

**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT  
SAN JOAQUIN SOLAR HYBRID POWER  
STATIONS 1&2  
ASSESSOR'S PARCEL NOS.  
85-030-57S AND 85-030-58S  
WEST JAYNE AVENUE  
COALINGA, CALIFORNIA 92259

PREPARED FOR:  
SPINNAKER ENERGY, INC.

URS PROJECT NO. 27658031.01400

JUNE 12, 2008

R E P O R T

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Prepared for

Spinnaker Energy, Inc.  
12555 High Bluff Drive, Suite 100  
San Diego, CA 92130

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Robert K. Scott, P.G., C.Hg.  
Vice President and Principal Geologist



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Lowell Woodbury, REA  
Project Geologist

June 12, 2008

**URS**

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June 12, 2008

Mr. Kent Larsen  
Spinnaker Energy, Inc.  
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San Diego, CA 92130

Subject: Phase I Environmental Site Assessment  
San Joaquin Solar Hybrid Power Stations 1&2  
Assessor's Parcel Nos. 85-030-57s and 85-030-58s  
West Jayne Avenue  
Coalinga, California  
URS Project No. 27658031.01400

Dear Mr. Larsen:

URS Corporation (URS) is pleased to provide Spinnaker Energy, Inc. (SEI) this report, titled "Phase I Environmental Site Assessment, San Joaquin Solar Hybrid Power Stations 1&2, Assessor's Parcel Nos. 85-030-57s and 85-030-58s, West Jayne Avenue, Coalinga, California." This project was performed in accordance with our proposal to Spinnaker Energy, Inc. (SEI) dated April 22, 2008 and authorized on April 28, 2008.

We trust that this report provides you with the information required at this time. Should you have any questions regarding the content of this submittal, please do not hesitate to call. It has been a pleasure to be of assistance.

Sincerely,

URS CORPORATION



Robert K. Scott, P.G., C.Hg.  
Vice President and  
Principal Geologist



Lowell Woodbury, REA  
Project Geologist

RKS/LW:jh

Enclosures

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### EXECUTIVE SUMMARY

URS Corporation (URS) conducted a Phase I Environmental Site Assessment (ESA) for Spinnaker Energy, Inc. (SEI) of the San Joaquin Solar Hybrid Power Stations 1&2 (site or subject property) Assessor's Parcel Nos. 85-030-57s and 85-030-58s located on West Jayne Avenue in Coalinga, Fresno County, California. This assessment was accomplished by and limited to a site reconnaissance, survey of the site vicinity, and review of available 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 scope of services performed is in accordance with our proposal to SEI dated April 22, 2008. The format and content of this report are in general accordance with the ASTM International 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 effective November 1, 2006.

The subject site consists of a one-square-mile section totaling approximately 639 acres located approximately 4 miles east of Coalinga and approximately 3 miles west of Interstate 5. An approximate one-acre area along the eastern property boundary is not part of the property. Spinnaker Energy, Inc. (SEI) will be leasing the property for use as a solar and biomass energy generation facility. The site is owned and occupied by the Mouren family that operates W. J. Mouren Farming, Inc. The majority of the subject property is developed for agricultural use; however, a small portion of the northwestern corner and approximately the northeastern quarter and are vacant. Several crops are raised at the site including wheat, pistachios, cotton, safflower and garlic. Development observed onsite includes several unpaved service roads that separate different fields, a groundwater well with associated irrigation pump equipment and aboveground storage tanks (ASTs) located near the southwestern corner of the site, and an abandoned concrete pad in the vacant, northwestern corner of the site. There is a sheep dip located on the one-acre portion that is not part of the site.

Based on historical information reviewed, the majority of the subject property has remained vacant with development for agricultural and livestock use dating from approximately 1970. The northeastern quarter of the site lies within the Gujarral Hills Oil Field and six abandoned oil wells and two former oil tanks are documented to have been located in this area. No physical remains of these features were identified during the site visit. Development in the site vicinity identified on historic sources included the oil field northeast and east of the site, agricultural use adjacent to the south, west and north. The Coalinga State Hospital was developed after 2002 on the adjacent land to the west.

