDS database search results.
- Other nearby sites listed in the EDR database “Orphan Summary” were either sites where underground storage tanks had been removed and are located at such a distance that any associated impact to the site would be unlikely, or were cases which have been closed or are considered “soils only” cases by the overseeing agency, indicating that the sites are unlikely to pose a threat to the subject property.

No offsite properties in the subject property vicinity were identified in the EDR Proprietary Historical Database. No other facilities identified in the EDR Report within one mile of the subject property.

A full summary of agency databases can be found in the EDR Database Report provided as Appendix B.

#### **4.2 AGENCY CONTACTS**

During the performance of an environmental assessment, state and local regulatory agencies having jurisdiction over the subject property are contacted to assess the following information: the status of relevant environmental permits; whether there has been any violations, or other similar correspondence from such agencies; whether any corrective action or remediation is planned, currently taking place, or has been completed at the subject property; whether there have been any reported violations or complaints that the subject property is not in compliance with environmental laws, regulations, or standards, and whether the subject property is under investigation for such non-compliance; whether the subject property is listed on any of the regulatory databases; and whether there is any other pertinent documentation on file with such regulatory agencies regarding the subject property or surrounding sites of concern. The following responses were received from the regulatory agencies. These responses are discussed further in the appropriate sections of this ESA report.

- The California Department of Toxic Substances Control (DTSC) provided written responses to URS’ inquiry indicating that there were no records on file for addresses associated with the subject property. Response letters from the DTSC are included in Appendix D.

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

- URS contacted the California Regional Water Quality Control Board (RWQCB) regional office in San Luis Obispo, California regarding records on file for the subject property or adjacent properties. Ms. Sue Gerdson, RWQCB Office Assistant, responded by phone and stated that the RWQCB does not have any open cases in the Carrizo Plain area of San Luis Obispo County. As a follow-up to the RWQCB phone conversation, URS also submitted an inquiry to the RWQCB GeoTracker web page (<http://www.geotracker.waterboards.ca.gov/>) for additional information. No cases were cited in the GeoTracker database at or near the subject property.
- URS submitted an inquiry to the California Department of Pesticide Regulation database of the registered and certified users program (<http://www.cdpr.ca.gov/index.htm>). Results of this database search are included in Section 2.3.9 above.
- URS submitted an inquiry to the California Division of Oil, Gas, and Geothermal Resources (DOGGR) database of oil and gas maps to review oil and gas exploration and production that has occurred on, or in the vicinity of, the subject property ([http://www.consrv.ca.gov/DOG/maps/index\\_map.htm](http://www.consrv.ca.gov/DOG/maps/index_map.htm)). Results of this database search are included in Section 2.5.4 above.
- The San Luis Obispo County Public Health Department, Environmental Health Services provided URS with a list of all the sites in the vicinity of the subject property with active and inactive case files. URS reviewed the list and requested further review of pertinent files to assess if those sites had the potential to negatively impact the subject property. A copy of the file regarding the removal and closure of a 2,000-gallon diesel UST at the former Carrizo Solar Power Corporation site on the subject property was provided to URS. The UST removal is discussed further in Section 2.3.2 above.
- URS contacted the San Luis Obispo County Building and Planning Department for information on building permits that may exist on file for the subject property. Department staff Ms. Terry Goetz responded by phone that any construction that predated the early 1960s did not require a permit. The only records on file for the subject property were issued to the Carrizo Solar Power Corporation in 1983/84 for the construction of an operations/control building on parcel APN 072-101-023 in Section 27.
- URS contacted the San Luis Obispo County Assessor's Office for information on records that may exist on file for the subject property. Mr. Randy Schuldt, Real Estate Appraiser, responded by phone with information on construction dates for the farmsteads in Section

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

28 and Section 33, and with information on construction and removal dates for the structures associated with the former Carrizo Solar Power Corporation operations. These responses are discussed further in the appropriate sections of this ESA report.

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

**5.0 PREVIOUS REPORTS**

No previous reports were provided to URS for review.

## **6.0 CONCLUSIONS AND RECOMMENDATIONS**

Based on the scope of services performed for this Phase I ESA, no recognized environmental conditions were identified associated with the current or historical uses of the subject property. Although not considered recognized environmental conditions the following observations should be noted:

- Water wells on the subject properties that are abandoned have the potential to be a nuisance and may be a direct conduit for contamination to substrate aquifers. These wells should be destroyed in accordance with State and local regulations;
- Farmsteads on both Section 28 and Section 33 were abandoned and in a state of general disrepair and dilapidation. Several structures have collapsed and there is significant debris at both locations including several unused fuel and water storage ASTs, abandoned farm equipment, and a collapsed septic tank on Section 33. While not necessarily an “environmental” concern these conditions have the potential to become health and safety hazards and should be addressed.
- Pole-mounted transformers were observed near the rural farmsteads on Section 28 and Section 33. The reported construction date for these structures was as early as 1920 and in most cases were circa the early 1940s. URS was unable to assess the respective ages of the respective transformer units. Therefore, the potential for PCBs in the observed transformers exists. No “Non-PCB” labeling was observed on these transformers.
- One full 30-gallon drum of unknown contents was observed on the east side of a former machine shop at the farmstead on Section 28. Two other unmarked, partially full 55-gallon drums were observed inside an open storage shed south of the machine shop. None of these drums appeared to be leaking. These, and any other suspect containers discovered on the subject property with unknown contents, should be assessed and removed by a qualified hazardous materials handler to mitigate any potential unauthorized release of the contents.
- Based on the date of construction (prior to 1945) building material of the subject property farmhouses and/or outbuildings in Section 28 and Section 33 may contain asbestos or lead-based paint. URS did not conduct a formal survey for the presence of these materials. Suspect asbestos-containing materials (ACMs) should be formally assessed by a certified asbestos consultant prior to any renovation or demolition that may disturb such materials (unless those materials are handled as ACM). Confirmed ACMs

**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

should be handled by a licensed asbestos contractor and appropriately disposed. Suspect paint should be formally assessed by a certified lead materials inspector prior to any renovation or demolition that may disturb such materials (unless those materials are handled as LBP). Activities that may disturb confirmed LBP should be handled under the supervision of a certified lead materials inspector.

**7.0 PREPARER SIGNATURES AND QUALIFICATIONS**

This section includes qualification statements of the environmental professionals responsible for conducting the ESA and preparing this report.

The site reconnaissance was conducted by Mr. Frank Gegunde, P.G., R.E.A., of the URS office in Fresno, California. Mr. Gegunde has over six years of experience in environmental site investigations, characterizations, and assessments. Mr. Gegunde also conducted the file reviews and report writing.

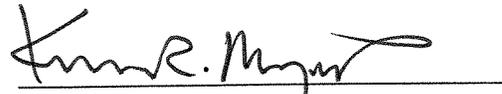
The work conducted and the report written by Mr. Gegunde was reviewed by Mr. Kurt Myers, P.G., C.E.G., with over 20 years experience in the environmental field, including 17 years experience with Phase I Environmental Site Assessments.

Mr. Gegunde declares that, to the best of his professional knowledge and belief, he meets the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

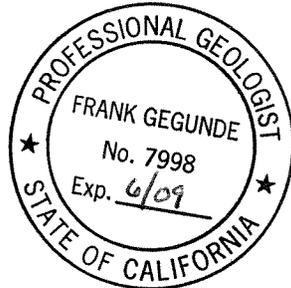
Mr. Gegunde has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. With the assistance of Mr. Myers, he has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Frank L. Gegunde, P.G., R.E.A.  
Senior Geologist



Kurt R. Myers, P.G., C.E.G.  
Principal Geologist



**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

**8.0 REFERENCES**

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- California Department of Pesticide Regulation. 2007. Database of registered and certified users program. From their web page: <http://www.cdpr.ca.gov/index.htm>
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- Munger. 1994. Map Book of California – Alaska Oil and Gas Fields. Thirty-Eighth Addition, Averill H. Munger, Editor. June.
- USEPA Federal Register, Vol. 70, No. 210. 2005. Standards and Practices for All Appropriate Inquiries; Final Rule (40 CFR Part 312). November.
- USEPA California Map of Radon Zones <http://www.epa.gov/iaq/radon/zonemap.html>.
- United States Geological Survey (USGS), 7.5-Minute Series Topographic Quadrangle Maps: California Valley-1966, La Panza NE-1973, Simmler-1982, Las Yeguas Ranch-1973.

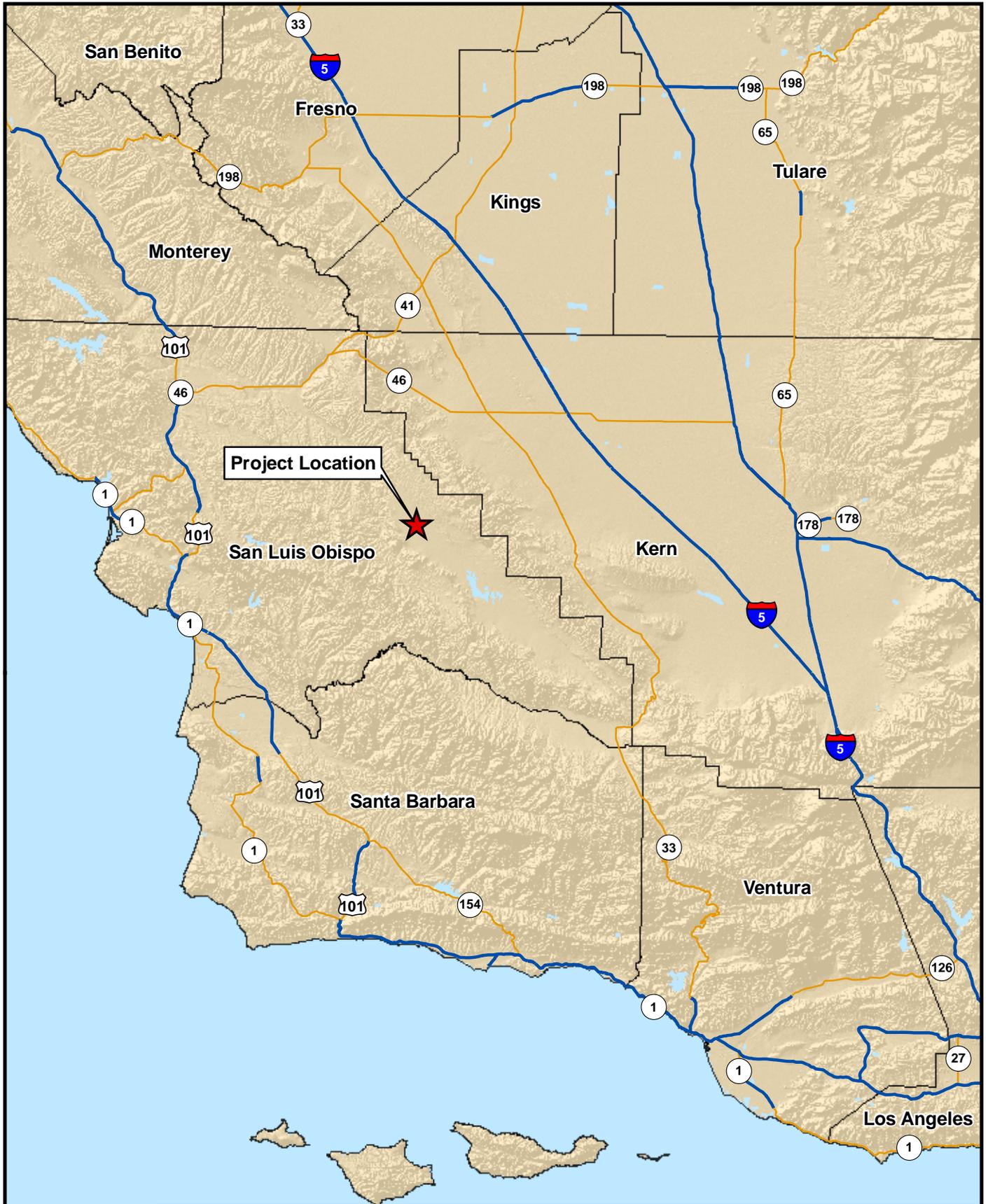
**REPORT - PHASE I ENVIRONMENTAL SITE ASSESSMENT  
AUSRA - CARRIZO SOLAR POWER PROJECT, SANTA MARGARITA, CA**

United States Geological Survey (USGS). 2004. The Carrizo Plain National Monument: A Three-Dimensional Tour. From the web page: <http://3dparks.wr.usgs.gov/carrizo/>

Vinson, E.N., and Oster, K. 2003. Soil Survey of San Luis Obispo County, California, Carrizo Plain Area, USDA Natural Resources Conservation Service, 2003.

## **FIGURES**

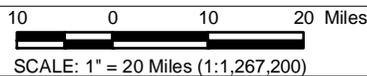
Path: G:\gis\projects\1577\22239320\mxd\general\_vicinity\_map.mxd, 08/07/07, jamie\_ryholt



SOURCES: ESRI (Elevations, Counties, Roads various dates).

**VICINITY MAP  
AUSRA CARRIZO SOLAR FARM (ACSF)**

**CONFIDENTIAL**



CREATED BY: JN

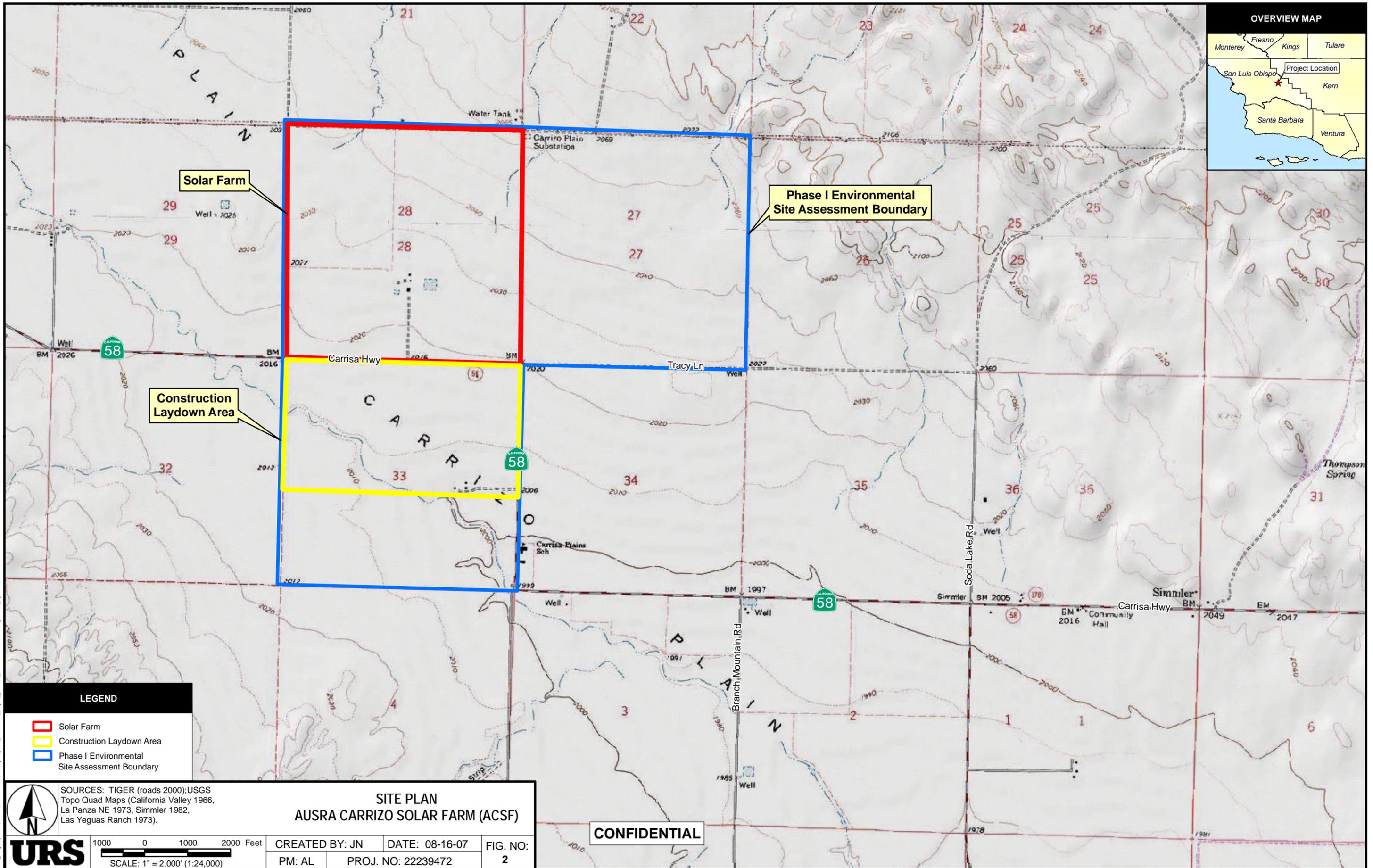
DATE: 08-07-07

FIG. NO:

PM: PM

PROJ. NO: 22239320.01000

1



Solar Farm

Phase I Environmental Site Assessment Boundary

Construction Laydown Area

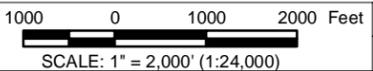
**LEGEND**

- Solar Farm
- Construction Laydown Area
- Phase I Environmental Site Assessment Boundary

SOURCES: TIGER (roads 2000); USGS Topo Quad Maps (California Valley 1966, La Panza NE 1973, Simmler 1982, Las Yeguas Ranch 1973).

**SITE PLAN  
AUSRA CARRIZO SOLAR FARM (ACSF)**

**CONFIDENTIAL**



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**APPENDIX A**  
**SITE PHOTOGRAPHS**



# PHOTOGRAPHIC LOG

Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**1**

**Section**  
**27**

**Direction Photo Taken:**

Looking west

**Description:**

The northern boundary of Section 27. Note the Two electric power transmission lines that lay along the entire boundary.



**Photo No.**  
**2**

**Section**  
**27**

**Direction Photo Taken:**

Looking south

**Description:**

The eastern boundary of Section 27.





# PHOTOGRAPHIC LOG

Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**3**

**Section**  
**27**

**Direction Photo Taken:**

Looking southwest

**Description:**

There is an approximately 8000 – square foot metal shop and storage building located at the northern end of Section 27. The plastic water storage tank was apparently used for fire prevention and suppression. The metal building appears to be empty and abandoned. There is an 8-foot high chain link fence that surrounds the structure limiting access.



**Photo No.**  
**4**

**Section**  
**27**

**Direction Photo Taken:**

Looking south

**Description:**

West of the metal building on Section 27 there is a large area surrounded by an 8-foot high chain link fence. This area was apparently the location of the former Carrizo Solar Power Company Solar panel array.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
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**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**5**

**Section**  
**27**

**Direction Photo Taken:**

Looking southeast

**Description:**

Carrizo Plains Substation located in the northwest corner of Section 27.



**Photo No.**  
**6**

**Section**  
**27**

**Direction Photo Taken:**

Looking east

**Description:**

Middle of Section 27. Note the southern end of the chain link fence that apparently enclosed the former Carrizo Solar Power Company solar panel array.





# PHOTOGRAPHIC LOG

Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
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**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**7**

**Section**  
**28**

**Direction Photo Taken:**

Looking west

**Description:**

Northern boundary of Section 28. Note electric transmission tower lines.



**Photo No.**  
**8**

**Section**  
**28**

**Direction Photo Taken:**

Looking south

**Description:**

Western boundary of Section 28.





# PHOTOGRAPHIC LOG

Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
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**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**9**

**Section**  
**28**

**Direction Photo Taken:**

Looking west

**Description:**

Southern boundary of Section 28. Note State Route 58 (Carrisa Highway) on the left. Section 33 of the subject property is beyond State Route 58.



**Photo No.**  
**10**

**Section**  
**28**

**Direction Photo Taken:**

Looking north

**Description:**

A gravel road lies between Section 27 (right) and Section 28 (left). The road accesses rural property and residences north of the subject property. It is also the access to the Carrizo Plains Substation (Photo No. 5) and the metal building on Section 28 (Photo No. 3)





# PHOTOGRAPHIC LOG

Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**11**

**Section**  
**28**

**Direction Photo Taken:**

Looking south

**Description:**

Entrance from State Route 58 to the abandoned farmstead on Section 28. Section 33 of the subject property is in the background.



**Photo No.**  
**12**

**Section**  
**28**

**Direction Photo Taken:**

Looking north

**Description:**

Driveway to the abandoned farmstead on Section 28.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
 Carrisa Highway (State Route 58)  
 Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**13**

**Section**  
**28**

**Direction Photo Taken:**

Looking northeast

**Description:**

Several abandoned wood-frame structures are located at the farmstead near the center of Section 28.



**Photo No.**  
**14**

**Section**  
**28**

**Direction Photo Taken:**

Looking south

**Description:**

Most of the structures on Section 28 are dilapidated. Note the above ground storage tanks in the right-center of the frame. The tank on the stand was empty at the time of URS' site visit, however appeared to have been used for diesel storage at one time. The dark green poly tank is an empty water storage tank.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
 Carrisa Highway (State Route 58)  
 Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
 22239472.01100  
**Date:** 6/21/07

**Photo No.**  
**15**

**Section**  
 28

**Direction Photo Taken:**

Looking southwest

**Description:**

View inside a former machine shop. Note the broken glass and debris.



**Photo No.**  
**16**

**Section**  
 28

**Direction Photo Taken:**

Looking north

**Description:**

One of several collapsed structures at the farmstead. This building is located on the western edge of the former farmstead complex. Note the empty 55-gallon drums in the left center of the frame.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**17**

**Section**  
**28**

**Direction Photo Taken:**

Looking west

**Description:**

Another collapsed structure at the farmstead. Note the abandoned farming equipment and other debris in the center of the frame. Several other structures in the southeast corner of the farmstead complex appear to have burned down.



**Photo No.**  
**18**

**Section**  
**28**

**Direction Photo Taken:**

Looking north

**Description:**

Storage shed and other dilapidated structures. Not abandoned pole-mounted transformer.



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Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**

**Date:** 6/21/07

**Photo No.****19****Section****28****Direction Photo Taken:**

Looking southwest

**Description:**

Water production well with a non-functioning solar-powered pump system located in the southwest corner of the farmstead complex.

**Photo No.****20****Section****28****Direction Photo Taken:**

Looking southeast

**Description:**

One of two ponds presumably used for livestock watering or as pump sumps for irrigation. This one is located on the east side of the farmstead complex.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**21**

**Section**  
**28**

**Direction Photo Taken:**

Looking southwest

**Description:**

Second of two ponds used for livestock watering or irrigation. This one is located at the southwest corner of the farmstead complex near the non-functioning water production well.



**Photo No.**  
**22**

**Section**  
**28**

**Direction Photo Taken:**

Looking northwest

**Description:**

Empty and abandoned storage tanks located on the north side of the farmstead complex.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
22239472.01100**Date:** 6/21/07**Photo No.**  
**23****Section**  
**28****Direction Photo Taken:**

Looking southwest

**Description:**

Multiple containers were observed in the debris around the farmstead complex. This 30-gallon drum appeared to be full. The contents could not be identified. The drum is located at the east end of the former machine shop near the center of the farmstead complex.

**Photo No.**  
**24****Section**  
**28****Direction Photo Taken:**

Looking south

**Description:**

Drums of unknown liquid contents stored in a storage shed near the center of the farmstead complex.





# PHOTOGRAPHIC LOG

Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
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Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**25**

**Section**  
**33**

**Direction Photo Taken:**

Looking east

**Description:**

View along the southern boundary of Section 33 (in the left of the frame). The gravel road in the frame is not on the subject property.



**Photo No.**  
**26**

**Section**  
**33**

**Direction Photo Taken:**

Looking northwest

**Description:**

View of Section 33 from the southeast corner. Note the seasonal stream that trends northwest to southeast across the section.





# PHOTOGRAPHIC LOG

Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**27**

**Section**  
**33**

**Direction Photo Taken:**

Looking southeast

**Description:**

View of Section 33 from the northwest corner. Note the seasonal stream that trends northwest to southeast across the section.



**Photo No.**  
**28**

**Section**  
**33**

**Direction Photo Taken:**

Looking west

**Description:**

Entrance form State Route 58 to the farmstead on Section 33.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**29**

**Section**  
**33**

**Direction Photo Taken:**

Looking northwest

**Description:**

Two of three abandoned wood-frame residential structures in the farmstead complex.



**Photo No.**  
**30**

**Section**  
**33**

**Direction Photo Taken:**

Looking west

**Description:**

Entrance to one of three residential structures at the Section 33 farmstead.



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**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**31**

**Section**  
**33**

**Direction Photo Taken:**

Looking northwest

**Description:**

Entrance to the second of three residential structures.



**Photo No.**  
**32**

**Section**  
**33**

**Direction Photo Taken:**

Looking southwest

**Description:**

The third residential structure is located on the southern edge of the farmstead complex.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**

**Date:** 6/21/07

**Photo No.****33****Section**

33

**Direction Photo Taken:**

Looking north

**Description:**

Multiple outbuildings are located in the farmstead complex including this shop.

**Photo No.****34****Section**

33

**Direction Photo Taken:**

Looking north

**Description:**

Several outbuilding structures have collapsed. This building is located on the west side of the farmstead complex.



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**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**  
**Date:** 6/21/07

**Photo No.**  
**35**

**Section**  
**33**

**Direction Photo Taken:**

Looking northwest

**Description:**

Several structures that may have housed poultry or livestock were observed at the site.



**Photo No.**  
**36**

**Section**  
**33**

**Direction Photo Taken:**

Looking west

**Description:**

Grain tanks and water storage tanks located in the southwest corner of the farmstead complex. Note the abandoned mobile home in the right center of the frame.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**

**Date:** 6/21/07

**Photo No.****37****Section****33****Direction Photo Taken:**

Looking northwest

**Description:**

Water production well with a nonfunctioning pump system located near the middle of the farmstead complex. A windmill tower was observed to the southwest of the well, however none of the equipment was connected or in use.

**Photo No.****38****Section****33****Direction Photo Taken:**

Looking west

**Description:**

An above ground fuel storage tank and pump located adjacent south of the water production well near the middle of the farmstead complex. The tank appeared to be empty. There was no stained soil in the proximity of the tank.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
22239472.01100

**Date:** 6/21/07

**Photo No.**  
**39**

**Section**  
33

**Direction Photo Taken:**

Looking east

**Description:**

An above ground fuel storage tank located east of the water supply well. The tank appeared to be empty. There was no stained soil in the proximity of the tank.



**Photo No.**  
**40**

**Section**  
33

**Direction Photo Taken:**

Looking northeast

**Description:**

An empty propane tank located north of the water production well.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
 Carrisa Highway (State Route 58)  
 Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
 22239472.01100  
**Date:** 6/21/07

**Photo No.**  
**41**

**Section**  
 33

**Direction Photo Taken:**

Looking east

**Description:**

A pole mounted transformer located west of the primary residential structure and east of the water production well.



**Photo No.**  
**42**

**Section**  
 33

**Direction Photo Taken:**

Looking east

**Description:**

A collapsed septic tank located on the south side of the primary residential structures. In the frame are four views that include two sunken areas. One sunken area has a concrete slab over a portion of the depression. The other sunken area has been partially filled with tree limbs.



Ausra, Incorporated

**Proposed Ausra Carrizo Solar Farm**  
Carrisa Highway (State Route 58)  
Santa Margarita, San Luis Obispo County, California

**URS Project No.**  
**22239472.01100**

**Date:** 6/21/07

**Photo No.**  
**43**

**Section**  
**33**

**Direction Photo Taken:**

Looking north

**Description:**

Abandoned and dilapidated structures and equipment on the north end of the farmstead complex.



**Photo No.**  
**44**

**Section**  
**33**

**Direction Photo Taken:**

Looking west

**Description:**

View from the west end of the farmstead complex at more abandoned equipment.



<p>Ausra, Incorporated</p>	<p><b>Proposed Ausra Carrizo Solar Farm</b>          Carrisa Highway (State Route 58)          Santa Margarita, San Luis Obispo County, California</p>	<p><b>URS Project No.</b>          22239472.01100  <b>Date:</b> 6/21/07</p>
----------------------------	--	---

<p><b>Photo No.</b>  <b>45</b></p>	<p><b>Section</b>          33</p>
<p><b>Direction Photo Taken:</b></p> <p>Looking west</p>	
<p><b>Description:</b></p> <p>Abandoned Mobile home. The mobile home did not appear to be in use during URS' site visit.</p>	



<p><b>Photo No.</b>  <b>46</b></p>	<p><b>Section</b>          33</p>
<p><b>Direction Photo Taken:</b></p> <p>Looking southeast</p>	
<p><b>Description:</b></p> <p>This area in the southeast corner of the farmstead complex appears to have been the site of a mobile home pad or demolished wood-frame structure. Visible in the frame are water and gas pipes protruding from the ground. A concrete slab is located behind the trees in the left of the frame.</p>	



**APPENDIX B**  
**EDR REPORTS**



**EDR**® Environmental  
Data Resources Inc

## **EDR DataMap<sup>®</sup> Area Study**

**Carrizo Solar Power Project  
Santa Margarita, CA 93453**

**June 26, 2007**

**Inquiry number 01957431.1r**

### **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

#### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR).

### TARGET PROPERTY INFORMATION

#### ADDRESS

SANTA MARGARITA, CA 93453  
SANTA MARGARITA, CA 93453

### 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

<b>NPL</b>	National Priority List
<b>Proposed NPL</b>	Proposed National Priority List Sites
<b>Delisted NPL</b>	National Priority List Deletions
<b>NPL LIENS</b>	Federal Superfund Liens
<b>CERCLIS</b>	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b>	CERCLIS No Further Remedial Action Planned
<b>CORRACTS</b>	Corrective Action Report
<b>RCRA-TSDF</b>	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b>	Resource Conservation and Recovery Act Information
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>LIENS 2</b>	CERCLA Lien Information
<b>RADINFO</b>	Radiation Information Database
<b>US CDL</b>	Clandestine Drug Labs
<b>HIST FTTS</b>	FIFRA/TSCA Tracking System Administrative Case Listing
<b>ICIS</b>	Integrated Compliance Information System
<b>LUCIS</b>	Land Use Control Information System
<b>DOT OPS</b>	Incident and Accident Data

## EXECUTIVE SUMMARY

<b>PADS</b> .....	PCB Activity Database System
<b>MLTS</b> .....	Material Licensing Tracking System
<b>MINES</b> .....	Mines Master Index File
<b>RAATS</b> .....	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>HIST Cal-Sites</b> .....	Historical Calsites Database
<b>CA BOND EXP. PLAN</b> .....	Bond Expenditure Plan
<b>SCH</b> .....	School Property Evaluation Program
<b>Toxic Pits</b> .....	Toxic Pits Cleanup Act Sites
<b>SWF/LF</b> .....	Solid Waste Information System
<b>CA WDS</b> .....	Waste Discharge System
<b>WMUDS/SWAT</b> .....	Waste Management Unit Database
<b>Cortese</b> .....	"Cortese" Hazardous Waste & Substances Sites List
<b>SWRCY</b> .....	Recycler Database
<b>LUST</b> .....	Geotracker's Leaking Underground Fuel Tank Report
<b>CA FID UST</b> .....	Facility Inventory Database
<b>SLIC</b> .....	Statewide SLIC Cases
<b>UST</b> .....	Active UST Facilities
<b>AST</b> .....	Aboveground Petroleum Storage Tank Facilities
<b>LIENS</b> .....	Environmental Liens Listing
<b>SWEEPS UST</b> .....	SWEEPS UST Listing
<b>CHMIRS</b> .....	California Hazardous Material Incident Report System
<b>Notify 65</b> .....	Proposition 65 Records
<b>DEED</b> .....	Deed Restriction Listing
<b>VCP</b> .....	Voluntary Cleanup Program Properties
<b>CLEANERS</b> .....	Cleaner Facilities
<b>WIP</b> .....	Well Investigation Program Case List
<b>CDL</b> .....	Clandestine Drug Labs
<b>RESPONSE</b> .....	State Response Sites
<b>EMI</b> .....	Emissions Inventory Data
<b>ENVIROSTOR</b> .....	EnviroStor Database

### TRIBAL RECORDS

<b>INDIAN RESERV</b> .....	Indian Reservations
<b>INDIAN LUST</b> .....	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b> .....	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

## EXECUTIVE SUMMARY

### **FEDERAL RECORDS**

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-SQG site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>CARRIZO SOLAR PLANT</b>	<b>9360 CARRISA HWY 58</b>	<b>1</b>	<b>3</b>

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/18/2007 has revealed that there are 3 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>CARRIZO SOLAR PLANT</b>	<b>9360 CARRISA HWY 58</b>	<b>1</b>	<b>3</b>
CARRISA PLAINS ELEMENTARY	9640 CARRISA HWY.	2	5
CARRIZO PLAINS SCHOOL	9640 CARRIZO HIGHWAY	2	5

### **STATE AND LOCAL RECORDS**

**HIST UST:** Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
GOODWIN RANCH	SODA LAKE RD. 9 MI. OF	3	5

## EXECUTIVE SUMMARY

**HAZNET:** The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2005 has revealed that there are 2 HAZNET sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CARRIZO SOLAR CORP.	9360 CARRIZO HWY.	1	3
<b><i>CARRIZO SOLAR PLANT</i></b>	<b><i>9360 CARRISA HWY 58</i></b>	<b><i>1</i></b>	<b><i>3</i></b>

## **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>
<b><u>FEDERAL RECORDS</u></b>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	0
CORRACTS	0
RCRA TSD	0
RCRA Lg. Quan. Gen.	0
RCRA Sm. Quan. Gen.	1
ERNS	0
HMIRS	0
US ENG CONTROLS	0
US INST CONTROL	0
DOD	0
FUDS	0
US BROWNFIELDS	0
CONSENT	0
ROD	0
UMTRA	0
ODI	0
TRIS	0
TSCA	0
FTTS	0
SSTS	0
LIENS 2	0
RADINFO	0
CDL	0
HIST FTTS	0
ICIS	0
LUCIS	0
DOT OPS	0
PADS	0
MLTS	0
MINES	0
FINDS	3
RAATS	0
<b><u>STATE AND LOCAL RECORDS</u></b>	
Hist Cal-Sites	0
CA Bond Exp. Plan	0
SCH	0
Toxic Pits	0
State Landfill	0
CA WDS	0
WMUDS/SWAT	0
Cortese	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
SWRCY	0
LUST	0
CA FID UST	0
SLIC	0
UST	0
HIST UST	1
AST	0
LIENS	0
SWEEPS UST	0
CHMIRS	0
Notify 65	0
DEED	0
VCP	0
DRYCLEANERS	0
WIP	0
CDL	0
RESPONSE	0
HAZNET	2
EMI	0
ENVIROSTOR	0
 <b><u>TRIBAL RECORDS</u></b>	
INDIAN RESERV	0
INDIAN LUST	0
INDIAN UST	0
 <b><u>EDR PROPRIETARY RECORDS</u></b>	
Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

---

<b>1</b>	<b>CARRIZO SOLAR CORP.</b> <b>9360 CARRIZO HWY.</b> <b>SANTA MARGARITA, CA 93453</b>	<b>HAZNET</b>	<b>S102798044</b> <b>N/A</b>
----------	--	---------------	---------------------------------

HAZNET:

Gepaid: CAC000927536  
 Contact: Not reported  
 Telephone: 0000000000  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: P. O. BOX 10239  
 Mailing City,St,Zip: ALBUQUERQUE, NM 871840000  
 Gen County: San Luis Obispo  
 TSD EPA ID: CAD980883177  
 TSD County: Kern  
 Waste Category: Unspecified oil-containing waste  
 Disposal Method: Recycler  
 Tons: .2085  
 Facility County: San Luis Obispo

<b>1</b>	<b>CARRIZO SOLAR PLANT</b> <b>9360 CARRISA HWY 58</b> <b>SANTA MARGARITA, CA 93453</b>	<b>RCRA-SQG</b> <b>FINDS</b> <b>HAZNET</b>	<b>1001075520</b> <b>CAR000006080</b>
----------	--	--	--

RCRAInfo:

Owner: CARRIZO SOLAR CORP  
 (505) 704-0345  
 EPA ID: CAR000006080  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

FINDS:  
 Other Pertinent Environmental Activity Identified at Site

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

HAZNET:

Gepaid: CAR000006080  
 Contact: CARRIZO SOLAR CORP  
 Telephone: 5057640345  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 9360 CARRISA HWY 58  
 Mailing City,St,Zip: SANTA MARGARITA, CA 934530000  
 Gen County: San Luis Obispo  
 TSD EPA ID: NVT330010000  
 TSD County: 99

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**CARRIZO SOLAR PLANT (Continued)**

**1001075520**

Waste Category: Other organic solids  
 Disposal Method: Not reported  
 Tons: 2.0000  
 Facility County: San Luis Obispo

Gepaid: CAR000006080  
 Contact: CARRIZO SOLAR CORP  
 Telephone: 5057640345  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 9360 CARRISA HWY 58  
 Mailing City,St,Zip: SANTA MARGARITA, CA 934530000  
 Gen County: San Luis Obispo  
 TSD EPA ID: NVT330010000  
 TSD County: 99  
 Waste Category: Other inorganic solid waste  
 Disposal Method: Not reported  
 Tons: 1302.9160  
 Facility County: San Luis Obispo

Gepaid: CAR000006080  
 Contact: CARRIZO SOLAR CORP  
 Telephone: 5057640345  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 9360 CARRISA HWY 58  
 Mailing City,St,Zip: SANTA MARGARITA, CA 934530000  
 Gen County: San Luis Obispo  
 TSD EPA ID: NVT330010000  
 TSD County: 99  
 Waste Category: Contaminated soil from site clean-ups  
 Disposal Method: Not reported  
 Tons: 16.8560  
 Facility County: San Luis Obispo

Gepaid: CAR000006080  
 Contact: Not reported  
 Telephone: 5057640345  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 9360 CARRISA HWY 58  
 Mailing City,St,Zip: SANTA MARGARITA, CA 934530000  
 Gen County: San Luis Obispo  
 TSD EPA ID: NVT330010000  
 TSD County: San Luis Obispo  
 Waste Category: Other organic solids  
 Disposal Method: Disposal, Land Fill  
 Tons: 33.71  
 Facility County: San Luis Obispo

Gepaid: CAR000006080  
 Contact: --  
 Telephone: 5057640345  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: PO BOX 25805 C/O ZOMEWORKS CORP  
 Mailing City,St,Zip: ALBUQUERQUE, NM 871250000

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

---

**CARRIZO SOLAR PLANT (Continued)**

**1001075520**

Gen County: San Luis Obispo  
 TSD EPA ID: NVT330010000  
 TSD County: 99  
 Waste Category: Other organic solids  
 Disposal Method: Disposal, Land Fill  
 Tons: 67.42  
 Facility County: Not reported

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

**2 CARRISA PLAINS ELEMENTARY  
 9640 CARRISA HWY.  
 SANTA MARGARITA, CA 93453**

**FINDS 1008294816  
 110021852887**

FINDS:  
 Other Pertinent Environmental Activity Identified at Site

NCES (National Center for Education Statistics) is the primary federal  
 entity for collecting and analyzing data related to education in the  
 United States and other nations and the institute of education  
 sciences.