Based on available documentation and general topography across the site vicinity, groundwater is encountered at approximately 250 feet below ground surface (bgs) and is anticipated to follow topography and flow generally toward the southwest.

Limited hazardous materials use including commercial pesticides, herbicides common to commercial farming operations and diesel fuel used to support the irrigation pumps were reported and observed on site. Bulk pesticides were not reported or observed to be stored onsite and reportedly used only when mixed with the irrigation water. Diesel fuel is stored in one 2,000-gallon, steel AST. No secondary containment for the AST was observed at the time of the site visit. Four poly ASTs are used to store

groundwater and mix herbicides prior to pumping through the irrigation system. *De minimis* oil stains were observed on the soil adjacent to the diesel-fuel AST and beneath the irrigation pumps, and wet/moist soil was observed near one of the poly ASTs. These stains are minor and do not constitute a Recognized Environmental Condition (REC) for the site. However, the stained soil should be removed and properly disposed under appropriate waste manifest.

Generation of hazardous waste was not reported or identified onsite during the site visit. The site was not listed on the Environmental Data Resources (EDR) Radius Map Report, and no files under W. J. Mouren Farming, Inc. were reported by the County of Fresno Department of Environmental Health. Based on the results of the Phase I ESA, no RECs were identified on the site. RECs identified on the adjoining or nearby properties include only the sheep dip located on the one-acre portion that is not part of the site. Although in our opinion the following are not RECs, we note the following:

- The northeast portion of the site is part of the Guijarral Oil Field where there were six former oil wells. These have been abandoned and as well as two former oil tanks. Crude oil is a natural substance and not a hazardous material, but grading and construction could encounter soil containing crude oil (petroleum hydrocarbons). If encountered during construction, these materials will need to be treated for reuse or properly disposed at an off-site permitted landfill under appropriate waste manifest.
- Housekeeping practices have resulted in limited oil staining on the ground surface in the groundwater well area onsite. Although *de minimis*, if the equipment in this area is removed the oily soil should be excavated and disposed under appropriate waste manifest. Additionally, an approximately ½ to ¾-inch pipe from the diesel-fuel AST was observed to go underground. Although Mr. Anderson did not report any underground piping it appears that this pipe is the fuel line to the irrigation pumps. Based on site observations no evidence of leakage from this pipe was identified. However, if the AST is to be removed, care should be taken to excavate the underground piping and observe for potential leakage. Soil containing diesel-fuel should be treated or disposed under appropriate waste manifest.

**SECTION 1 INTRODUCTION**

Presented in this report are the results of the Phase I ESA conducted by URS of the San Joaquin Solar Hybrid Power Stations 1&2 Assessor's Parcel Nos. 85-030-57s and 85-030-58s on West Jayne Avenue east of Coalinga, California (subject property or site). The site is occupied by W. J. Mouren Farming that was reported to not have a local street address.

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.

**1.1 ASTM STANDARD AND ALL APPROPRIATE INQUIRY**

The format and content of this report are in general accordance with the ASTM Standard Practice for Environmental Site Assessments: Phase I Site Assessment Practice E 1527-05 and the United States Environmental Protection Agency's standards for AAI at 40 CFR Part 312.

**1.1.1 All Appropriate Inquiry Standards**

The USEPA Rule on AAI was developed to establish landowner liability protections to property owners under the Comprehensive Environmental Response, Compensation, and Liability Act (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 superseded ASTM Standard 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 reasonable 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 to 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 Standard Practice for Environmental Site Assessments (Standard E 1527-05) was approved November 1, 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, groundwater 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 ESA is to gather information about the subject site 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.