**2 CARRIZO PLAINS SCHOOL  
 9640 CARRIZO HIGHWAY  
 SANTA MARGARITA, CA 93453**

**FINDS 1009410950  
 110024929773**

FINDS:  
 Other Pertinent Environmental Activity Identified at Site

Aerometric Information Retrieval System/Air Quality System

**3 GOODWIN RANCH  
 SODA LAKE RD. 9 MI. OF HWY 58  
 CARRISA PLAINS AREA, CA 93453**

**HIST UST U001585879  
 N/A**

HIST UST:  
 Region: STATE  
 Facility ID: 00000015172  
 Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00001979  
 Facility Type: Other  
 Other Type: FARM  
 Total Tanks: 0001  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Tank Construction: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**GOODWIN RANCH (Continued)**

**U001585879**

Leak Detection: None  
Contact Name: GEG BECK  
Telephone: 8054752235  
Owner Name: GUY L. GOODWIN CO.  
Owner Address: 305 S. JUNE ST.  
Owner City,St,Zip: LOS ANGELES, CA 90020

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CALIFORNIA VALL	S107540713		SODA LAKE ROAD	93453	CDL
CALIFORNIA VALLEY	S106924052	CARRIZO SOLAR CORP./POWER PLANT	9360 HWY 58	93453	SWEEPS UST
CALIFORNIA VALLEY	U001585875	CALIFORNIA VALLEY RANCH	SODA LAKE RD.	93453	HIST UST
CARRISA PLAINS AREA	U001585874	BECK RANCH	HIGHWAY 58	93453	HIST UST
CHOLAME	S106916854	POLONIO PASS PIPELINE	HIGHWAY 46	93461	SLIC
CHOLAME	S106982321	CONOCOPHILLIPS PIPELINE - JACK RANCH CAFE	HWY 46	93461	SLIC
CHOLAME	U001585283	AGGIE'S CHEVRON	US HWY 46 AT CHOLAME	93461	HIST UST
SAN LUIS OBISPO	S103679787	CALIFORNIA DEPT OF TRANSPORTATION	RTE 58 POST MARKER 49	93453	HAZNET
SANTA MARGARITA	S107410901	HIGHWAY 229 PIPELINE (CONOCOPHILLIPS)	HIGHWAY 229 ONE MILE NORTH OF HIGHWAY 58	93453	SLIC
SANTA MARGARITA	S102801977	COUNTY OF SAN LUIS OBISPO	HWY 58 1 MI. EAST OF SODA	93453	HAZNET
SANTA MARGARITA	S103653075	ARNOLD AMEZCUA	3280 HWY 58	93453	HAZNET
SANTA MARGARITA	S107410906	TASSAJARA CREEK-SPANISH OAKS (CONOCOPHILLIPS)	EAST BANK OF SANTA MARGARITA CREEK	93453	SLIC
SANTA MARGARITA	S107537868		BLACK MTN RV PARK, 4293 HWY 58	93453	CDL
SANTA MARGARITA	S107410904	SANTA MARGARITA PUMP STATION (CONOCOPHILLIPS)	EL CAMINO REAL, NORTH OF SANTA MARGARITA	93453	SLIC
SANTA MARGARITA	S106093796	TARGET #914	3602 SANTA MARGARITA PKWY	93453	HAZNET
SANTA MARGARITA	S102793838	SANTA MARGARITA LAKE	SANTA MARGUERITA/HWY 58	93453	HAZNET
SANTA MARGARITA	1000251512	PACIFIC BELL	SIMMLER STORE CARRISA PLAINS	93453	RCRA-SQG, FINDS
SANTA MARGARITA	1000419524	CALTRANS DISTRICT 05	STAR ROUTE	93453	RCRA-SQG, FINDS
SANTA MARGARITA	U001585883	LA PANZA STATION	STAR ROUTE, BOX 75-A	93453	HIST UST
SANTA MARGARITA	U001585884	MORRISON CAMATTIA RANCH	STAR ROUTEBOX 161 HWY 58	93453	HIST UST
SANTA MARGARITA	U001585885	MORRISON CAMATTIA RANCH	STAR ROUTE BOX 161 HWY 58	93453	HIST UST
SANTA MARGARITA	U001585888	PINOLE LAND & CATTLE CO.	STAR RT. BOX 80-A	93453	HIST UST
SANTA MARGARITA	1006248890	NAVAJO ROCK AND BLOCK/SAND	27.5 MI. W ON HWY 58	93453	FINDS, EMI
SANTA MARGARITA	S105938785	NAVAJO ROCK AND BLOCK/SAND	27.5 MI. W ON HWY 58	93453	EMI
SANTA MARGARITA	S106836179	NAVAJO SAND AND GRAVEL	27 MI W ON HWY 58	93453	EMI
SHANDON	S102806169	CHEVRON PIPE LINE COMPANY	HIGHWAY 41	93461	HAZNET
SHANDON	U001586211	SHANDON-U.C.	ROUTE 41	93461	HIST UST
SHANDON	1000337313	UNOCAP ANTELOPE PUMP STATION	HWY 46 SHALOME 20 MILES EAST OF SHANDON	93461	FINDS, RCRA-LQG
SHANDON	1006248899	CHEVRON SHANDON PUMP STATION	HWY 46	93461	FINDS, EMI
SHANDON	S104580879	CENTRAL COAST WATER AUTHORITY	HWY 46 4MI E OF CHOLAME	93461	HAZNET
SHANDON	S105940066	CONOCO PHILLIPS, SHANDON PUMP STATION	17525 HWY 46 EAST	93461	EMI
SHANDON	S106828477	CHEVRON SHANDON PUMP STATION	HWY 46 EAST	93461	EMI
SHANDON	S106828588	CHEVRON-SHANDON	HIGHWAY 46	93461	EMI
SHANDON	S106841646	UNION OIL CO, NO DIV. PIPELINE	HWY 46	93461	EMI
SHANDON	S106828469	CHEVRON PIPE LINE CO., SHANDON	HWY 46, 20 MI E OF PASO ROBLES	93461	EMI
SHANDON	S102803047	UNOCAL CORP	HWY 46_/CITY WAS CHALOME BUT	93461	HAZNET
SHANDON	1000434410	CHEVRON USA INC SHANDON STA	HWY FORTY FIRST	93461	RCRA-SQG, FINDS
SHANDON	1000419516	CALTRANS DISTRICT 05	CT MTC YD ON CENTRE ST HWY 41	93461	RCRA-SQG, FINDS
SHANDON	S103954522	CALTRANS DISTRICT 5	CT MTC YD ON CENTRE ST HWY 41	93461	HAZNET
SHANDON	U001586209	SHANDON PUMP STATION	ON STATE HIGHWAY 46	93461	HIST UST
SIMMLER	S101593619	SLOCO SIMMLER YARD	HWY 58	93453	CA FID UST, SWEEPS UST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SIMMLER	U001585893	SIMMLER ROAD YARD	HWY 58	93453	HIST UST

# 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: 01/25/2007	Source: EPA
Date Data Arrived at EDR: 01/31/2007	Telephone: N/A
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/30/2007
	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: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 05/03/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/30/2007
	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: 04/20/2007	Source: EPA
Date Data Arrived at EDR: 05/03/2007	Telephone: N/A
Date Made Active in Reports: 06/25/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 53	Next Scheduled EDR Contact: 07/30/2007
	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: 05/21/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/20/2007
	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: 02/27/2007	Source: EPA
Date Data Arrived at EDR: 03/21/2007	Telephone: 703-412-9810
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/20/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/17/2007
	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: 03/21/2007	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 703-412-9810
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007	Source: EPA
Date Data Arrived at EDR: 03/20/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/04/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

## **RCRA:** Resource Conservation and Recovery Act Information

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: (415) 495-8895
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 06/05/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Quarterly

## **ERNS:** Emergency Response Notification System

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

Date of Government Version: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 04/24/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 07/23/2007
	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: 03/05/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/17/2007	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 04/17/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Annually

## **US ENG CONTROLS:** Engineering Controls Sites List

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

Date of Government Version: 04/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/26/2007	Telephone: 703-603-8905
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 04/02/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/02/2007
	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: 04/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/26/2007	Telephone: 703-603-8905
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 04/02/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DOD:** Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/11/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/06/2007
	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: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 04/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Varies

## **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: 04/04/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/04/2007	Telephone: 202-566-2777
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 06/11/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Semi-Annually

## **CONSENT:** Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 08/23/2006	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 03/06/2007	Telephone: Varies
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 04/23/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/23/2007
	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: 03/27/2007	Source: EPA
Date Data Arrived at EDR: 03/27/2007	Telephone: 703-416-0223
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/27/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **UMTRA:** Uranium Mill Tailings Sites

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 06/22/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Varies

## **ODI:** Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **TRIS:** Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 06/19/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Annually

## **TSCA:** Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/16/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/16/2007
	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: 02/26/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-566-1667
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2007
	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: 02/26/2007	Source: EPA
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-566-1667
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 03/13/2007	Telephone: 202-564-4203
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 04/12/2007
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Annually

## **CDL:** Clandestine Drug Labs

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

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/06/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 06/25/2007
	Data Release Frequency: Quarterly

## **DOT OPS:** Incident and Accident Data

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

Date of Government Version: 02/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/28/2007	Telephone: 202-366-4595
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 05/30/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Varies

## **HIST FTTS:** FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: No Update Planned

## **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: 02/21/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/03/2007	Telephone: 202-564-5088
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 04/16/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 05/01/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2007	Telephone: 202-343-9775
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

## **LUCIS:** Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/11/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Varies

## **LIENS 2:** CERCLA Lien Information

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

Date of Government Version: 03/08/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/12/2007	Telephone: 202-564-6023
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 32	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

## **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: 10/17/2006	Source: EPA
Date Data Arrived at EDR: 11/29/2006	Telephone: 202-566-0500
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/08/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/06/2007
	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: 04/05/2007	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/25/2007	Telephone: 301-415-7169
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 04/02/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Quarterly

## **MINES:** Mines Master Index File

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

Date of Government Version: 02/06/2007	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/28/2007	Telephone: 303-231-5959
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 03/28/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 06/25/2007
	Data Release Frequency: Semi-Annually

# 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: 01/18/2007	Source: EPA
Date Data Arrived at EDR: 01/23/2007	Telephone: (415) 947-8000
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 05/14/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/02/2007
	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: 06/04/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/03/2007
	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: 06/12/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Biennially

## **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: 05/25/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: No Update Planned

### **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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SCH:** School Property Evaluation Program

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

Date of Government Version: 02/27/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/28/2007	Telephone: 916-323-3400
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 05/30/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Quarterly

## **TOXIC PITS:** Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 04/30/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: No Update Planned

## **SWF/LF (SWIS):** Solid Waste Information System

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

Date of Government Version: 03/12/2007	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 03/15/2007	Telephone: 916-341-6320
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 06/13/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Quarterly

## **WMUDS/SWAT:** Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 06/04/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

## **CA WDS:** Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/21/2007	Telephone: 916-341-5227
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/20/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

## **CORTESE:** "Cortese" Hazardous Waste & Substances Sites List

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 04/23/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: No Update Planned

## **SWRCY:** Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 04/09/2007  
Date Data Arrived at EDR: 04/11/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 16

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 04/11/2007  
Next Scheduled EDR Contact: 07/09/2007  
Data Release Frequency: Quarterly

## **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: 04/12/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: No Update Planned

## **LUST REG 8:** Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 05/07/2007  
Next Scheduled EDR Contact: 08/06/2007  
Data Release Frequency: Varies

## **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: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: No Update Planned

## **LUST REG 6L:** Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 06/04/2007  
Next Scheduled EDR Contact: 09/03/2007  
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: 04/01/2007  
Date Data Arrived at EDR: 04/25/2007  
Date Made Active in Reports: 05/10/2007  
Number of Days to Update: 15

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 04/25/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 06/25/2007  
Next Scheduled EDR Contact: 09/24/2007  
Data Release Frequency: No Update Planned

## **LUST REG 3:** Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 05/14/2007  
Next Scheduled EDR Contact: 08/13/2007  
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: 04/06/2007  
Next Scheduled EDR Contact: 07/09/2007  
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: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: No Update Planned

## **LUST:** Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 04/10/2007  
Date Data Arrived at EDR: 04/11/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 16

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 04/11/2007  
Next Scheduled EDR Contact: 07/09/2007  
Data Release Frequency: Quarterly

## **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: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/10/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/11/2007	Telephone: 866-480-1028
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 04/11/2007
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/09/2007
	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: 05/21/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/20/2007
	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: 04/06/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/09/2007
	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: 05/14/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 04/23/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 07/23/2007
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 04/05/2007  
Next Scheduled EDR Contact: 07/02/2007  
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: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
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: 06/04/2007  
Next Scheduled EDR Contact: 09/03/2007  
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: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
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: 04/06/2006  
Date Data Arrived at EDR: 04/06/2006  
Date Made Active in Reports: 05/11/2006  
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 04/03/2007  
Next Scheduled EDR Contact: 07/03/2007  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 03/13/2007  
Date Data Arrived at EDR: 03/14/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 23

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 06/11/2007  
Next Scheduled EDR Contact: 08/27/2007  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **UST:** Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/10/2007	Source: SWRCB
Date Data Arrived at EDR: 04/11/2007	Telephone: 916-480-1028
Date Made Active in Reports: 05/03/2007	Last EDR Contact: 04/11/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/09/2007
	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: 02/05/2007	Source: Department of Public Health
Date Data Arrived at EDR: 02/06/2007	Telephone: 707-463-4466
Date Made Active in Reports: 03/21/2007	Last EDR Contact: 06/25/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/24/2007
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **LIENS:** Environmental Liens Listing

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

Date of Government Version: 05/07/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/08/2007	Telephone: 916-323-3400
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 02/22/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Varies

## **AST:** Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 05/01/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/01/2007	Telephone: 916-341-5712
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 04/30/2007
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

## **SWEEPS UST:** SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

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

## **CHMIRS:** California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/23/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 42

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Varies

## **NOTIFY 65:** Proposition 65 Records

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

Date of Government Version: 10/21/1993  
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: 04/12/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: No Update Planned

## **DEED:** Deed Restriction Listing

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

Date of Government Version: 04/03/2007  
Date Data Arrived at EDR: 04/05/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 22

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 04/05/2007  
Next Scheduled EDR Contact: 07/02/2007  
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: 02/27/2007  
Date Data Arrived at EDR: 02/28/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 37

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/30/2007  
Next Scheduled EDR Contact: 08/27/2007  
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: 04/18/2005  
Date Data Arrived at EDR: 04/18/2005  
Date Made Active in Reports: 05/06/2005  
Number of Days to Update: 18

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 06/25/2007  
Next Scheduled EDR Contact: 10/01/2007  
Data Release Frequency: Annually

## **WIP:** Well Investigation Program Case List

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2007  
Date Data Arrived at EDR: 03/13/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 24

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 04/27/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: Varies

## **CDL:** Clandestine Drug Labs

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

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 03/07/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 30

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 04/23/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: Varies

## **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: 02/27/2007  
Date Data Arrived at EDR: 02/28/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 37

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/30/2007  
Next Scheduled EDR Contact: 08/27/2007  
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: 12/31/2005  
Date Data Arrived at EDR: 11/20/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 44

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 05/11/2007  
Next Scheduled EDR Contact: 08/06/2007  
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: 12/31/2005  
Date Data Arrived at EDR: 04/17/2007  
Date Made Active in Reports: 05/10/2007  
Number of Days to Update: 23

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 04/17/2007  
Next Scheduled EDR Contact: 07/16/2007  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2007  
Date Data Arrived at EDR: 02/28/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 37

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/30/2007  
Next Scheduled EDR Contact: 08/27/2007  
Data Release Frequency: Quarterly

## TRIBAL RECORDS

### **INDIAN RESERV:** Indian Reservations

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 05/11/2007  
Next Scheduled EDR Contact: 08/06/2007  
Data Release Frequency: Semi-Annually

### **INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/01/2007  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/04/2007  
Number of Days to Update: 34

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Quarterly

### **INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 03/30/2007  
Date Data Arrived at EDR: 03/30/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 28

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Quarterly

### **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: 12/01/2006  
Date Data Arrived at EDR: 12/01/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 59

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
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: 02/19/2007  
Date Data Arrived at EDR: 02/27/2007  
Date Made Active in Reports: 04/04/2007  
Number of Days to Update: 36

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
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: 09/06/2006  
Date Data Arrived at EDR: 10/04/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 35

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 05/21/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 03/20/2007	Source: EPA Region 4
Date Data Arrived at EDR: 04/16/2007	Telephone: 404-562-8677
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R1:** Underground Storage Tanks on Indian Land  
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

**INDIAN UST R8:** Underground Storage Tanks on Indian Land

Date of Government Version: 02/19/2007	Source: EPA Region 8
Date Data Arrived at EDR: 02/27/2007	Telephone: 303-312-6137
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

**INDIAN UST R5:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 05/21/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

**INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 03/26/2007	Source: EPA Region 9
Date Data Arrived at EDR: 03/27/2007	Telephone: 415-972-3368
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 05/21/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Quarterly

**INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 05/21/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/20/2007
	Data Release Frequency: Varies

**INDIAN UST R6:** Underground Storage Tanks on Indian Land

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/11/2007  
Date Data Arrived at EDR: 01/12/2007  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 17

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Semi-Annually

## **INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 03/20/2007  
Date Data Arrived at EDR: 04/16/2007  
Date Made Active in Reports: 05/14/2007  
Number of Days to Update: 28

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Semi-Annually

## **INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/04/2007  
Number of Days to Update: 34

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Quarterly

## **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: 04/24/2007  
Date Data Arrived at EDR: 04/26/2007  
Date Made Active in Reports: 05/10/2007  
Number of Days to Update: 14

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 04/23/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: Semi-Annually

#### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2007  
Date Data Arrived at EDR: 04/26/2007  
Date Made Active in Reports: 05/07/2007  
Number of Days to Update: 11

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 04/23/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: Semi-Annually

### **CONTRA COSTA COUNTY:**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site List

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

Date of Government Version: 02/27/2007	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 03/01/2007	Telephone: 925-646-2286
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 05/29/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Semi-Annually

## FRESNO COUNTY:

### CUPA Resources List

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

Date of Government Version: 04/09/2007	Source: Dept. of Community Health
Date Data Arrived at EDR: 04/10/2007	Telephone: 559-445-3271
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 05/07/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/06/2007
	Data Release Frequency: Semi-Annually

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 04/13/2007	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 04/16/2007	Telephone: 661-862-8700
Date Made Active in Reports: 05/07/2007	Last EDR Contact: 06/18/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/03/2007
	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	Source: EPA Region 9
Date Data Arrived at EDR: 07/07/1999	Telephone: 415-972-3178
Date Made Active in Reports: N/A	Last EDR Contact: 05/16/2006
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2007	Source: Department of Public Works
Date Data Arrived at EDR: 04/12/2007	Telephone: 626-458-3517
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 05/14/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/13/2007
	Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/13/2007  
Date Data Arrived at EDR: 03/09/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 28

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 05/16/2007  
Next Scheduled EDR Contact: 08/13/2007  
Data Release Frequency: Varies

## City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007  
Date Data Arrived at EDR: 03/27/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 31

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 06/11/2007  
Next Scheduled EDR Contact: 09/10/2007  
Data Release Frequency: Varies

## Site Mitigation List

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

Date of Government Version: 12/04/2006  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 15

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 05/14/2007  
Next Scheduled EDR Contact: 08/13/2007  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 05/14/2007  
Date Data Arrived at EDR: 05/15/2007  
Date Made Active in Reports: 06/25/2007  
Number of Days to Update: 41

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 05/14/2007  
Next Scheduled EDR Contact: 08/13/2007  
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: 05/30/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 05/29/2007  
Date Data Arrived at EDR: 05/29/2007  
Date Made Active in Reports: 06/25/2007  
Number of Days to Update: 27

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 05/29/2007  
Next Scheduled EDR Contact: 08/13/2007  
Data Release Frequency: Semi-Annually

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/26/2007  
Date Data Arrived at EDR: 02/20/2007  
Date Made Active in Reports: 03/21/2007  
Number of Days to Update: 29

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 04/30/2007  
Next Scheduled EDR Contact: 07/30/2007  
Data Release Frequency: Semi-Annually

## NAPA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Sites With Reported Contamination

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

Date of Government Version: 04/09/2007	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 04/10/2007	Telephone: 707-253-4269
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/25/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Semi-Annually

## Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 04/09/2007	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 04/10/2007	Telephone: 707-253-4269
Date Made Active in Reports: 04/24/2007	Last EDR Contact: 06/25/2007
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Annually

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2007	Source: Health Care Agency
Date Data Arrived at EDR: 03/20/2007	Telephone: 714-834-3446
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 06/06/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2007	Source: Health Care Agency
Date Data Arrived at EDR: 03/20/2007	Telephone: 714-834-3446
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 06/06/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/2007	Source: Health Care Agency
Date Data Arrived at EDR: 03/20/2007	Telephone: 714-834-3446
Date Made Active in Reports: 04/12/2007	Last EDR Contact: 06/06/2007
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/03/2007
	Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/04/2007	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 04/05/2007	Telephone: 530-889-7312
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/18/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/06/2007	Source: Department of Public Health
Date Data Arrived at EDR: 02/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 04/16/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Quarterly

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 05/21/2007	Source: Health Services Agency
Date Data Arrived at EDR: 05/22/2007	Telephone: 951-358-5055
Date Made Active in Reports: 06/25/2007	Last EDR Contact: 04/16/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Contaminated Sites

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

Date of Government Version: 01/31/2007	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/16/2007	Telephone: 916-875-8406
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 05/01/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/30/2007
	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: 01/31/2007	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/15/2007	Telephone: 916-875-8406
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 05/01/2007
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/23/2007	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 03/27/2007	Telephone: 909-387-3041
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/04/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/03/2007
	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.)