## **1.3 SCOPE OF SERVICES**

The Scope of Services performed is in accordance with the proposal to Spinnaker Energy, Inc. (SEI) dated April 22, 2008. The format and content of this Phase I ESA Report are in general accordance with the USEPA's standards for AAI and ASTM Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process.

This Report 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 driving tour of areas at the subject property that were accessible by existing paths and a drive-by survey of surrounding and adjacent properties. To meet the objective of this Update, 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 ¼-mile of the site to observe types of general land use. 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 search radii 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.
- Facilitated and reviewed an environmental lien search for the subject property. The environmental lien search report was conducted by EDR.
- Included review of pertinent available documents and maps regarding local physiographic and hydrogeologic conditions in the site vicinity including the potential presence of wetlands, floodplains, coastal zones, aquifer recharge areas, and nearby environmentally sensitive sites.

- Included review of available historical aerial photographs and archival U.S. Geological Survey (USGS) topographic maps of the site and vicinity available from EDR for evidence of previous site activities and development that would suggest the potential presence of hazardous substances at the site. The historical topographic map report and historical aerial photographs are presented in Appendices C and D, respectively.
- 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 SEI 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 associated work have been provided in accordance with the terms and conditions of our proposal to SEI April 22, 2008. Based on the scope of services outlined in the proposal, the ESA specifically did not include testing for radon gas, testing of groundwater, or evaluation of wetlands or cultural resources. In addition, this ESA did not include a compliance audit.

**SECTION 2 SITE DESCRIPTION****2.1 LOCATION AND DESCRIPTION**

The subject site consists of two contiguous parcels totaling approximately 639 acres located on West Jayne Avenue approximately 4 miles east of Coalinga and approximately 3 miles west of Interstate 5 in Fresno County, California in the California Central Valley (Figures 1 and 2). An approximate one-acre area along the eastern property boundary is not part of the property. Based on general information provided by SEI the site is owned by the Mouren family. James Anderson is the chief executive officer of W. J. Mouren Farming, Inc.

**2.2 FEATURES/USE**

The majority of the subject property, which encompasses one complete one-square-mile section, is developed for agricultural use, however, a small portion of the northwestern corner and approximately the northeastern quarter and are vacant. Several crops are raised at the site including wheat, pistachios, cotton, safflower, and garlic. Development observed onsite includes several unpaved service roads that separate different fields, a groundwater well with associated irrigation pump equipment and above ground storage tanks (ASTs) located near the southwestern corner of the site, an abandoned concrete pad in the vacant northwestern corner of the site and two abandoned livestock structures near the eastern side of the site that appear to have been related to livestock feeding, corralling, and dipping. Views of the property are shown in Photographs 1 through 9 presented in Appendix A.

**2.3 SITE VICINITY AND ADJACENT PROPERTIES**

The subject property is located within the California Central Valley in an area primarily developed for agricultural use. Prominent adjoining land uses are as follows:

North: West Jayne Avenue which traverses a west-east direction from City of Coalinga to the west to the Highway 5 to the east bounds the north side. Beyond West Jayme Avenue are non-irrigated agricultural fields. The Gujarral Hills Oil Field is observed on USGS topographic maps to be located northeast the site (EDR, 2008).

South: An unpaved road traverses the southern boundary of the site beyond which is irrigated agricultural land. An irrigation water canal is located near the southwestern corner of the site. A sign indicating the presence of a buried petroleum pipeline was observed close to the boundary at the southwestern corner of the site. This pipeline appears to traverse the southern boundary of the site.

East: An unpaved road traverses the eastern boundary of the site beyond which it is primarily vacant land with few structures. The land to the east of the site was shown on USGS topographic maps to be part of the Gujarral Hills Oil Field (EDR, 2008). Trash and other waste including furniture, car parts, clothes, paint cans, and construction debris (discussed in Section 5.7) were observed to have been dumped on the vacant land near the site

boundary. A sheep dip is also located on that portion of the section that is not part of the site (Figure 2).