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 04/05/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Quarterly

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006  
Date Data Arrived at EDR: 01/03/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 21

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 06/04/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Varies

## Environmental Case Listing

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

Date of Government Version: 03/29/2007  
Date Data Arrived at EDR: 04/24/2007  
Date Made Active in Reports: 05/10/2007  
Number of Days to Update: 16

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 04/04/2007  
Next Scheduled EDR Contact: 07/02/2007  
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: 03/08/2007  
Date Data Arrived at EDR: 03/13/2007  
Date Made Active in Reports: 04/06/2007  
Number of Days to Update: 24

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 06/04/2007  
Next Scheduled EDR Contact: 09/03/2007  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/08/2007  
Date Data Arrived at EDR: 03/13/2007  
Date Made Active in Reports: 04/12/2007  
Number of Days to Update: 30

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 06/04/2007  
Next Scheduled EDR Contact: 09/03/2007  
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: 04/06/2007  
Date Data Arrived at EDR: 04/10/2007  
Date Made Active in Reports: 04/24/2007  
Number of Days to Update: 14

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 04/16/2007  
Data Release Frequency: Semi-Annually

## SAN MATEO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Inventory

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

Date of Government Version: 04/30/2007  
Date Data Arrived at EDR: 05/01/2007  
Date Made Active in Reports: 05/25/2007  
Number of Days to Update: 24

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 04/09/2007  
Next Scheduled EDR Contact: 07/09/2007  
Data Release Frequency: Annually

## Fuel Leak List

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

Date of Government Version: 04/11/2007  
Date Data Arrived at EDR: 04/12/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 04/09/2007  
Next Scheduled EDR Contact: 07/09/2007  
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: 06/25/2007  
Next Scheduled EDR Contact: 09/24/2007  
Data Release Frequency: No Update Planned

## LOP Listing

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

Date of Government Version: 03/26/2007  
Date Data Arrived at EDR: 03/27/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 31

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 06/25/2007  
Next Scheduled EDR Contact: 09/24/2007  
Data Release Frequency: Varies

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/03/2007  
Date Data Arrived at EDR: 04/04/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 23

Source: City of San Jose Fire Department  
Telephone: 408-277-4659  
Last EDR Contact: 06/04/2007  
Next Scheduled EDR Contact: 09/03/2007  
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: 03/26/2007  
Date Data Arrived at EDR: 04/16/2007  
Date Made Active in Reports: 05/10/2007  
Number of Days to Update: 24

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/25/2007  
Next Scheduled EDR Contact: 09/24/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/26/2007  
Date Data Arrived at EDR: 04/18/2007  
Date Made Active in Reports: 05/07/2007  
Number of Days to Update: 19

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/25/2007  
Next Scheduled EDR Contact: 09/24/2007  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/23/2007  
Date Data Arrived at EDR: 04/24/2007  
Date Made Active in Reports: 05/10/2007  
Number of Days to Update: 16

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 04/23/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007  
Date Data Arrived at EDR: 05/04/2007  
Date Made Active in Reports: 05/24/2007  
Number of Days to Update: 20

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 05/04/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Semi-Annually

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 03/28/2007  
Date Data Arrived at EDR: 04/25/2007  
Date Made Active in Reports: 05/10/2007  
Number of Days to Update: 15

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 06/12/2007  
Next Scheduled EDR Contact: 09/10/2007  
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: 08/01/2006  
Date Data Arrived at EDR: 09/05/2006  
Date Made Active in Reports: 10/05/2006  
Number of Days to Update: 30

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 05/21/2007  
Next Scheduled EDR Contact: 08/20/2007  
Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/28/2007  
Date Data Arrived at EDR: 03/23/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 35

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 06/12/2007  
Next Scheduled EDR Contact: 09/10/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Tank Closed Sites List

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

Date of Government Version: 03/28/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 04/24/2007	Telephone: 805-654-2813
Date Made Active in Reports: 05/07/2007	Last EDR Contact: 04/10/2007
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/09/2007
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 04/30/2007	Source: Yolo County Department of Health
Date Data Arrived at EDR: 05/15/2007	Telephone: 530-666-8646
Date Made Active in Reports: 06/25/2007	Last EDR Contact: 04/30/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/16/2007
	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: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 06/13/2007
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Annually

### **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 04/01/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/05/2007	Telephone: N/A
Date Made Active in Reports: 05/08/2007	Last EDR Contact: 04/05/2007
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/02/2007
	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: 10/26/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/29/2006	Telephone: 518-402-8651
Date Made Active in Reports: 01/05/2007	Last EDR Contact: 06/01/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 81

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/11/2007  
Next Scheduled EDR Contact: 09/10/2007  
Data Release Frequency: Annually

## **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 04/09/2007  
Date Data Arrived at EDR: 04/12/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 15

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 06/18/2007  
Next Scheduled EDR Contact: 09/17/2007  
Data Release Frequency: Annually

## **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 04/27/2007  
Date Made Active in Reports: 06/08/2007  
Number of Days to Update: 42

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 04/24/2007  
Next Scheduled EDR Contact: 07/09/2007  
Data Release Frequency: Annually

**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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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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# Carrizo Solar Power Project

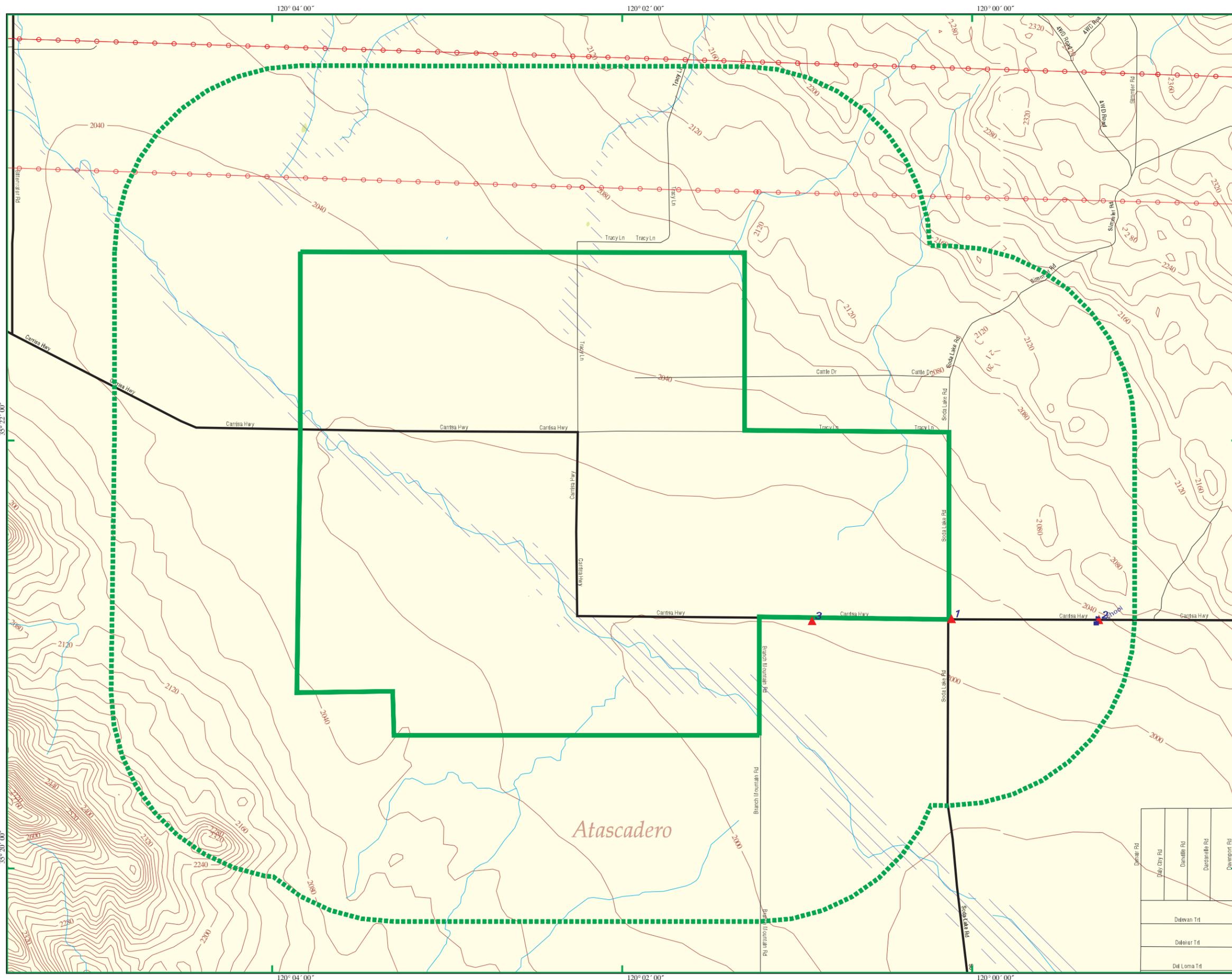
-  Listed Sites
-  Earthquake Epicenters (Richter 5 or greater)
-  Search Boundary
-  Roads
-  Major Roads
-  Waterways
-  Railroads
-  Contour Lines
-  Pipelines
-  Powerlines
-  Fault Lines
-  Water
-  Superfund Sites
-  Federal DOD Sites
-  Indian Reservations BIA
-  100-Yr Flood Zones
-  National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



Santa Margarita, CA



Scale in Miles



General Rd	Delevan Trl
Day City Rd	Deleker Trl
Danville Rd	Del Loma Trl
Dardanelle Rd	
Davenport Rd	



**EDR**® Environmental  
Data Resources Inc

# **EDR DataMap® EDR Well Search Report**

**Carrizo Solar Power Project  
Santa Margarita, CA 93453**

**June 26, 2007**

**Inquiry number 01957431.1w**

## **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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Please contact EDR at 1-800-352-0050  
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# GEOCHECK VERSION 2.1 SUMMARY

## FEDERAL DATABASE WELL INFORMATION

MAP ID \_\_\_\_\_ WELL ID \_\_\_\_\_

NO WELLS FOUND

## STATE WATER WELL INFORMATION

MAP ID \_\_\_\_\_ WELL ID \_\_\_\_\_

NO WELLS FOUND

## STATE OIL/GAS WELL INFORMATION

MAP ID _____	WELL ID _____
1	CA10099228
2	CA10099200
3	CA10098432
4	CA10096527
5	CA10094942
6	CA10094728
7	CA10094629
8	CA10094398

## PUBLIC WATER SUPPLY SYSTEM INFORMATION

NO WELLS FOUND

## USGS TOPOGRAPHIC MAP(S)

35119-C8 SIMMLER, CA  
35119-D8 LAS YEGUAS RANCH, CA  
35120-C1 CALIFORNIA VALLEY, CA  
35120-D1 LA PANZA NE, CA

## AREA RADON INFORMATION

Federal EPA Radon Zone for SAN LUIS OBISPO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for SAN LUIS OBISPO COUNTY, CA

Number of sites tested: 15

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.673 pCi/L	87%	7%	7%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

## GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

**Water Well Information:**

Map ID:	1	Operator:	Shell Oil Co
Apinumber:	07900419	Well no:	76-30
Lease:	Core Hole	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	006
Map:	W3-4		
Source:	hud		
Latitude:	35.371287		
Longitude:	-120.079386		
Td:	3497	Sec:	30
Twn:	29S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

Map ID:	2	Operator:	Shell Oil Co
Apinumber:	07900457	Well no:	56-30
Lease:	Lewis	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	006
Map:	W3-4		
Source:	hud		
Latitude:	35.370886		
Longitude:	-120.083578		
Td:	9668	Sec:	30
Twn:	29S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

Map ID:	3	Operator:	Conoco
Apinumber:	07920140	Well no:	1
Lease:	Cavanaugh	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	007
Map:	W3-4		
Source:	hud		
Latitude:	35.364444		
Longitude:	-120.073678		
Td:	8200	Sec:	32
Twn:	29S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

**GEOCHECK VERSION 2.1**  
**STATE DATABASE WELL INFORMATION**

Map ID:	4	Operator:	Shell Oil Co
Apinumber:	07900418	Well no:	71-5
Lease:	Core Hole	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	006
Map:	W3-3		
Source:	hud		
Latitude:	35.350667		
Longitude:	-120.061188		
Td:	2245	Sec:	5
Twn:	30S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

Map ID:	5	Operator:	Shell Oil Co
Apinumber:	07900417	Well no:	67X-5
Lease:	C.H.	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	006
Map:	W3-3		
Source:	hud		
Latitude:	35.340809		
Longitude:	-120.065114		
Td:	976	Sec:	5
Twn:	30S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

Map ID:	6	Operator:	Shell Oil Co
Apinumber:	07900423	Well no:	58Y-5
Lease:	Core Hole	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	006
Map:	W3-3		
Source:	hud		
Latitude:	35.338858		
Longitude:	-120.06777		
Td:	1172	Sec:	5
Twn:	30S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

**GEOCHECK VERSION 2.1**  
**STATE DATABASE WELL INFORMATION**

Map ID:	7	Operator:	Shell Oil Co
Apinumber:	07900415	Well no:	58X-5
Lease:	Core Hole	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	006
Map:	W3-3		
Source:	hud		
Latitude:	35.337608		
Longitude:	-120.068416		
Td:	953	Sec:	5
Twn:	30S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spupdate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

Map ID:	8	Operator:	Shell Oil Co
Apinumber:	07900407	Well no:	32X-8
Lease:	Core Hole	Cagaso m3 area:	Not Reported
Field:	San Luis Obispo Co	Status cod:	006
Map:	W3-3		
Source:	hud		
Latitude:	35.334996		
Longitude:	-120.069847		
Td:	1205	Sec:	8
Twn:	30S	Rge:	18E
Bm:	MD	X coord:	0
Y coord:	0	Zone:	Not Reported
Spupdate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	3

# CALIFORNIA GOVERNMENT WELL RECORDS SEARCHED

**PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

**PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

**State Database: CA Radon**

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

**Area Radon Information**

Source: USGS

Telephone: 703-356-4020

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

**EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

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

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

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

**Water Well Database**

Source: Department of Water Resources

Telephone: 916-651-9648

**California Drinking Water Quality Database**

Source: Department of Health Services

Telephone: 916-324-2319

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

**California Oil and Gas Well Locations**

Source: Department of Conservation

Telephone: 916-323-1779

**STREET AND ADDRESS INFORMATION**

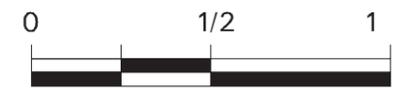
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# Carrizo Solar Power Project

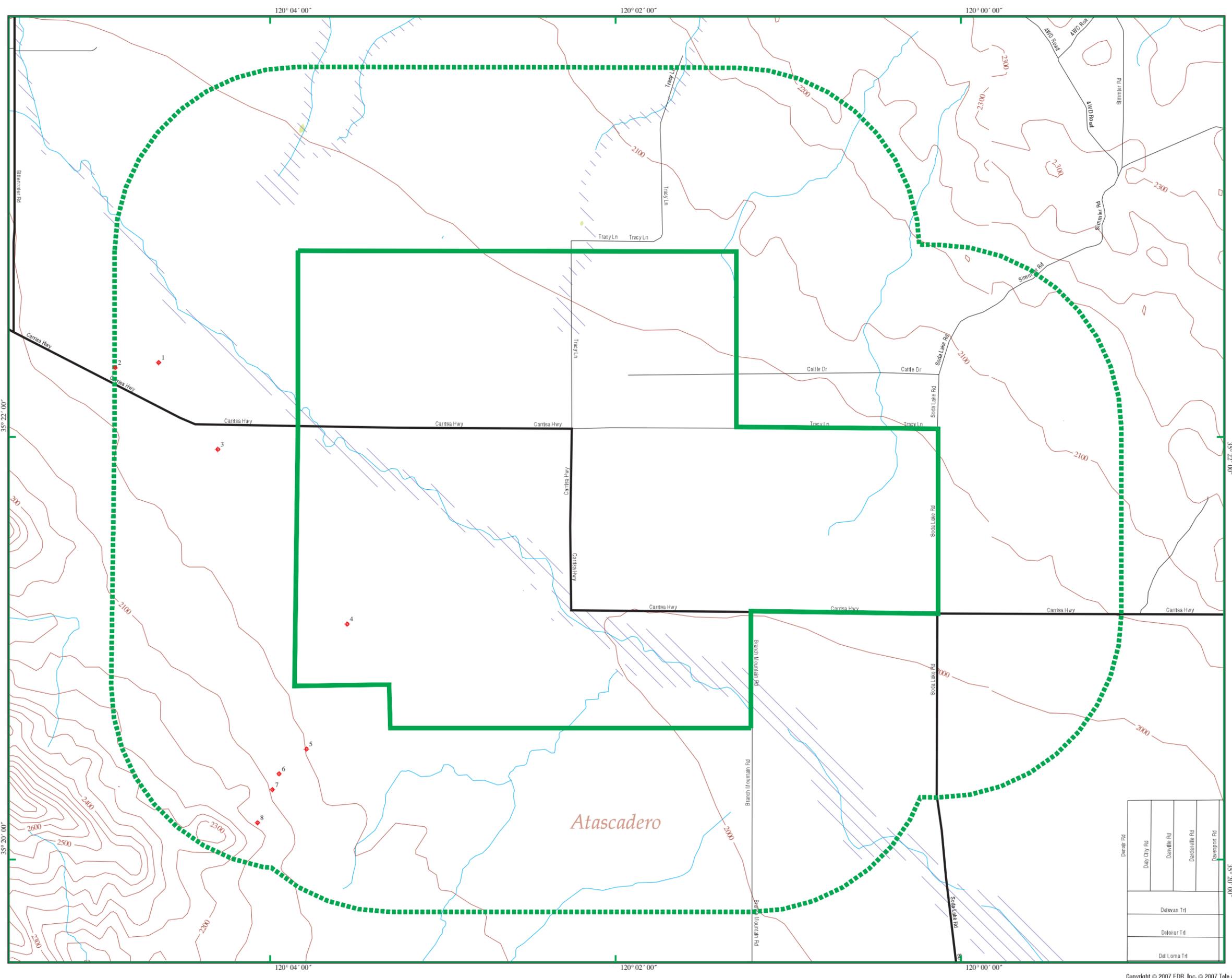
-  Listed Water Wells
-  Oil & Gas Wells
-  Study Boundary
-  Roads
-  Major Roads
-  Waterways
-  Railroads
-  Contour Lines
-  Fault Lines
-  Water
-  Superfund Sites
-  100-Yr Flood Zones
-  Wetlands



Santa Margarita, CA



Scale in Miles



Dennis Rd	Daly City Rd	Denville Rd	Dardanelle Rd	Davenport Rd
Delevan Trl				
Deleker Trl				
Del Loma Trl				



# **The EDR Environmental Lien Search Report**

**CARRIZO SOLAR POWER PROJECT  
SANTA MARGARITA, CALIFORNIA**

**Tuesday, July 17, 2007**

**Project Number: L07-05632**

## **The Standard In Environmental Risk Management Information**

440 Wheelers Farm Road  
Milford, Connecticut 06460

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802

# ENVIRONMENTAL LIEN REPORT

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

## **Thank you for your business**

Please contact EDR at 1-800-352-0050  
with any questions or comments

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# ENVIRONMENTAL LIEN REPORT

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

## **TARGET PROPERTY INFORMATION**

### **ADDRESS**

**Carrizo Solar Power Project  
Santa Margarita, California**

### **RESEARCH SOURCE**

Source: San Luis Obispo County Assessor  
San Luis Obispo County Recorder

### **DEED INFORMATION**

Type of Instrument: Grant Deed

Title is vested in: Robert G. Lewis and Alberta A. Lewis, Trustees of the Robert G. Lewis Family Trust dated 12/21/1993 (as to an undivided 1/2 interest), and William R. Cochrane, Jr. and Susan A. Cochrane, husband and wife as joint tenants (as to an undivided 1/2 interest)

Title received from: Robert G. Lewis

Deed Dated: 06/30/2005  
Deed Recorded: 07/15/2005  
Instrument: 2005058082

### **LEGAL DESCRIPTION**

A portion of Section 28, Township 29 South, Range 18 East, situated and lying in the City of Santa Margarita, San Luis Obispo County, State of California

Assessor's Parcel Number(s): 072-091-001

### **ENVIRONMENTAL LIEN**

Environmental Lien: Found  Not Found

### **OTHER ACTIVITY AND USE LIMITATIONS (AULs)**

Other AULs: Found  Not Found

# ENVIRONMENTAL LIEN REPORT

## TARGET PROPERTY INFORMATION

### ADDRESS

**Carrizo Solar Power Project  
Santa Margarita, California**

### RESEARCH SOURCE

Source: San Luis Obispo County Assessor  
San Luis Obispo County Recorder

### DEED INFORMATION

Type of Instrument: Grant Deed

Title is vested in: Ann Jopling, an unmarried woman (as to an undivided 1/3 interest as tenant in common), Linda Gwen Lowery, also known as Gwen Lowery, a married woman as her sole and separate property (as to an undivided 1/3 interest as tenant in common), and John M. Lowery, an unmarried man (as to an undivided 1/3 interest as tenant in common).