West: The adjacent property to the west is occupied by the Coalinga State Hospital at 24511 West Jayne Avenue. The Pleasant Valley State Prison at 24863 West Jayne Avenue lies beyond the hospital. Some signs identifying the presence of a buried petroleum pipeline were observed close to the western boundary of the property. This pipeline appears to run from north to south along the western property boundary and then turn east along the southern property boundary.

**SECTION 3 PHYSICAL SETTING**

The site is mapped as Section 3 of Township 21 South, Range 16 East of the Mount Diablo Base and Meridian on the Gujarral Hills, California, California, 7½-minute topographic quadrangle map, (EDR, 2008). The site lies in the western portion of the Great Valley Physiographic Region of California, near the eastern side of the Coast Ranges. The site is located within Pleasant Valley, in the southwestern portion of the San Joaquin Valley, and on the southwestern flank of the Gujarral Hills. The site includes two parcels totaling approximately 639 acres approximately 5 miles east of Coalinga. The site is located in the south side of West Jayne Avenue and currently just east of the Coalinga city limits and within the jurisdiction of Fresno County.

**3.1 TOPOGRAPHY**

Based on review of the USGS topographic maps of the site and vicinity (EDR, 2008), the topography of the site is nearly level agricultural land with a gentle slope from northeast to the southwest. The site elevations range from approximately 620 feet above mean sea level (msl) in the northeastern corner to 570 feet above msl in the southwestern corner of the site. The site is incised by some unnamed northeast-southwest direction drainage, mainly located in the northeastern quarter of the site that have been partially-graded and partially-converted into agricultural land.

**3.2 SURFACE WATER**

The nearest mapped surface drainages are Zapato Chino Creek approximately 2,000 feet southeast, and Los Gatos Creek approximately one mile north and northwest of the site. The nearest mapped surface water includes the wastewater treatment ponds located at the adjacent Coalinga State Hospital property to the west, and an irrigation canal located approximately 100 feet from the southwestern corner of the site. Surface water runoff from the site and the surrounding land generally flows toward the southwest into Zapato Chino Creek (EDR, 2008). No surface water bodies were observed on site during the site visit.

**3.3 GEOLOGY AND HYDROGEOLOGY**

The site is located in the Pleasant Valley subbasin of the San Joaquin Valley Groundwater Basin that lies along the west side of the San Joaquin Valley. The subbasin is surrounded by Tertiary-age continental and marine sediments of the Coast Ranges and the western flank of the Kettleman Hills and includes the alluvium of the San Joaquin Valley (CRWQCB, 2006). The site is mapped as underlain primarily by Quaternary-age alluvium and Plio-Pleistocene-age sedimentary rocks that are described as alluvial fan sediments composed of sandy lean and fat clay. Bedrock is believed to be present several hundred feet below ground surface (bgs) in this area.

A geotechnical report for the California State Hospital located adjacent to the western side of the site dated March 2000 states that groundwater was not encountered to depths of 51 feet bgs. The latest California Department of Water Resources Map of Equal Groundwater Elevations (Spring, 2004) indicates that the depth to groundwater beneath the site is at an approximate elevation of 300 feet msl or approximately 300 bgs. Groundwater was reported to be pumped from a depth of approximately 250 feet bgs from the onsite groundwater well. Because groundwater flow generally mimics topography, it is

assumed that the direction of groundwater flow beneath the site is generally toward the southwest. However, the direction of flow may be affected by pumping wells located in the site vicinity.

Local groundwater is of poor quality and contains high concentrations of sodium, sulfate, and total dissolved solids (TDS) that are even considered only marginally acceptable for crop irrigation (CRWCB, 2006). Due to the lack of surface water and the poor quality of groundwater resources with the watershed, the Coalinga Canal distributes water to the City of Coalinga and other surrounding areas.

**SECTION 4 SITE HISTORY**

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.

**4.1 HISTORIC SANBORN FIRE INSURANCE MAPS**

URS requested historic Sanborn Fire Insurance maps of the subject property and vicinity from EDR. EDR reported that historical Sanborn Fire Insurance maps are not available for the vicinity of the subject property.

**4.2 HISTORIC CITY DIRECTORIES**

Because there does not appear to be a street address for the site, an historic city directory search was performed by EDR for West Jayne Avenue based on the adjacent hospital address of 24511 West Jayne Avenue. The EDR report included directory listings covering generally four-year intervals from 1972 through 2007. No addresses were reported in any of the directories for any of the years covered (EDR, 2008).

**4.3 HISTORIC USGS TOPOGRAPHIC MAPS**

URS reviewed historic USGS topographic quadrangle maps of “Guijarral, California” dated 1956 and 1971; “Avenal, California” dated 1954 and 1971; “Canoas Creek-Avenal, California” dated 1950, “Polvadero Gap, California” dated 1947; and “Coalinga, California” dated 1912 available from EDR. The historical topographic map report is presented in Appendix C. The following is a summary of the review.

The 1912 map shows the site and immediate vicinity as generally vacant undeveloped land. The town of Coalinga is mapped approximately six miles west of the site. Southern Pacific railroad tracks are mapped through the Guijarral Hills north of the site. Several undeveloped paths are mapped in the vicinity south and west of the site. The main roads in site vicinity including Jayne Avenue that bounds the northern side of the site and Sutter Avenue and El Dorado east of the site are shown on the 1947 map. The undeveloped paths that bound the eastern and southern sides of the site were also shown. Many undeveloped paths were shown in the vicinity of Polvadero Ranch and Zapato Chino Creek within the Polvadero Gap, approximately one mile northeast of the site.

By 1956, a grid of undeveloped paths was mapped generally along the section boundaries in the site vicinity. The Guijarral Hills Oil Field was developed in the Guijarral Hills and Polvadero Gap northeast of the site. The southwestern boundary of the oil field appeared to be located on the northeastern corner of the site where a small network of roads was mapped that included two labeled oil tanks and five symbols depicting the location of wells. A landing strip was labeled adjacent to the eastern boundary of the site. The remaining southwestern majority of the site remained undeveloped and vacant. No changes were observed on the site on the 1971 maps compared to the 1956 maps, although the landing strip adjacent to the eastern boundary of the site was no longer present.

#### **4.4 HISTORIC AERIAL PHOTOGRAPHS**

URS reviewed historic aerial photographs from 1957, 1965, 1981, 1994, 2002 and 2005 available from the EDR. A summary of the relevant interpretation of these photographs is presented below. The photographs are provided in Appendix D.

The aerial photograph from 1957 shows the site as primarily vacant land. West Jayne Avenue was observed traversing the site vicinity and defining the northern boundary of the site, and unpaved roads defined the eastern, western and southern boundaries of the one square-mile site. Onsite development consisted of a small oil field identified in the northeastern corner of the site. The oil field was identified based on a review of sources discussed in Section 5.12 that document six oil wells that have been drilled and abandoned on this portion of the site. Additionally, oil field features are mapped onsite and in the site vicinity on historic topographic maps (discussed above). Based on review of the 1957 photograph, the oil field consists of a network of roads leading to several small graded areas (well pads) with earthen berms. Two ASTs are visible at the location of the oil tanks labeled on the 1956 topographic map (discussed above) and several small ponds were observed in this area. The ponds are typically associated with oil well drilling to contain and circulate drilling mud. Two similar well features were observed on the adjacent property to the northeast. Other onsite development appeared to be an agricultural field in the southeastern corner of the site and an unpaved path that traversed northeast from the southwestern corner of the site and joined a smaller unpaved path that traversed northwest generally bisecting the site.

The site appears generally unchanged in the 1965 photograph compared to the photograph from 1957, although large dark tonal areas were observed on the agricultural field unpaved path and in the southeastern corner of the site. It is not known what these dark tonal areas represent. It is possible that they may be the result of burning residual plant matter from the fields. Significant agricultural development was observed on neighboring properties to the south and west.