Title received from: John M. Lowery, Trustee of the Peter G. Lowery Family Trust dated 12/27/2000

Deed Dated: 12/22/2006  
Deed Recorded: 12/27/2006  
Instrument: 2006090894

### LEGAL DESCRIPTION

A portion of the Northeast Quarter and the Southwest Quarter of Section 33, Township 29 South, Range 18 East, Parcel G of Parcel 2, situated and lying in the City of Santa Margarita, San Luis Obispo County, State of California

Assessor's Parcel Number(s): 072-091-010

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found  Not Found

# ENVIRONMENTAL LIEN REPORT

## TARGET PROPERTY INFORMATION

### ADDRESS

**Carrizo Solar Power Project  
Santa Margarita, California**

### RESEARCH SOURCE

Source: San Luis Obispo County Assessor  
San Luis Obispo County Recorder

### DEED INFORMATION

Type of Instrument: Grant Deed

Title is vested in: Pacific Gas and Electric Company, a California corporation

Title received from: Kenneth N. Beck and Mary E. Beck, as trustees under the will of Nels Beck, deceased, dated 04/02/1968, Mary E. Beck, Helen E. Traver, Kenneth N. Beck and Jean M. Beck, husband and wife, and Alan E. Beck and Winifred Beck, husband and wife

Deed Dated: 07/29/1983  
Deed Recorded: 08/11/1983  
Instrument: 37562

### LEGAL DESCRIPTION

A portion of Section 27, Township 29 South, Range 18 East, situated and lying in the City of Santa Margarita, San Luis Obispo County, State of California

Assessor's Parcel Number(s): 072-101-023

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found  Not Found

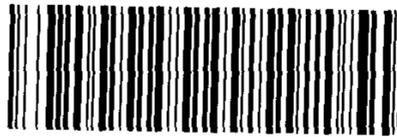
**JULIE RODEWALD**  
San Luis Obispo County – Clerk/Recorder

MEL  
7/15/2005  
4:30 PM

Recorded at the request of  
**First American Title Company**

DOC#: **2005058082**

Titles: 1 Pages: 2



Fees 10.00  
Taxes 401.50  
Others 10.00  
PAID \$421.50

**RECORDING REQUESTED BY**  
First American Title Company

**AND WHEN RECORDED MAIL TO:**  
Robert G. Lewis and Alberta A. Lewis,  
4906 Pozo Road, Route 6  
Santa Margarita, CA 93453

Space Above This Line for Recorder's Use Only

A.P.N.: 072-091-001

SURVEY MONUMENT FEE \$10.00

File No.: 4007-1918806 (M/S)

**GRANT DEED**

*401.50* *50 Percent*

FILED <i>mf</i>	FEE PAID	EXEMPT	OUT OF STATE
--------------------	----------	--------	--------------

The Undersigned Grantor(s) Declare(s): DOCUMENTARY TRANSFER TAX \$*401.50*; CITY TRANSFER TAX \$0.00;  
SURVEY MONUMENT FEE \$10

- computed on the consideration or full value of property conveyed, OR
- computed on the consideration or full value less value of liens and/or encumbrances remaining at time of sale,
- unincorporated area; [ ] City of , and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, **Robert G. Lewis**

hereby GRANTS to **Robert G. Lewis and Alberta A. Lewis, Trustees of the Robert G. Lewis Family Trust dated December 21, 1993 as to an undivided 1/2 interest and William R. Cochrane, Jr. and Susan A. Cochrane, husband and wife as joint tenants, as to an undivided 1/2 interest**

the following described property in the Unincorporated Area of , County of **San Luis Obispo**, State of **California**:

**SECTION 28, TOWNSHIP 29 SOUTH, RANGE 18 EAST, M.D.B&M IN THE COUNTY OF SAN LUIS OBISPO, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.**

**EXCEPTING THEREFROM, FROM THE NORTHEAST QUARTER AND THE SOUTHWEST QUARTER OF EVERY KIND OF NATURE, INCLUDING PETROLEUM, OIL, GAS, ASPHALTUM AND OTHER HYDROCARBON SUBSTANCES IN, ON, UNDER AND ABOUT SAID LAND TOGETHER WITH THE RIGHT TO ENTER UPON, EXPLORE, MINE, BORE, DRILL AND TO SINK WELLS, SHAFTS AND DRIFTS; TO DEVELOP, EXTRACT AND REMOVE THEREFROM AND TO STORE THEREON MINERALS, PETROLEUM, OIL, GAS, ASPHALTUM AND OTHER HYDROCARBON SUBSTANCES; TO DRILL AND OPERATE WATER WELLS; TO MANUFACTURE ON AND TO STORE THEREON, GASOLINE AND OTHER PRODUCTS; TO BUILD, OPERATE, USE AND MAINTAIN UPON AND ACROSS AND TO CHANGE THE LOCATION OF AND REMOVE DERRICKS, TANKS, RESERVOIRS, POWER HOUSES, PUMPING PLANTS, MACHINERY, BUILDINGS, STATIONS, HOUSES FOR EMPLOYEES AS SETFORTH AND RESERVED BY CROCKER FIRST NATIONAL BANK OF SAN FRANCISCO AS ADMINISTRATOR OF THE ESTATE OF JAMES M. MCDONALD, DECEASED IN AN INSTRUMENT RECORDED MAY 29, 1941 IN BOOK 300, PAGE 24 OF OFFICIAL RECORDS.**

Dated: 06/30/2005

Mail Tax Statements To: **SAME AS ABOVE**

A.P.N.: 072-091-001

Grant Deed - continued

File No.: 4007-1918806  
(M/S)  
Date: 06/30/2005

Robert G Lewis

Robert G. Lewis

STATE OF California  
COUNTY OF San Luis Obispo

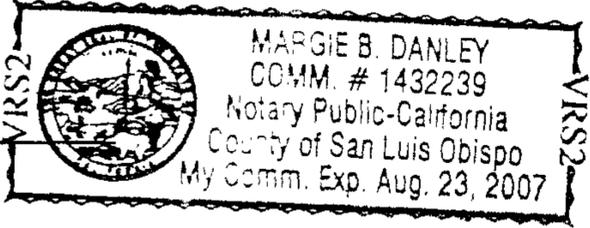
On 7-13-05, before  
me, Margie B. Danley, personally  
appeared Robert G. Lewis

personally known to me (or ~~proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

*This area for official notarial seal*

Signature Margie B. Danley  
My Commission Expires: Aug. 23, 2007



Notary Name: \_\_\_\_\_  
Notary Registration Number: \_\_\_\_\_

Notary Phone: 805-227-7321  
County of Principal Place of Business: \_\_\_\_\_

**JULIE RODEWALD**  
San Luis Obispo County – Clerk/Recorder

AM  
12/27/2006  
3:38 PM

Recorded at the request of  
**Public**

DOC#: **2006090894**

Titles: 1 Pages: 5



Fees 19.00  
Taxes 0.00  
Others 10.00  
PAID \$29.00

RECORDING REQUESTED BY, AND  
WHEN RECORDED RETURN TO:

Fitzpatrick & Barbieri  
1326 Chorro Street  
San Luis Obispo, CA 93401

**MAIL TAX STATEMENTS TO:**

DOCUMENTARY TRANSFER TAX \$ 0

JACK LOWERY  
633 18<sup>TH</sup> Street  
Santa Monica, CA 90402

Revenue & Taxation Code §11930

*John M Lowery*  
Signature of Declarant

SURVEY MONUMENT FEE \$10.00

**GRANT DEED**

FILED	FEE PAID	EXEMPT	OUT OF STATE
<i>[initials]</i>			

WITHOUT CONSIDERATION

JOHN M LOWERY, Trustee of the PETER G. LOWERY FAMILY TRUST dated  
December 27, 2000

hereby GRANTS to

ANN JOPLING, an unmarried woman, as to an undivided one-third (1/3)  
interest as tenant in common, LINDA GWEN LOWERY, also known as  
GWEN LOWERY, a married woman as her sole and separate property,  
as to an undivided one-third (1/3) interest as tenant in common, and  
JOHN M. LOWERY, an unmarried man, as to an undivided one-third (1/3)  
interest as tenant in common,

the real property in the unincorporated area of the County of San Luis Obispo, State of  
California described in Exhibit A, attached hereto, consisting of three (3) pages.

Dated: December 22, 2006

PETER G. LOWERY FAMILY TRUST dated December 27, 2000

by: *John M Lowery*  
JOHN M. LOWERY, Trustee

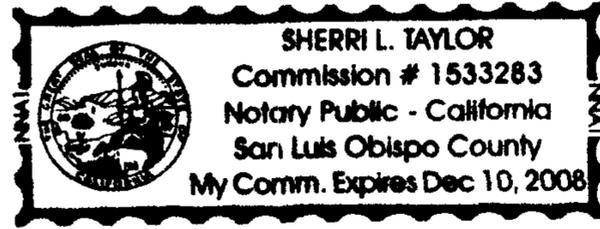
STATE OF CALIFORNIA )  
COUNTY OF SAN LUIS OBISPO ) ss.

On December 22, 2006, before me, Sherri L. Taylor, a Notary Public for the State of California, personally appeared **JOHN M. LOWERY**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that, he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature

*Sherri L. Taylor*



My Commission Expires: Dec. 10, 2008

Notary Name: SHERRI L. TAYLOR

Notary Registration No.: 1533283

*This area for notarial seal*

Notary Phone: (805) 541-6400

County of Principal Place of Business: San Luis Obispo

## EXHIBIT A

### PARCEL 1:

That portion of Lot 16 as shown on the "Map off Parts of the Ranchos Corral de Piedra, Pismo and Bolsa de Chemisal, San Luis Obispo County, in the State of California, subdivided by Jas. T. Stratton, C.E., September 1873" filed in the office of the County Recorder in the County of San Luis Obispo, State California, described as follows:

Beginning at a 3" by 4" stake, from which stake S.81 the most Westerly corner of said Lot 16, bears South 12° 30' West 16.621 chains distant; thence running from said point of beginning along the Westerly line of said Lot 16 and along the Westerly and Northeasterly line of a tract of land in said Lot 16 conveyed by Jose F. Gomez, a Widower, to Virginia Garcia and Frances Gularte, married women by Grant Deed dated December 30, 1937, and recorded in Book 224, page 459 of Official Records in the County of San Luis Obispo Records, the following courses and distances, North 12° 30' East 22.939 chains to stake R.R.1, South 55° 15' East along Southwesterly line of right of way, 46 links wide (which right of way adjoins the Northeasterly line of said Lot 16); 19.959 chains to stake R.R.3; thence leaving said right of way South 9° 43' East 2.152 chains to stake R.R.4; thence South 29° 36' East 9.711 chains to stake R.R.6; thence South 70° 46' East 1.741 chains to a 3" by 4" stake; thence leaving the Northeasterly line of the land so described in the deed from Jose F. Gomez, herein above mentioned and running along the Northerly line of the and described in the deed to Virginia Garcia, recorded in Book 238, page 188 of Official Records, the following courses and distances; South 44° 15' West 8.526 chains to a 3" by 4" stake, thence North 78° 29' 21" West, 16.788 chains to a 3" by 4" stake; thence North 63° 27' 30" West 6.460 chains to the Point of Beginning.

A.P.N. 044-061-001 - 4855 Righetti Road, San Luis Obispo, CA

### PARCEL 2:

#### PARCEL A OF PARCEL 2:

The Northwest quarter of the Northwest quarter of Section 31, the Northeast quarter of the Northwest quarter of Section 31, and the East half of the Northwest quarter of Section 32, all in Township 29 South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat thereof.

Excepting therefrom that portion of Section 32 lying North of Highway 58 as conveyed to Walter P. Lewis, et al., in deeds recorded April 28, 1978 in

Book 2066 at Page 239 of Official Records and April 28, 1978 in Book 2066 at Page 240 of Official Records.

**PARCEL B OF PARCEL 2:**

The West half of the Northwest quarter of Section 32, in Township 29 South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat thereof.

Excepting therefrom that portion of Section 32 lying North of Highway 58 as conveyed to Walter P. Lewis, et al., in deeds recorded April 28, 1978 in Book 2066 at Page 239 of Official Records and April 28, 1978 in Book 2066 at Page 240 of Official Records.

**PARCEL C OF PARCEL 2:**

The South half of the Northwest quarter of Section 31, in Township 29 South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat thereof.

**PARCEL D OF PARCEL 2:**

The East half of the Southeast quarter of Section 31, and the Southeast quarter of Section 32, in Township 29, South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat thereof.

**PARCEL E OF PARCEL 2:**

The West half of the Southeast quarter of Section 31, and the Northwest quarter of Section 33, in Township 29 South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat thereof.

**PARCEL F OF PARCEL 2:**

The Southeast quarter of Section 33 in Township 29 South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat thereof.

**PARCEL G OF PARCEL 2:**

The Northeast quarter and the Southwest quarter of Section 31, the Northeast quarter and the Southwest quarter of Section 32, the Northeast quarter and the Southwest quarter of Section 33, all in Township 29

South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat thereof.

Excepting therefrom that portion of Section 32 to Walter F. Lewis, et al., in deeds recorded April 28, 1978 in Book 2066 at Page 239 of Official Records and April 28, 1978 in Book 2066 at Page 240 of Official Records. Excepting the mobile home located thereon.

A.P.N. 072-091-004 thru 072-091-010

RECORDING REQUESTED BY:  
FIRST AMERICAN TITLE INSURANCE COMPANY  
RECORDING REQUESTED BY:  
FIRST AMERICAN TITLE INSURANCE COMPANY

4 8.00 RF  
12 .492.80 DT  
DOC NO 375620 10.00 MF  
OFFICIAL RECORDS 510.80FATL  
SAN LUIS OBISPO CO., CA  
AUG 11 1983  
FRANCIS M. COONEY  
County Clerk-Recorder  
TIME 8:00 AM

3010-9321 Carrisa Plains Solar Project  
7 83 1  
AFTER RECORDING, RETURN TO:  
Pacific Gas and Electric Company  
Attn: Robert R. Jensen, Supervisor  
Land Sales and Leasing  
77 Beale Street  
San Francisco, California 94106

FOR RECORDER'S USE ONLY

A.P.N. 72-101-06

Documentary Transfer Tax \$492.80  
Computed on the consideration or value  
of property conveyed

  
UNINCORPORATED  
FOR FIRST AMERICAN TITLE INSURANCE COMPANY  
SURVEY MONUMENT FEE \$10.00

GRANT DEED

KENNETH N. BECK and MARY E. BECK, as trustees under the will of Nels Beck,  
deceased, dated April 2, 1968

MARY E. BECK,

HELEN E. TRAVER,

KENNETH N. BECK and JEAN M. BECK, husband and wife,

and ALAN E. BECK and WINIFRED BECK, husband and wife,

hereby grant to PACIFIC GAS AND ELECTRIC COMPANY, a California corporation, the  
real property, situate in the County of San Luis Obispo, State of California described as  
follows:

(APN 72-101-06)

PARCEL 1: The northeast quarter and the southwest quarter of Section  
27 in Township 29 South, Range 18 East, Mount Diablo Base and  
Meridian, in the County of San Luis Obispo, State of California,  
according to the official plat of the survey of said land approved by the  
Surveyor General's Office, February 29, 1856.

Excepting therefrom said land, all minerals and mineral rights of  
every kind or nature including petroleum, oil, gas, asphaltum and other

MAIL TAX STATEMENTS TO:

PACIFIC GAS AND ELECTRIC COMPANY  
Land Acquisition Section, Land Department  
77 Beale Street  
San Francisco, California 94106

hydrocarbon substances in, on, under and about said lands hereinabove described, together with the right to enter upon, explore, prospect, mine, bore, drill and to sink wells, shafts, and drifts upon, in and under said lands, and to develop, extract, take and remove therefrom, and to store thereon such minerals and such petroleum, oil, gas, asphaltum and other hydrocarbon substances and to manufacture on said land and to store thereon gasoline and other products derived from such operations, and to conduct thereon, therein or thereunder any and all operations which may be necessary, property or convenient in the enjoyment of the rights herein excepted and reserved; also reserving the right to drill and operate water wells, and to use such of the water therefrom as may be necessary or convenient in the conduct of any of the operations hereinabove set forth; also reserving the right to build, erect, operate, use and maintain, upon and across, and to change the location of and remove from said lands, derricks, tanks, reservoirs, power houses, pumping plants, machinery, building, stations, houses for employees, roads, ditches, pumps, pipe lines, power lines, telephone and/or telegraph lines, with the necessary poles, wires and accessories, and all such other structures of every kind or character, that may be suitable, convenient or necessary for the extraction, mining, handling, storing, transportation, refining or other treatment of petroleum, oil, gas, asphaltum or other hydrocarbon substances by whatever name known, or other minerals of any kind of nature, and the right to so treat or transport the same whether obtained from said premises or from other lands, upon or across said premises; and the rights of egress from and ingress to said premises, and all rights of way over said premises which may be convenient or necessary in the enjoyment of the rights so excepted and reserved, as aforesaid; and generally reserving the right to do all such other things and to have and retain all such other rights, privileges, easements and servitudes, whether hereinbefore specifically mentioned, or otherwise, as may be or become necessary or convenient for the full enjoyment of the rights, privileges and easements hereinabove reserved, all as reserved in the Deed from Crocker First National Bank of San Francisco, the duly appointed and acting Administrator of the Estate of James M. McDonald, also known as J. M. McDonald, deceased, to Paul Polizzotto, an unmarried man, recorded May 29, 1941, in Book 300, Page 24 of Official Records.

PARCEL 2: The northwest quarter and the southeast quarter of Section 27 in Township 29 South, Range 18 East, Mount Diablo Base and Meridian, in the County of San Luis Obispo, State of California, according to the official plat of the survey of said land approved by the Surveyor General's Office, February 29, 1856.

Excepting therefrom the northwest quarter of the northwest quarter of said Section 27, that portion described as follows: Beginning at the 1-1/4 inch pipe, scribed L.S. 1969, in the northwest quarter of the northwest quarter of Section 27, Township 29 South, Range 18 East, Mount Diablo Base and Meridian, from which the northwest corner of Section 30, said Township and Range bears north 89° 44' 29" west, 16,076.19 feet distant and running thence south 89° 44' 30" east, 208.71 feet to a 1-1/4 inch pipe, scribed L.S. 1969; thence south 0° 15' 30" west 208.71 feet to a 1-1/4 inch pipe scribed L.S. 1969; thence north 89° 44' 30" west 208.71 feet to a 1-1/4 inch pipe scribed L.S. 1969; thence north 0° 15' 30" east, 208.71 feet, more or less, to the point of beginning.

Reserving to grantors all oil, gas, other hydrocarbon substances, and minerals, under said real property hereinbefore described and designated PARCEL 2 for a period of twenty years from and after the date hereof, or for so long thereafter as any such oil, gas, other hydrocarbon substances and minerals are produced thereon; provided, however, that any exploration for or removal of any such oil, gas, other hydrocarbon substances, and minerals, shall be by means of slant drilling or tunneling from lands adjacent to said real property designated PARCEL 2 or other methods not requiring operations on the surface of said real property designated PARCEL 2 and shall be performed so as not to endanger said surface or any structure which shall be erected or constructed thereon. In the event no such production is commenced prior to the termination of said twenty year period, all right, title and interest therein shall automatically revert to and vest in grantee.

A Record of Survey of said real property has been made by Berryman & Stephenson Inc. and recorded in Book 45 of Licensed Surveys at page 24, San Luis Obispo County Records.

Also reserving to grantors, the right to construct, reconstruct, maintain and use a road within the strip of land described as follows:

A strip of land of the uniform width of 50 feet extending from the northerly boundary line of said Section 27 southerly to the southerly boundary line of said Section 27 and lying 25 feet on each side of the line described as follows:

Commencing at the 2-inch iron pipe with brass tag stamped "L.S. 3997" shown on said record of survey map as marking the northwest corner of said Section 27 and running along the northerly boundary line of said Section 27

- (a) south  $89^{\circ} 19' 01''$  east 63.2 feet to the TRUE POINT OF BEGINNING of said line; thence
- (1) south  $0^{\circ} 04' 07''$  west 5265.9 feet; thence
- (2) south  $30^{\circ} 31' 40''$  east 61.4 feet, more or less, to a point in said southerly boundary line.

Said road is for the access of grantors' farm equipment to lands near or adjacent to said real property.

Grantors shall construct, reconstruct and maintain the road within said strip of land so as not to reduce the vertical clearance between grantee's then existing electric transmission lines and the ground thereunder below the minimum requirements set forth in General Order No. 95 of the Public Utilities Commission of the State of California.

Further reserving to grantors the right to use one existing water well located near the southeast corner of said Section 27 for watering livestock.

The provisions hereof shall inure to the benefit of and bind the successors and assigns of the respective parties hereto.

Dated July 29, 19 83.