The well field appeared to have been abandoned in the 1981 photograph as the network of roads and well pads appear overgrown. No evidence of the dark staining was observed in the southeastern corner of the site seen in the 1965 photograph. The unpaved road that runs east-west bisecting the present northern field from the present southern field was observed and an additional north-south unpaved path was observed near the south-central boundary of the site. However, only the southeastern corner of the site appears to be cultivated for agricultural use. The site appears generally unchanged in the 1994 photograph compared to the photograph from 1981.

Extensive agricultural development was observed on the western half of the site for the first time in the 2002 photograph. Only the southwestern portion of the site was shown in the 2005 photograph. The entirety of this portion of the site depicted consisted of row crops. The Coalinga State Hospital site and associated water treatment ponds were developed on the property immediately west of the site.

#### **4.5 EDR HISTORICAL DATABASE REVIEW**

URS reviewed the results of the EDR Proprietary Historical Database search for manufactured gas plants, historical auto stations and historical cleaners facilities presented in the EDR Radius Map report in order to identify past and current occupants of the subject property and surrounding area that may have had the

potential to generate, use or store hazardous materials. No manufactured gas plants, historical auto stations or dry cleaners were reported at the site address in the EDR report reviewed. The EDR Radius Map Report is presented in Section 6.1 and included as Appendix B.

#### **4.6 USER PROVIDED INFORMATION**

URS interviewed the site owner, Mr. James Anderson, by telephone on May 19, 2008 to describe current and historic uses of the site. The interview occurred approximately 2 weeks following the site reconnaissance. Information from this interview is presented throughout this report. Mr. Anderson is the CEO of W. J. Mouren Farming Inc. that has occupied the site since 1990. W.J. Mouren Farming Inc. leased the site from 1990 through 1998 and purchased the property in 1998. The site has been used for raising crops since 1970 prior to which time the site served as pasture.

Mr. Anderson reported that he had no knowledge of the historic oil field in the northeastern corner of the site or of any historic raising of livestock onsite.

One groundwater well was reportedly installed onsite in 2004 and an associated diesel-fuel AST used to fuel an irrigation pump installed in 2006. Mr. Anderson reported that prior to installation of the groundwater well, water for irrigation was obtained from neighboring wells. The diesel fuel was obtained from offsite sources.

##### **4.6.1 Title Records**

SEI provided URS copies of title documents including a Title Policy from Pillsbury, Winthrop, Shaw, Pittman, LLC for the site dated May 6, 2008. These documents referenced many agreements between Union Oil Company and Standard Oil Company and many oil and gas field references.

##### **4.6.2 Environmental Liens**

URS reviewed the Environmental Lien Search conducted by EDR. The search included the two parcels 85-030-57s and 85-030-58s. According to the report, no environmental liens were identified for either parcel (EDR, 2008). Additionally, based on review of the EDR database report (see Section 6.0 of this report), no Federal NPL (Superfund) liens or deed restrictions were identified associated with the subject property. Mr. Anderson indicated that to the best of his knowledge, no environmental liens are associated with the subject property and he was unaware of past environmental issues regarding the subject property, or any use limitations affecting the subject property.

##### **4.6.3 Other Activity and Use Limitations**

As noted above, URS reviewed the Environmental Lien Search conducted by EDR for the subject property parcel numbers. This document also reported that no other activity or use limitations were identified (EDR, 2008).

#### 4.6.4 Valuation Reduction for Environmental Issues

Mr. Anderson did not indicate that the property value of the site has decreased due to environmental issues.

#### 4.6.5 Previous Environmental Reports

No previous Phase I ESA documents were reported and none were provided for URS' review.

### 4.7 DATA GAPS

No significant data gaps were encountered during the review of historical documentation for the subject property. Based on information obtained from a variety of sources, URS does not consider the data gaps identified herein to be significant.