Kenneth N. Beck  
Kenneth N. Beck,  
individually

Jean M. Beck  
Jean M. Beck

Alan E. Beck  
Alan E. Beck

Winifred Beck  
Winifred Beck

Mary E. Beck  
Mary E. Beck,  
individually

Helen E. Traver  
Helen E. Traver

Kenneth N. Beck  
Kenneth N. Beck,  
as trustee aforesaid

Mary E. Beck  
Mary E. Beck  
as trustee aforesaid M3

San Joaquin  
LD 9131  
T.29S., R.18E.,  
M.D.B. & M.,  
Section 27  
ALL  
83-155  
dm

Prepared MEW

3001 (6/82) (Individual) First American Title Company

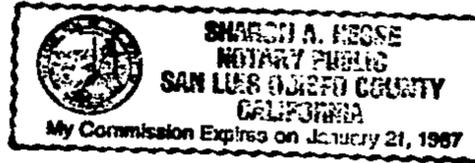
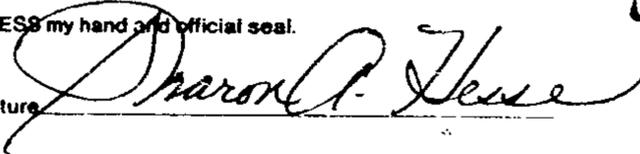
STATE OF CALIFORNIA  
COUNTY OF San Luis Obispo ss.

On July 29, 1983 before me, the undersigned, a Notary Public in and for  
said State, personally appeared Kenneth N. Beck, Jean M. Beck, Mary E. Beck  
and Helen E. Traver  
and Kenneth N. Beck, as trustee and Mary E. Beck, as trustee

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

WITNESS my hand and official seal.

Signature



(This area for official notarial seal)

3001 (6/82) (Individual) First American Title Company

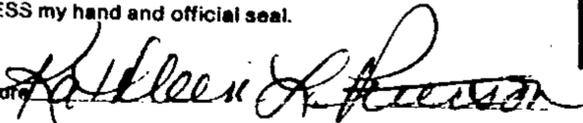
STATE OF ~~CALIFORNIA~~ NEVADA ss.  
COUNTY OF HUMBOLDT

On August 4, 1983 before me, the undersigned, a Notary Public in and for  
said State, personally appeared Alan E. Beck and Winifred Beck

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

WITNESS my hand and official seal.

Signature



(This area for official notarial seal)

**END OF DOCUMENT**

VOL 2511 PAGE 279



**EDR**® Environmental  
Data Resources Inc

## **The EDR Aerial Photo Decade Package**

**Carrizo Solar Power Project  
Carrizo Solar Power Project  
Santa Margarita, CA 93453**

**Inquiry Number: 1971862.1**

**July 11, 2007**

## **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# 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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***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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**Date EDR Searched Historical Sources:**

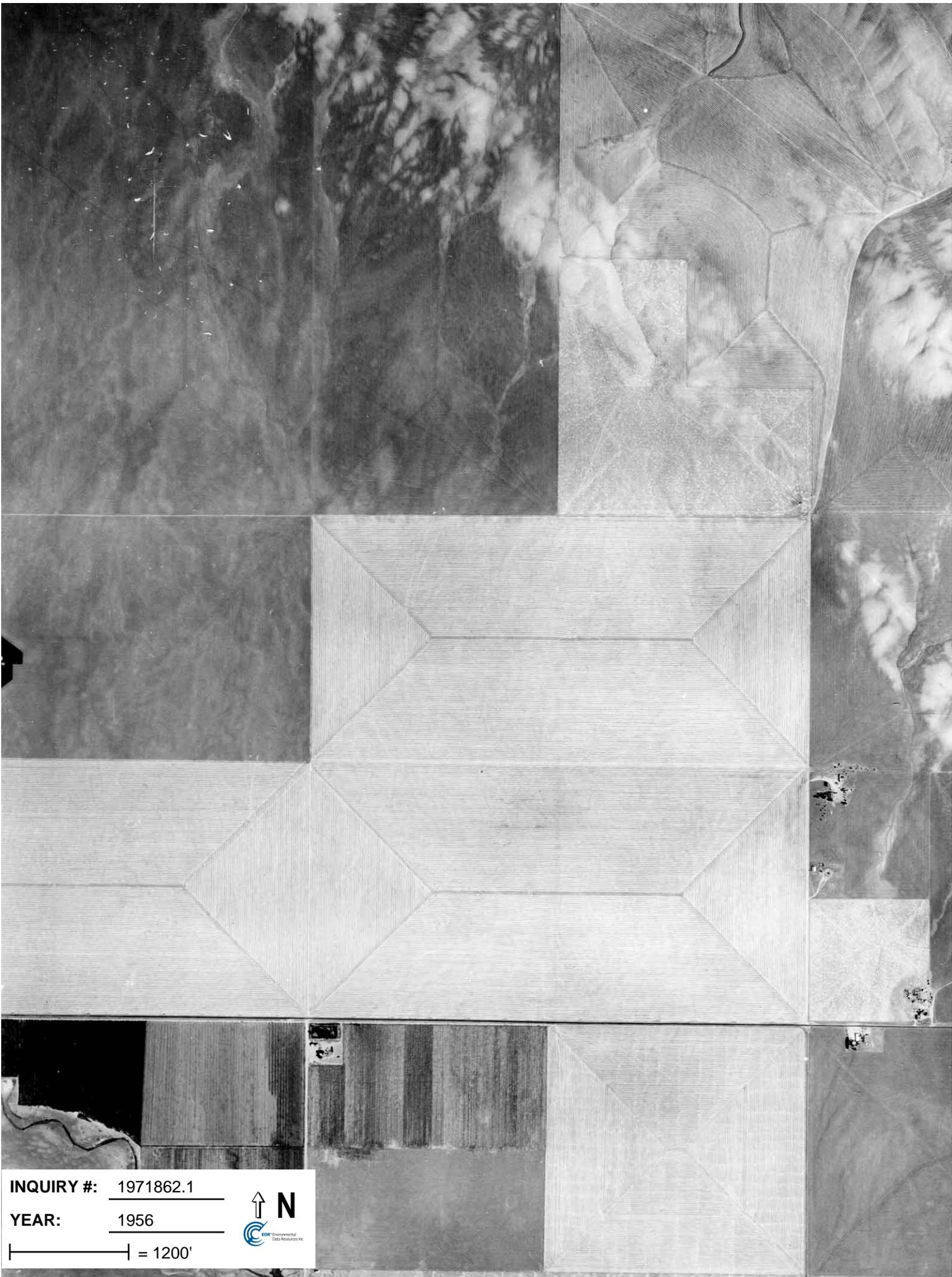
Aerial Photography July 11, 2007

**Target Property:**

Carrizo Solar Power Project

Santa Margarita, CA 93453

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1956	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1956	Hycon
1956	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1956	Hycon
1956	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1956	Hycon
1956	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1956	Hycon
1956	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1956	Hycon
1963	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1963	Mark Hurd
1963	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1963	Mark Hurd
1963	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1963	Mark Hurd
1963	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1963	Mark Hurd
1978	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1978	Pacific Air
1978	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1978	Pacific Air
1989	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1989	USGS
1989	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1994	USGS
1994	Aerial Photograph. Scale: 1"=1200'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=1200'	Flight Year: 2002	USGS
2002	Aerial Photograph. Scale: 1"=1200'	Flight Year: 2002	USGS

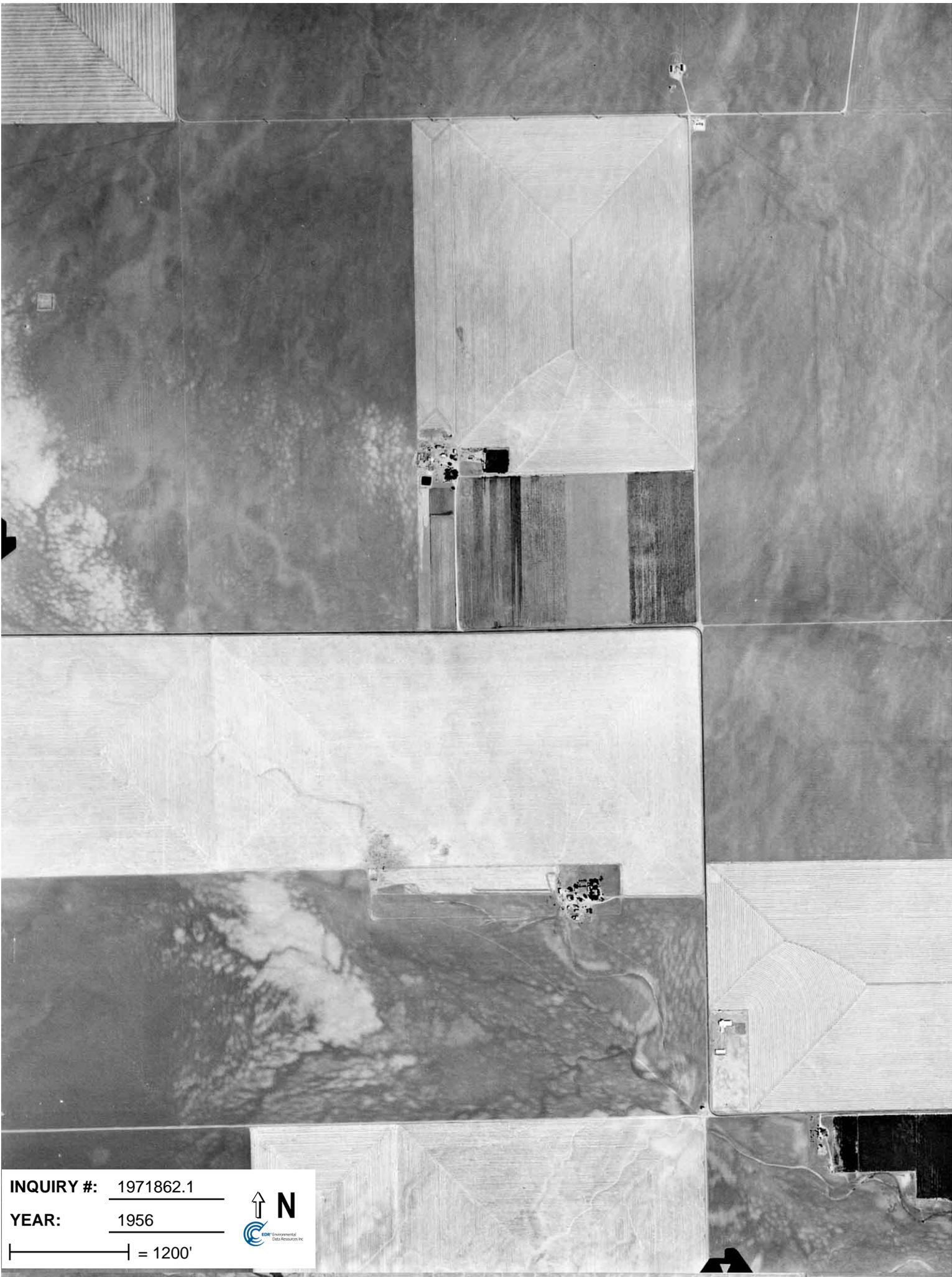


**INQUIRY #:** 1971862.1

**YEAR:** 1956

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 1956

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 1956

| = 1200'



9-4-56



**INQUIRY #:** 1971862.1

**YEAR:** 1956

— = 1200'



AXH-4R-22

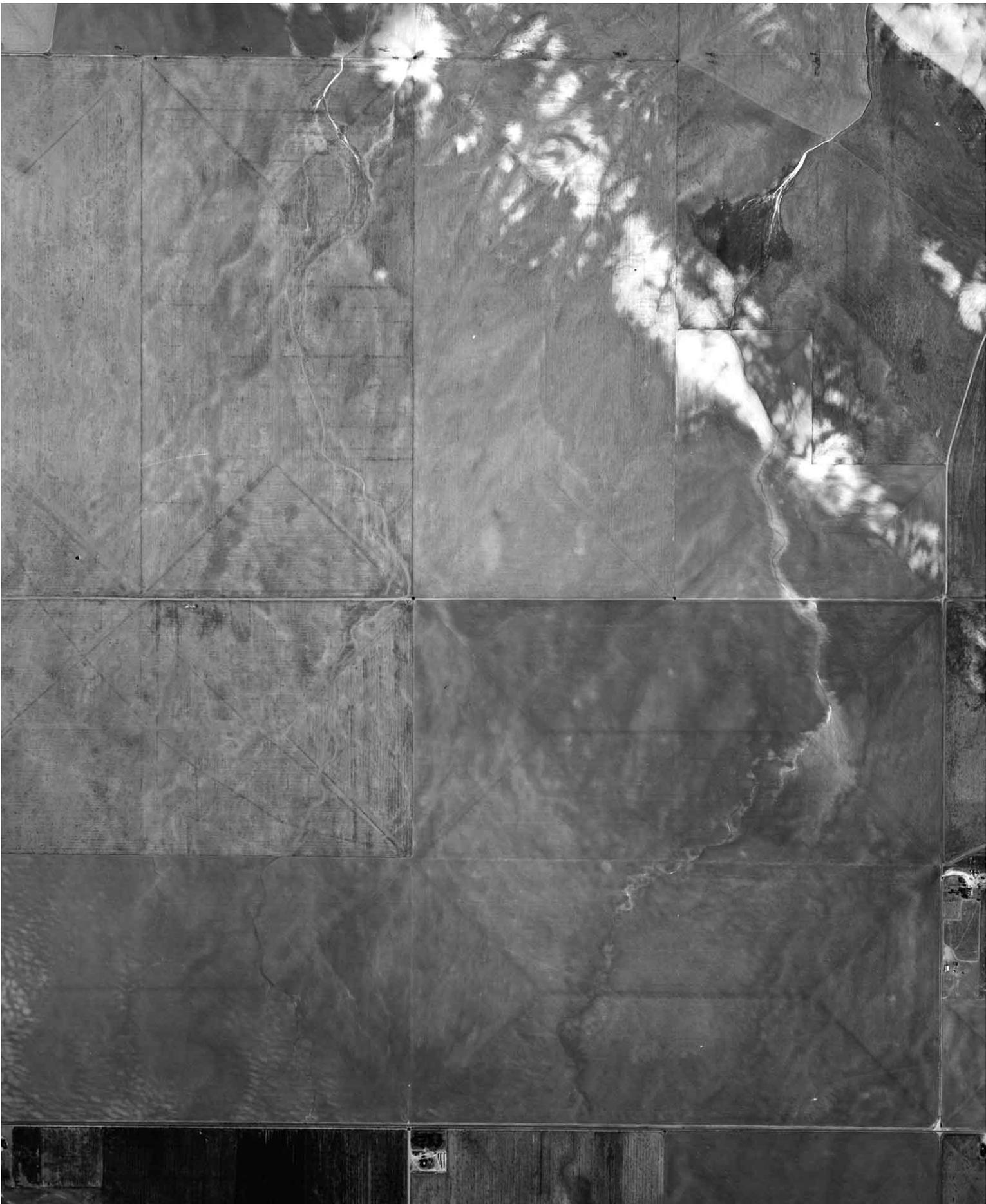


INQUIRY #: 1971862.1

YEAR: 1956

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 1963

**|** = 1200'



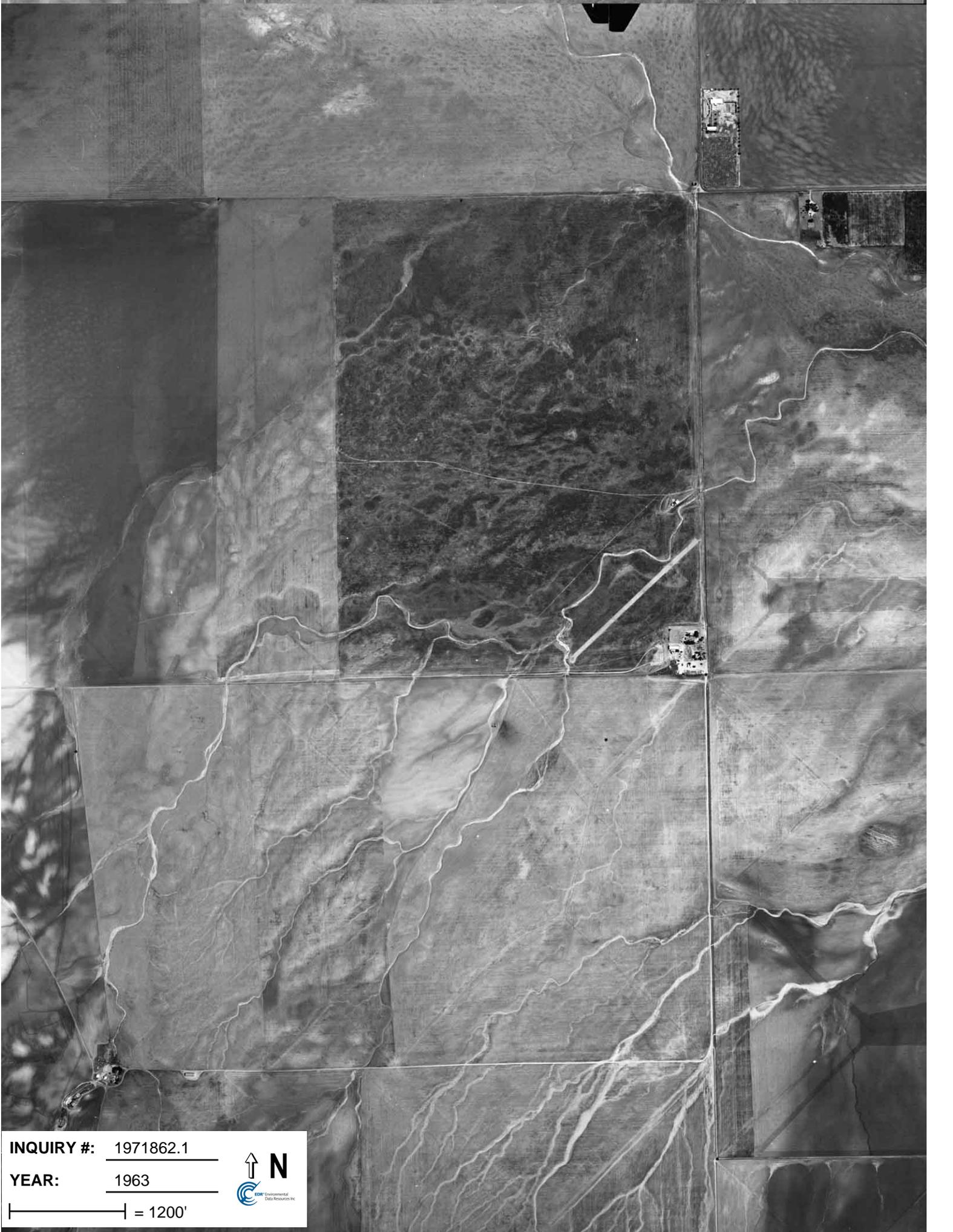


**INQUIRY #:** 1971862.1

**YEAR:** 1963

— = 1200'



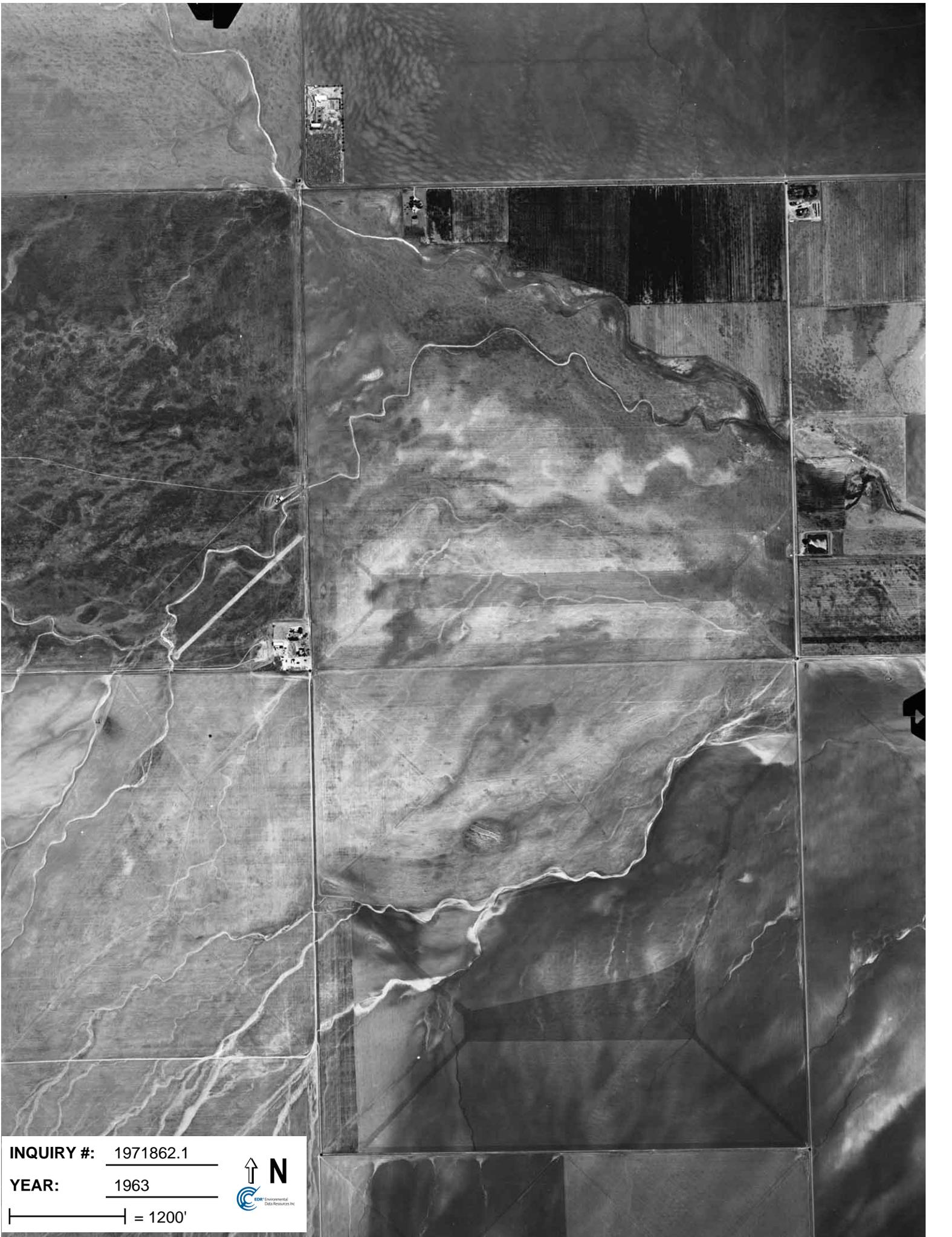


**INQUIRY #:** 1971862.1

**YEAR:** 1963

| = 1200'