**SECTION 5 SITE RECONNAISSANCE**

On May 7, 2008, Mr. Eduardo Ortega of URS conducted a reconnaissance of the subject property to observe and document existing site conditions. URS' site reconnaissance included a driving reconnaissance of the areas of the property accessible by existing road, and a drive-by survey of surrounding and adjacent properties within ¼-mile of the site. Site photographs (Photographs 1 through 20) are provided in Appendix A.

The subject site is an approximately 640-acre section developed primarily for agricultural use; however, approximately the northeastern quarter of the site and a small square area of the northwestern corner of the site are vacant and undeveloped (Figure 2, Photographs 7 and 10). The main entrance is from West Jayne Avenue at the northwestern corner of the site (Photograph 1). The interior of the site is also accessible from unpaved roads surrounding the eastern, western and southern sides. A low barbed wire fence delineates the boundaries of the site from the adjacent properties to the west, north and south. Several unpaved paths traverse the interior portions of the site that divide the site into separate fields. One groundwater well and well-related equipment, including diesel-powered irrigation water pumps, water filtration units and aboveground storage tanks are located in the southwestern corner of the site (Figure 2).

The majority of the site is developed for irrigated agricultural use presently growing crops including wheat, pistachios, cotton, safflower and garlic. At the time of the site visit, the vacant, northeastern quarter of the site had been graded and no other activity was observed. Mr. Anderson reported that he is not aware of any historic agricultural activity taking place in this portion of the site. An approximately 400 square foot concrete slab, partially buried electrical cables and what appeared to be the remains of a gravel access road leading to the slab from the western boundary road of the site were observed in the vacant area near the northwestern corner of the site (Figure 2, Photograph 10). Mr. Anderson reported that he does not know of the former use of this area, but assumes that the slab was likely the foundation of a former temporary office bungalow. This slab area was reported to have been used by W. J. Mouren Farming, Inc. as a tractor parking and equipment staging area, although no maintenance activity was reported to have taken place. No unusual staining was observed on the concrete slab at the time of the site visit.

Two abandoned structures were observed near the eastern boundary of the site. One small wooden structure is located within what appeared to be former corral area. A sheep dip is located on the one-acre portion of the section that is not part of the site. Mr. Anderson reported that he believed these features to have been related to the raising of livestock, but could not provide any more detail (Figure 2, Photographs 8, 11 and 12) The sheep dip is further discussed in Section 5.8.

No utility services including electricity, water, sewer or septic services were observed or reported to be provided to the site. No sign of stressed vegetation was observed at the time of the site visit.

**5.1 HAZARDOUS SUBSTANCES**

Hazardous substances reported and observed on site include diesel fuel, stored in one 2,000-gallon AST (discussed below), small quantities of lubricating/motor oil and pesticides stored at the groundwater well location near the southwestern corner of the property (Figure 2). The diesel fuel and motor oil are used in

support of two irrigation water pumps located adjacent to the groundwater well. Mr. Anderson reported that commercial pesticides common to the industry began to be used onsite between 2005 and 2006. Typical annual volumes of pesticides used were not reported, but Mr. Anderson indicated that when pesticides are used onsite, they are mixed with the water near the groundwater well location and not stored onsite. Chemical containers observed adjacent to the groundwater well and irrigation pump at the time of the site visit included one, 2½-gallon jug of fungicide, two, 30-gallon drums of herbicide and several small containers of motor oil. These containers were stored on the groundwater well concrete slab and adjacent bare soil. Minor leaks and stains were observed on these containers and on the surrounding ground surface. Additionally, one approximately one-gallon bucket of rodent bait pellets was observed adjacent to the diesel-fuel AST. Evidence of unauthorized disposal of hazardous materials was not observed at the time of the site visit.