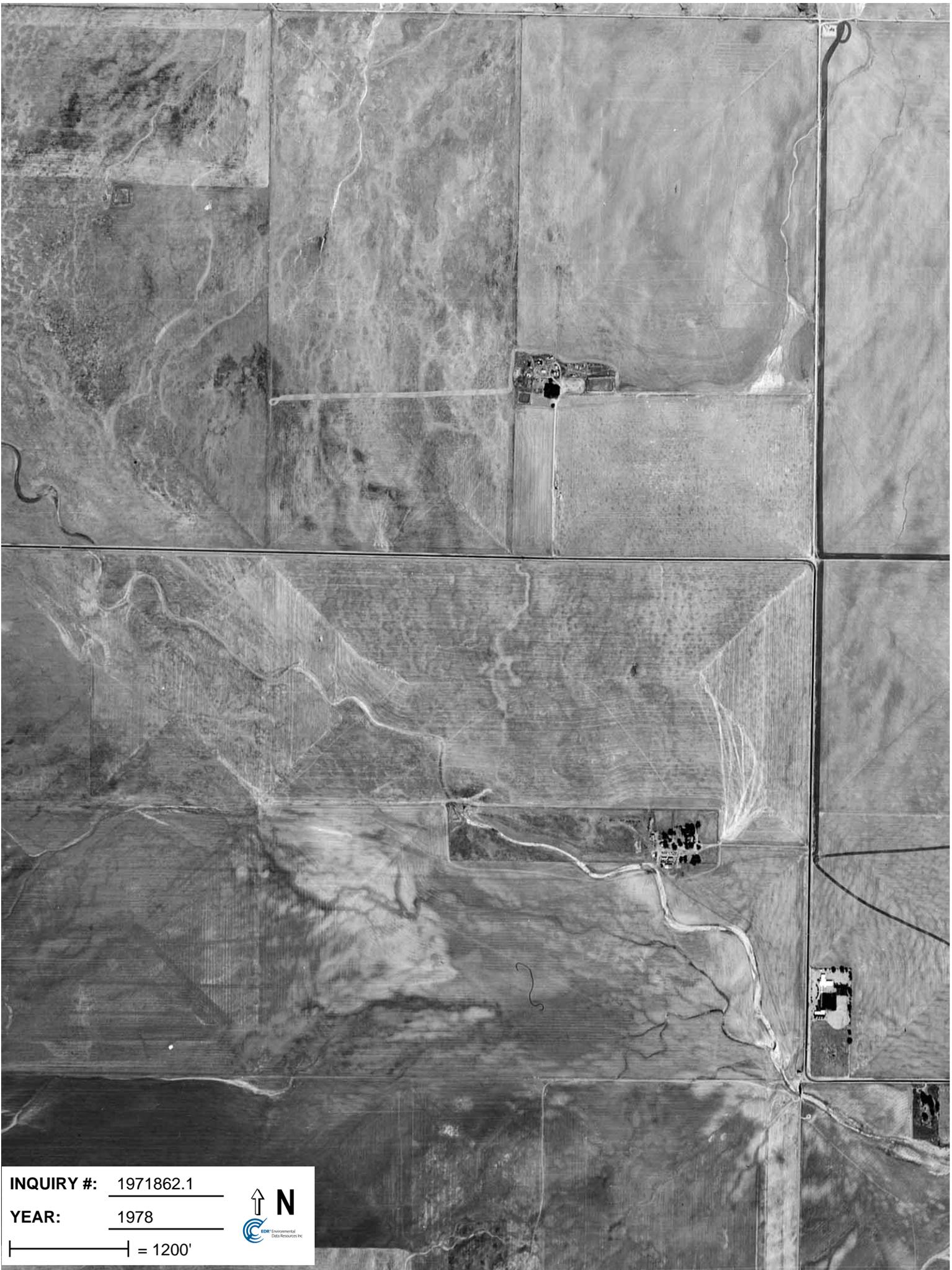


**INQUIRY #:** 1971862.1

**YEAR:** 1963

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 1978

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 1978

| = 1200'



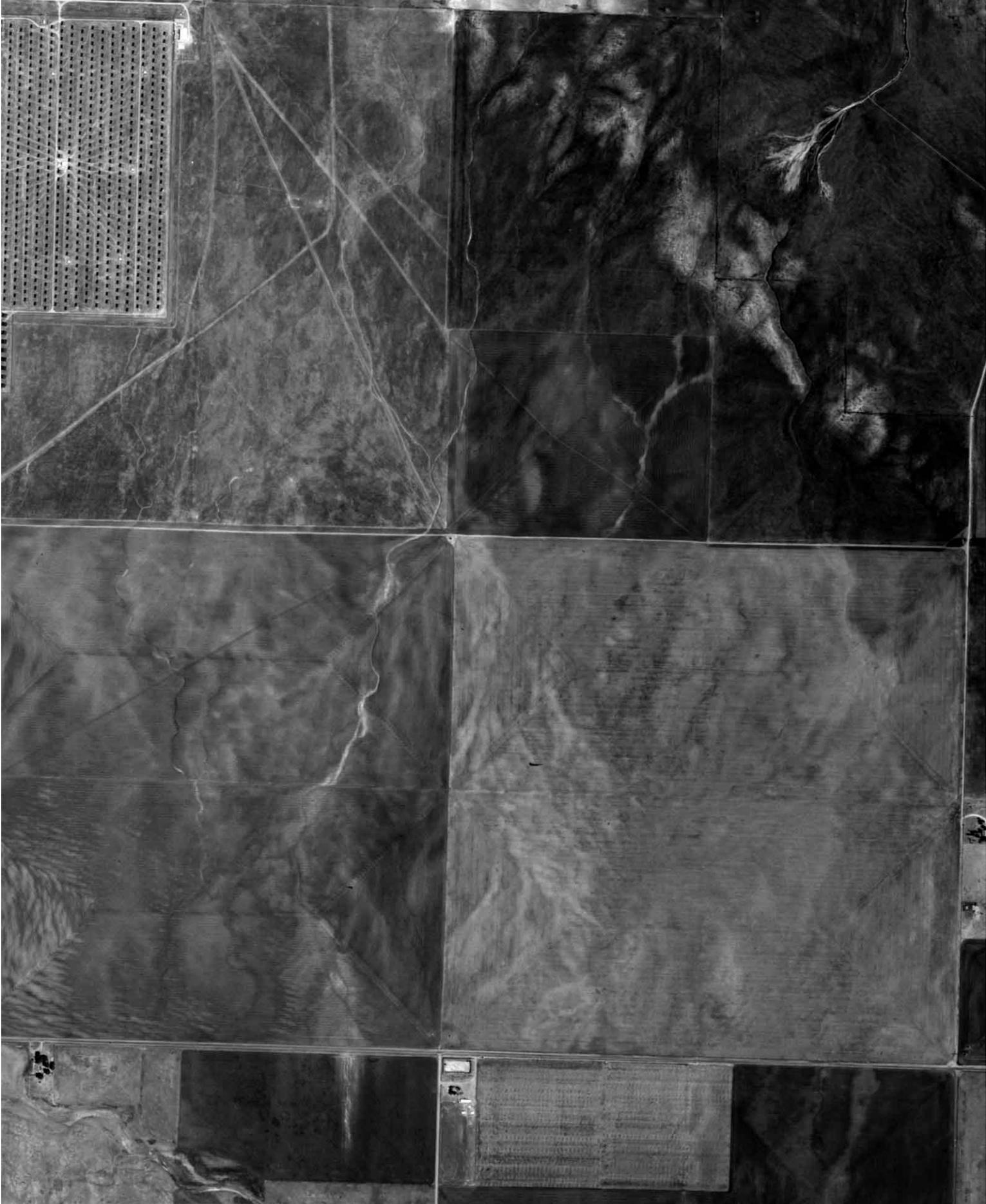


**INQUIRY #:** 1971862.1

**YEAR:** 1989

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 1989

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 1994

| = 1200'



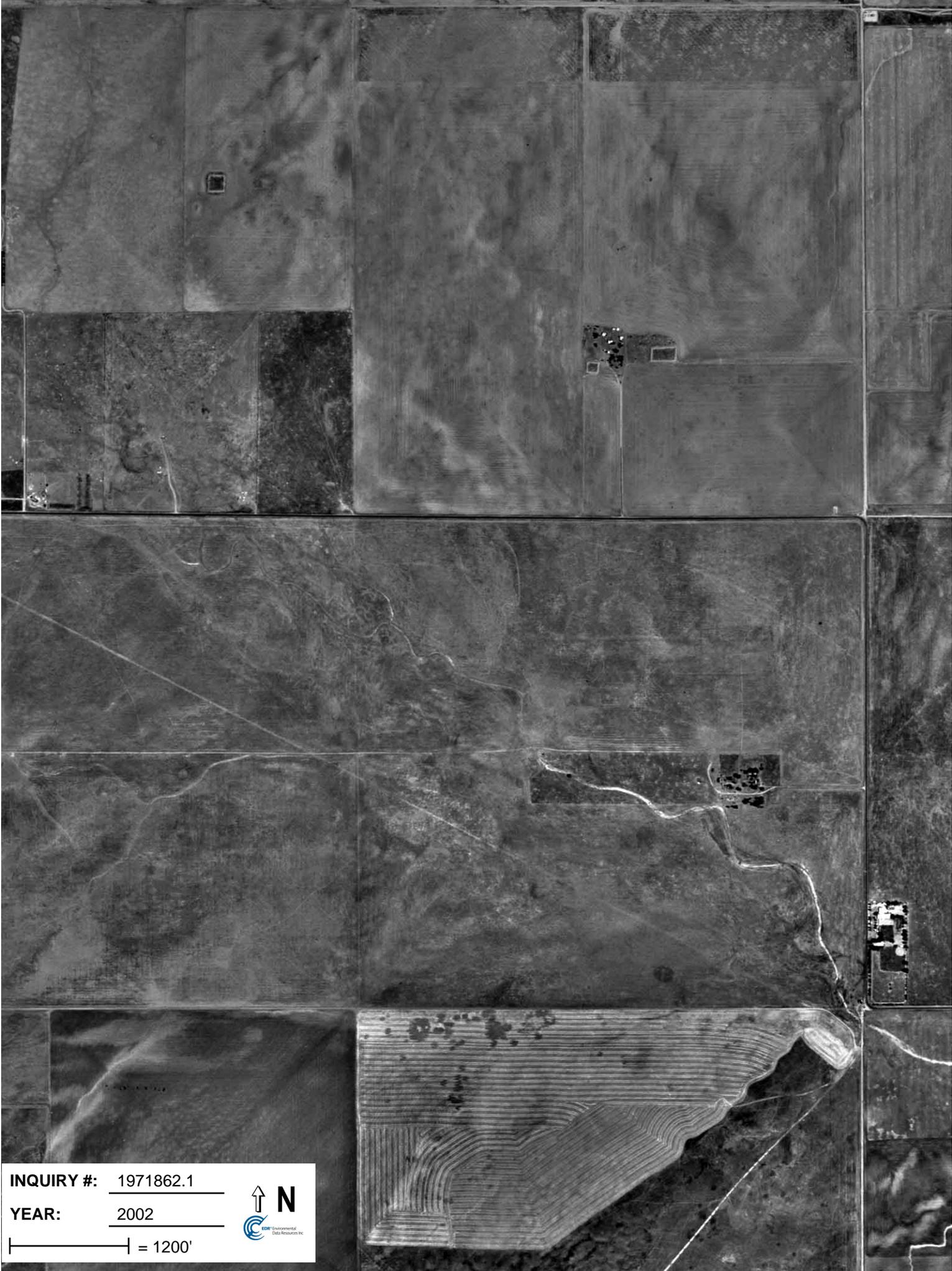


**INQUIRY #:** 1971862.1

**YEAR:** 1994

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 2002

| = 1200'





**INQUIRY #:** 1971862.1

**YEAR:** 2002

| = 1200'



**APPENDIX C**  
**USER QUESTIONNAIRE**



## USER QUESTIONNAIRE

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (*the "Brownfields Amendments"*), the *user* (Ausra, Inc.)<sup>1</sup> must provide the following information (if available) to the *environmental professional*. Failure to provide or adequately address this information could result in a determination that the requirements of ASTM E 1527-05 and the "*all appropriate inquiry*" have not been met:

- (1.) Environmental cleanup liens that are filed or recorded against the site (40CFR 312.25). *Are you aware of any or have you conducted a search for environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?* This is usually included in a title report for the property. If you provide copies we will incorporate the information into our report. If you reply that you have this information but do not provide it then our report will note that the user has retained the information. If you do not provide the information or state that you did not collect the information, URS will either perform the search for an additional fee, or note in the report that the requirement search for environmental cleanup liens against the property has not been met.

No.

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- (2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). *Are you ware of or do you have any specialized knowledge of the subject property, the area surrounding the subject property, the conditions of adjoining properties, and any other experience relevant to the inquiry, which could be used to identify releases or threatened releases of hazardous materials?* URS must take into account relevant and applicable specialized knowledge and experience of the client responsible for undertaking the inquiry. Such information includes being involved in the same type of business as an occupant so that you would have knowledge of the chemicals and processes used by this type of business.

No.

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- (3.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). *Does the purchase price being paid for this property reasonably reflect the fair market value of the property?* The ESA must consider the relationship of the purchase price to the fair market value of the property, if the property were not contaminated. You only need to provide an affirmation that a

<sup>1</sup> Responses provided by Sohier Dane, Development Manager for Ausra, Inc. on June 22, 2007.



## USER QUESTIONNAIRE

review of price and fair market value was conducted and the review considered whether any differential is due to potential environmental contamination. You need not submit the supporting information (such as the property appraisal report) to URS. Our scope of work does not include a review of the purchase price to fair market value. URS will report that the user has conducted the review and has retained the information.

The purchase price is the fair market value and the transaction is being conducted under the assumption that the property is free of contamination.

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- (4.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). *As the user of this ESA do you have any specialized knowledge or experience or are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? You should provide URS with any information you might have regarding hazardous chemicals, including: uses of the property, specific chemicals, past leaks or spills, or any environmental cleanups. If you do not provide this information we will presume you have no commonly known or reasonably ascertainable information about the property and state this in the report.*

No.

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In order to successfully complete the ESA within a reasonable schedule, the following information should be provided by the client along with written authorization to proceed:

- Identification of the site contact and how the contact can be reached.
- the type of property and type of property transaction, for example, sale, purchase, exchange, etc.;
- the complete and correct address for the property (a map or other documentation showing property location and boundaries is helpful);
- identification of all parties who will rely on the Phase I report; and
- any special site safety requirements, personal protective equipment, or other special terms and conditions that must be addressed with the site owner.

**APPENDIX D**

**INQUIRY RESPONSES FROM REGULATORY AGENCIES**



Linda S. Adams  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Maureen F. Gorsen, Director  
1515 Tollhouse Road  
Clovis, California 93611



Arnold Schwarzenegger  
Governor

June 28, 2007

Mr. Frank Gegunde  
URS  
30 River Park Place West, Suite 180  
Fresno, California 93720

PR10627710

Dear Mr. Gegunde:

We have received your Public Records Act Requests for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office for the sites mentioned below.

- Carrizzo Solar Power  
9360 Carrisa Hwy (Hwy 58)  
Santa Margarita, CA 93453

If you have any questions or would like further information regarding your request, please contact me at (559) 297-3901.

Sincerely,

Barbara Doehring  
Regional Fileroom Coordinator

**RECEIVED**

**JUL 03 2007**

**URS-FRESNO**



Linda S. Adams  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Maureen F. Gorsen, Director  
1515 Tollhouse Road  
Clovis, California 93611



Arnold Schwarzenegger  
Governor

June 19, 2007

RECEIVED

JUN 22 2007

URS-FRESNO

Mr. Frank Gegunde  
URS  
30 River Park Place West, Suite 180  
Fresno, California 93720

PR1061877

Dear Mr. Gegunde:

We have received your Public Records Act Requests for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office for the sites mentioned below. Also, we do not have areas on our data base, only names and addresses of sites.

- 8968 and 9640 Carrisa Hwy, Simmler, CA 93453  
Carrizo Plains School, Carrizo Plains, Branch Mountain Road and Soda Lake Road

If you have any questions or would like further information regarding your request, please contact me at (559) 297-3901.

Sincerely,



Barbara Doehring  
Regional Fileroom Coordinator



**SAN LUIS OBISPO COUNTY HEALTH DEPARTMENT**  
**DIVISION OF ENVIRONMENTAL HEALTH**  
 2156 Sierra Way • P.O. Box 1489 • San Luis Obispo, California 93406  
 TELEPHONE (805) 781-5544 • FAX (805) 781-4211

November 1, 1994

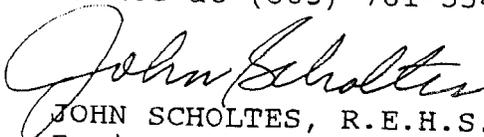
Carrizo Solar Corp.  
 9360 Hwy 58  
 California Valley, Ca 93453

**RE: UNDERGROUND TANK CLOSURE AT: CARRIZO SOLAR CORPORATION 9360  
 HWY 58, CALIFORNIA VALLEY, CA**

Based on the soil test results received by this office from AN/EN, Inc. dated 10/22/94, it has been determined that no further clean up action for the above location is required at this time.

Please be advised that this letter does not relieve you of any responsibilities mandated by the California Health & Safety Code if additional or previously unidentified contamination is later discovered at this location.

If you have any question regarding this matter, please contact this office at (805) 781-5544.



JOHN SCHOLTES, R.E.H.S.  
 Environmental Health Specialist III

cc: Paul Viborg, Viborg Sand & Gravel, Inc.

John.UST ltr.

Post-it® Fax Note	7671	Date	6/29/07	# of pages	11
To	FRANK GOGUMVO		From	June	
Co./Dept.	URS		Co.	SLO Co. E.H.	
Phone #			Phone #	(805) 781-5549	
Fax #	559) 256-1478		Fax #		

SAN LUIS OBISPO COUNTY  
Application for Permit to Abandon  
Underground Hazardous Materials Storage Tanks

Ck# 6961  
Receipt# \_\_\_\_\_  
Permit# \_\_\_\_\_

FACILITY: Name and Location CARRIZO Solar Corporation # 100.0

9360 Carrizo Hwy. Hwy 58

OWNER: Name: P.G. & E Contact: \_\_\_\_\_

Mailing Address: 406 Higuera St. San Luis Obispo CA.

Telephone: 800-743-5000

OPERATOR: Name: CARRIZO Solar Corp- Contact: Michael Ellison

Mailing Address: P.O. Box 10239 Albuquerque New Mexico

Telephone: 505 764-0345 87184-0239

CONTRACTOR: Name: Viborg Sand & Gravel, Inc Telephone: 805-238-2581

Mailing Address: 1529 N. River Rd., Paso Robles,

License: Class: A, C-21, Haz. Removal Number 507525

TYPE OF ABANDONMENT: Removal  Abandon in place \_\_\_\_\_ Temporary \_\_\_\_\_

Describe tank(s) involved, include what tank is made of, size, etc.

Previous or existing contents: 1 - 2,000 gal. Diesel fuel Tanks  
to be removed and disposed of.

Who will be doing required sampling? Myself, Paul Viborg

Final disposition of tank(s) ~~Hauled off to State Service~~  
to be used as Fire Protection.

1. Hauled off site not cleaned.

To State Permitted Facility: ~~State Service~~

Hazardous Waste Hauler: ~~Allwaste~~ Number ~~AD980384510~~

2. Cleaned and hauled off site to metal salvager.

Tank Cleaning Co.: \_\_\_\_\_ Metal Salvage Co.: \_\_\_\_\_

3. Cleaned and used aboveground. Tank Cleaning Co.: Allwaste

Hazardous Waste Hauler: Allwaste Number: CAD980384510

Address where tank(s) will be reused and intended use of: Rt. 1 Box 17, Templeton,

To be used for Fire Protection, Viborg Ranch.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM
1 NEW PERMIT
2 INTERIM PERMIT
3 RENEWAL PERMIT
4 AMENDED PERMIT
5 CHANGE OF INFORMATION
6 TEMPORARY TANK CLOSURE
7 PERMANENTLY CLOSED ON SITE
8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN
A. OWNER'S TANK I.D.# 40-000-025301
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR) Approx 1987
D. TANK CAPACITY IN GALLONS: 2,000

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.
A. 1 MOTOR VEHICLE FUEL
2 PETROLEUM
3 CHEMICAL PRODUCT
4 OIL
5 EMPTY
6 AVIATION GAS
7 METHANOL
8 GASAHOL
9 JET FUEL
99 OTHER
B. 1 PRODUCT
2 WASTE
C. 1a REGULAR UNLEADED
1b PREMIUM UNLEADED
2 LEADED
3 DIESEL
4 GASAHOL
5 JET FUEL
99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED
C. A. S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E
A. TYPE OF SYSTEM
1 DOUBLE WALL
2 SINGLE WALL
3 SINGLE WALL WITH EXTERIOR LINER
4 SECONDARY CONTAINMENT (VAULTED TANK)
95 UNKNOWN
99 OTHER
B. TANK MATERIAL (Primary Tank)
1 BARE STEEL
2 STAINLESS STEEL
3 FIBERGLASS
4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
5 CONCRETE
6 POLYVINYL CHLORIDE
7 ALUMINUM
8 100% METHANOL COMPATIBLE W/FRP
9 BRONZE
10 GALVANIZED STEEL
95 UNKNOWN
99 OTHER
C. INTERIOR LINING
1 RUBBER LINED
2 ALKYD LINING
3 EPOXY LINING
4 PHENOLIC LINING
5 GLASS LINING
6 UNLINED
95 UNKNOWN
99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES NO
D. CORROSION PROTECTION
1 POLYETHYLENE WRAP
2 COATING
3 VINYL WRAP
4 FIBERGLASS REINFORCED PLASTIC
5 CATHODIC PROTECTION
91 NONE
95 UNKNOWN
99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) Unknown OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE
A. SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER

V. TANK LEAK DETECTION
1 VISUAL CHECK
2 INVENTORY RECONCILIATION
3 VADOZE MONITORING
4 AUTOMATIC TANK GAUGING
5 GROUND WATER MONITORING
6 TANK TESTING
7 INTERSTITIAL MONITORING
91 NONE
95 UNKNOWN
99 OTHER

VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR) 1992
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 10 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT
APPLICANT'S NAME (PRINTED & SIGNATURE) Paul Wiborg
DATE 9-30-94

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW
STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #
40 000 025301 000001
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME <b>CARRIZO Solar Plant</b>		NAME OF OPERATOR <b>Carrizo Solar Corporation</b>		
ADDRESS <b>9360 Carrissa Hwy.</b>		NEAREST CROSS STREET <b>Bitter</b>	PARCEL # (OPTIONAL)	
CITY NAME <b>Santa Margarita</b>		STATE <b>CA</b>	ZIP CODE	SITE PHONE # WITH AREA CODE <b>775-2228</b>
<input checked="" type="checkbox"/> BOX TO INDICATE	<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> LOCAL-AGENCY DISTRICTS
	<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM	<input type="checkbox"/> 4 PROCESSOR
		<input checked="" type="checkbox"/> 5 OTHER	<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE <b>1</b>
TYPE OF BUSINESS		E. P. A. I. D. # (optional)		

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) <b>Vibory Paul</b>	PHONE # WITH AREA CODE <b>805-238-2581</b>	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST) <b>Same</b>	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME <b>P. G. + E</b>	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <b>406 Higuera St.</b>	<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME <b>San Luis Obispo</b>	<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
STATE <b>CA</b>	ZIP CODE <b>93401</b>	PHONE # WITH AREA CODE <b>800-</b>	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER <b>CARRIZO Solar Corporation</b>	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <b>P.O. Box 10239</b>	<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME <b>Albuquerque N.M.</b>	<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
STATE <b>N.M.</b>	ZIP CODE <b>87</b>	PHONE # WITH AREA CODE	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ **44-025263**

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input checked="" type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I.  II.  III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <b>Paul Vibory</b>	APPLICANT'S TITLE <b>Owner Vibory Soil Gravel</b>	DATE MONTH/DAY/YEAR <b>9/30/99</b>
--	--	---------------------------------------

LOCAL AGENCY USE ONLY

COUNTY # <b>40</b>	JURISDICTION # <b>000</b>	FACILITY # <b>025301</b>
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPERVISOR - DISTRICT CODE - OPTIONAL

805-781-5544

COUNTY OF SAN LUIS OBISPO HEALTH DEPARTMENT
Division of Environmental Health
P.O. Box 1489, San Luis Obispo, CA 93406

Routine Inspection
Reinspection No.
Complaint Investigation

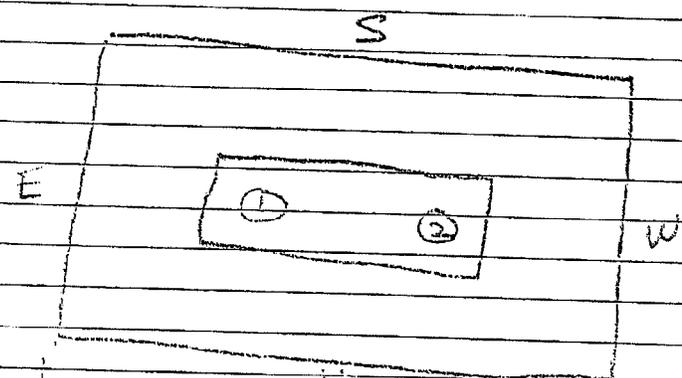
HAZARDOUS MATERIAL/UNDERGROUND STORAGE TANK/WASTE GENERATOR
INSPECTION REPORT/NOTICE OF VIOLATION

Facility Name: CARRIZO Solar
Facility Address: 9360 HWY 88
CAL VAC
Date: 10/14/96
Contact Person: PAUL UMBORG
Title/Position: CONTRACTOR

Table with columns for BUSINESS I.D. FORM, UNDERGROUND STORAGE TANKS, and WASTE GENERATORS. Includes rows for inventory, plot plan, emergency response, and training procedures.

The above marked items represent violations of the California Health & Safety Code and the California Code of Regulations and must be corrected

COMMENTS Pulled 2000 gal DIESEL TANK. TOOK 2 SAMPLES TEST FOR TPH AS DIESEL AT 10 FEET



Inspector's Signature
Owner/Operator Signature

NOTE: Signature indicates receipt of this document only and not an admission of the facts.

FROM : VIBORG S&G/OLE VIBORG INC

PHONE NO. : 805 2385021

P01

BUSINESS OFFICE

78 12TH STREET

PASO ROBLES, CA 93446

(H) (805) 238-7223



OPERATIONS OFFICE

1529 NORTH RIVER ROAD

PASO ROBLES, CA 93446

(G) (805) 238-2581

Fax (805) 238-5021

TO: Manny ~~Nete~~ Nete

DATE: 10/24/94

FROM: Paul

OF: S.L.C. County Health Dept.

FAX# 781-4211

RE: Viborg - Carrico Solar Cop.

COMMENTS: MANNY - This was faxed to us over the  
 weekend. This seems to be no confirmation.  
 They are going to mail me a copy of the original.  
 Please call when you get in.

THANK YOU!

PAGE 1 OF 3



**AN/EN Inc**

Analytical & Environmental Chemistry

10/22/94

A/E2755

PAUL VIBORG  
VIBORG SAND AND GRAVEL INC.  
1529 NORTH RIVER ROAD  
PASO ROBLES, CA 93446

This is the **CERTIFICATE OF ANALYSIS** for the following samples as received.

Client Project ID: **CARRIZO SOLAR CORP.**  
Date Received by Lab: 10/19/94  
Total Number of Samples: 2  
Sample Matrix: **SOIL**

Volatile Organics are analyzed in accordance with EPA Test Methods for Evaluating Solid Waste, (SW846), Third edition, July 1992. Method 5030 (Purge and Trap) is used for the sample preparation/introduction. Method 8010 (Halogenated Volatile Organics-GC/ELCD) or Method 8240 (Volatile Organics-GC/MS) is used for the analysis.

BTEX is analyzed in accordance with EPA Test Methods for Evaluating Solid Waste, (SW846), Third edition, July 1992. Method 5030 (Purge and Trap) is used for the sample preparation / introduction. Method 8020 (Aromatic Volatile Organics) is used for the analysis.

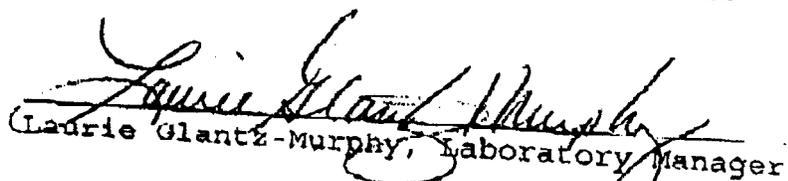
Total Volatile Petroleum Hydrocarbons (Gasoline) are analyzed in accordance with the California State Water Resources Control Board Leaking Underground Fuel Tank (LUFT) Field Manual, Last Revision October 1989. Method 5030 (Purge and Trap) is used for the sample preparation and introduction.

Total Extractable Petroleum Hydrocarbons (Diesel, Oil, Kerosene, Stoddard, etc.) are analyzed in accordance with the California State Water Resources Control Board Leaking Underground Fuel Tank (LUFT) Field Manual, Last Revision October 1989. EPA Method 3550 (Sonication) is used for sample extraction/preparation.

Total recoverable solvent soluble compounds (Oil & Grease) are analyzed under the guidelines of Standard Methods 18th Ed. (1992) - Method 5520 B (Partition-Gravimetric) & F (Petroleum Hydrocarbons). Solvent mixture used: 80% Hexane and 20% methyl-tert-butyl ether. Sonication is used for soil preparation.

AN/EN, Inc. is accredited by the California Department of Health Services; Certificate Number 1183, issued May 7, 1990. The DHS-Environmental Laboratory Accreditation Program can be reached at (510) 540-2800.

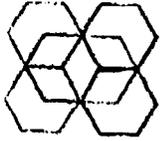
Reviewed and Approved:

  
Laurie Glantz-Murphy, Laboratory Manager

FROM : VIBOR6 S&G/OLE VIBOR6 INC PHONE NO. : 805 2385021

OCT-22-94 SAT 23:01 AN/EN INC.

4089830122



**AN/EN Inc**

Analytical & Environmental Chemistry

Laboratory Number: A/E2755

Project: CARRIZO SOLAR CORP.

Sample Matrix: SOIL

Date Received: 10/19/94

Sample Received: Brass Ring; <4°C; No Headspace.

Date of Analysis: 10/19/94

Concentration in sample expressed as mg/kg (ppm).

Sample ID	Diesel <sup>1</sup>
Practical Quantitation Limit (ppm)	10.
#1 EAST END OF TANK	ND
#2 WEST END OF TANK	ND

<sup>1</sup> Extractable Petroleum Hydrocarbons in the boiling range of Diesel, calculated as Diesel.

PQL = Practical Quantitation Limit (ppm).  
ND = None Detected at or above the PQL.

SOIL MS/MSD	MS %REC	MSD %REC	RPD	% REC 3S	RPD 3S	SAMPLE ID
Diesel	93	87	6.7	37 - 133	35.	A/E2755-01



**SAN LUIS OBISPO COUNTY HEALTH DEPARTMENT  
DIVISION OF ENVIRONMENTAL HEALTH**  
2156 Sierra Way • P.O. Box 1489 • San Luis Obispo, California 93406  
TELEPHONE (805) 781-5544 • FAX (805) 781-4211

**SAN LUIS OBISPO COUNTY DEPARTMENT-  
DIVISION OF ENVIRONMENTAL HEALTH**

**ABANDONMENT PERMIT**

PERMIT EXPIRES 12/12/94      PERMIT #403-1-A      FEE \$100.00      CK#6961

APPROVAL DATE 10/12/94      APPROVED BY JOHN SCHOLTES *JS*

CONTRACTOR NAME AND ADDRESS

Viborg Sand and Gravel, Inc.  
1529 N. River Road  
Paso Robles, CA 93446

FACILITY NAME AND ADDRESS

Carrizo Solar Corp.  
9360 Hwy 58  
California Valley, CA 93453

OWNER NAME AND ADDRESS

Carrizo Solar Corp.  
9360 Hwy 58  
California Valley, CA 93453

**CONDITIONS AS FOLLOWS:**

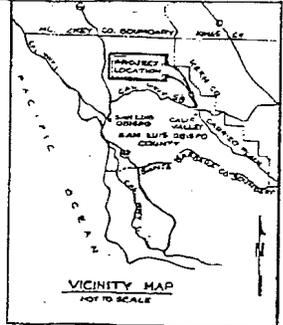
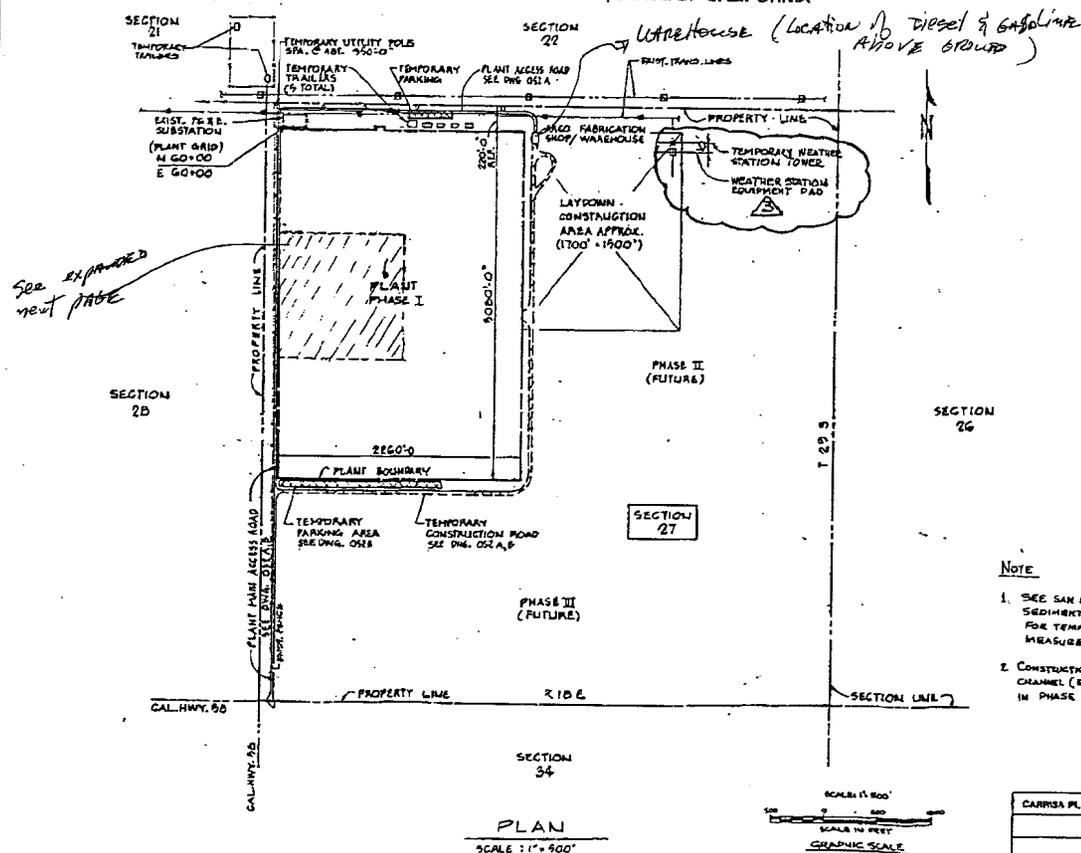
1. This is not a permit to operate.
2. Permit shall be shown upon request to this Department, County Air Pollution Control District, State Regional Water Board or any representative of local Fire, Building, Planning or Police jurisdiction.
3. Owner, contractor, employees and agents shall comply with all Federal, State and local laws, ordinances, regulations and enactments.
4. This permit may be suspended or revoked by this Department for sufficient cause.
5. A 48-hour notice shall be given before inspection, and a fee may be assessed if a 24-hour notice is not received to cancel inspection.
6. Tank must be cleaned and rendered inert.
7. All samples taken must be taken by a Certified Technician under guidance of this Department.
8. All rinsate must be hauled by a hazardous waste hauler.

forms\ust\abanpmt.blk  
kt 8/94

# CARRISA PLAIN PHOTOVOLTAIC POWER PLANT

CARRISA PLAIN, COUNTY OF SAN LUIS OBISPO, STATE OF CALIFORNIA

INDEX OF DRAWINGS		
DRAWING NO.	REV.	DESCRIPTION
4-051A	3	TITLE SHEET, LOCATION PLAN & LONG INDEX
4-051B	2	SITE SURVEY - PROPERTY PLAN
4-051C	2	SITE SURVEY - PROPERTY PLAN
4-051D	0	GENERAL NOTES
4-052A	2	SITE PREPARATION PLAN
4-052B	2	SITE PREPARATION PLAN
4-052C	5	SITE PREP. ENLARGED PLANS & DETLS.
4-052D	2	SITE PREP. SECTIONS
4-052E	1	SITE PREP. - PROFILE, SECTIONS & DETLS.
4-052F	3	SITE PREP. SECTIONS & DETAILS



- NOTE**
- SEE SAN LUIS OBISPO COUNTY APPROVED SEDIMENTATION AND EROSION CONTROL PLANS FOR TEMPORARY AND PERMANENT CONTROL MEASURES.
  - CONSTRUCTION OF DRAINAGE CHANNEL (EAST SIDE) NOT INCLUDED IN PHASE I



CARRISA PLAIN PHOTOVOLTAIC POWER PLANT/08200311	
DATE OF SHEET	FOR DRAINAGE ONLY
DATE OF SHEET	DATE OF SHEET
DATE OF SHEET	DATE OF SHEET
DATE OF SHEET	DATE OF SHEET

NO.	DESCRIPTION	DATE	BY	CHECKED	DATE
1	ISSUED FOR LAND USE PERMIT APPLICATION.	1/25/03	RSH	WJH	1/25/03
2	ISSUED FOR LAND USE PERMIT APPLICATION - OVER THECOST FACILITY.	2/10/03	RSH	WJH	2/10/03
3	ISSUED FOR CLIENT AND SAN LUIS OBISPO COUNTY REVIEW.	2/10/03	RSH	WJH	2/10/03
4	TEMP. REV. DUE TO INCOMPLETE COMMENTS FOR CLIENT COMMENT.	2/10/03	RSH	WJH	2/10/03
5	REVISED APPROVED FOR CONSTRUCTION - SUBJECT TO PERMITS BY SAN LUIS OBISPO COUNTY.	2/10/03	RSH	WJH	2/10/03
6	REVISED APPROVED PER S.L.O.C. COMMENTS.	2/10/03	RSH	WJH	2/10/03
7	REVISED THE WEATHER STATION & WIND PATTERNING.	2/10/03	RSH	WJH	2/10/03
8	REVISED THE WEATHER STATION & WIND PATTERNING.	2/10/03	RSH	WJH	2/10/03

ARCO SOLAR POWER PRODUCTION, INC.  
CARRISA PLAIN PHOTOVOLTAIC POWER PLANT  
CARRISA PLAIN, CALIFORNIA

**FLUOR**  
ENGINEERS, INC.

R.S./H.M.  
HARRINGTON  
HARRINGTON  
HARRINGTON  
HARRINGTON  
HARRINGTON

TITLE SHEET	
LOCATION PLAN & DRAWING INDEX	
AS NOTED	812700-4-051A
3	