## **5.2 STORAGE TANKS**

Five ASTs were observed onsite at the groundwater well location near the southwestern corner of the site. These ASTs and equipment associated with the groundwater well, including irrigation water pumps, were reportedly installed between 2005 and 2006. Two 1,200-gallon and two 500-gallon poly ASTs were reported to be used for storage of groundwater and mixing with fertilizer and/or pesticides prior to pumping into the irrigation system (Photographs 3 and 13).

One approximately 2000-gallon capacity metal AST was reported to store diesel fuel for the irrigation pumps. The AST was reported to be 5 years old and installed at the site in 2006. Minor leakage from valves or piping joints and oily staining was observed on the ground at both ends of the AST (Photographs 14 and 15). Leakage from the AST body was not observed. No secondary containment measures were observed to be associated with the AST. An approximate ½- to ¾-inch pipe lead underground from the AST plumbing (Photograph 15). It is assumed that this pipe serves as a fuel line to support the irrigation pumps approximately 30 feet away, but Mr. Anderson reported that he was not aware of any underground piping. Surface staining is discussed in Section 5.9.

Two oil tanks were mapped in the northeastern portion of the site on the 1956 and 1971 USGS topographic maps (Figure 2). No evidence of these tanks was observed during the site visit. Mr. Anderson reported that he does not have any knowledge of these ASTs. No additional historic information was available regarding these tanks.

Two approximately 1,000,000-gallon capacity water ASTs are located on the Coalinga State Hospital property adjacent to the western side of the site (Photographs 1 and 7).

No underground storage tanks USTs were currently reported or known to historically be onsite. Evidence of UST such as vent lines or fill ports was not observed onsite during the time of the site visit.

## **5.3 POLYCHLORINATED BIPHENYLS (PCBs)**

Three pole-mounted electrical transformers were observed near the northwestern and southwestern corners and along the southern boundary of the site (Figure 2, Photograph 10). Each of these units is located on the site boundary and may actually be considered to be offsite, because the poles on which they are mounted may lie on the outside the site boundary fence. These transformers belong to Pacific

Gas & Electric Company and no stains or evidence of leaks were observed on or beneath the units. No sources of potential PCBs or PCB-containing equipment were observed onsite at the time of the site visit.

#### **5.4 WASTE DISPOSAL**

No site-generated waste was reported or observed at the time of the site visit. Some wind-blown trash was observed onsite including paper, cardboard, and plastic bottles along West Jayne Avenue. Concrete washout and some metal piping were observed on the southern side of the site.

#### **5.5 WETLANDS, FLOODPLAIN, COASTAL ZONE**

No Federal wetland areas are mapped onsite (EDR, 2008). Several wetland areas are mapped greater than one mile northwest of the site along Los Gatos Creek. No other wetland areas are mapped in the site vicinity. Wetland areas were not observed on the subject property at the time of the site visit.

According to the FEMA floodplain panel maps for the site vicinity the northwestern boundary of a 100-year flood event zone lies within one-quarter mile southeast of the site boundary (EDR, 2008). The site is not located in a coastal zone.

#### **5.6 DRUMS/OTHER CHEMICAL CONTAINERS**

Several plastic drums and chemical containers were observed onsite at the groundwater well location. These drums and containers were discussed in Sections 5.1 and 5.9.

#### **5.7 DUMPING**

Evidence of unauthorized dumping of chemicals or hazardous substances was not observed onsite during the site reconnaissance. Minor wind-blown trash was addressed above.

A debris field that included household trash, discarded furniture, mattresses, construction debris, tires, car parts, piping, appliances, one-gallon paint cans and motor oil cans was observed off site along the eastern site boundary (Figure 2, Photographs 16 and 17). Some small paint stains were observed on the ground and some of this debris appeared to have been burned.

#### **5.8 PITS, PONDS, LAGOONS, SEPTIC SYSTEMS, CISTERNS, SUMPS, DRAINS, AND CLARIFIERS**

No pits, ponds, lagoons, septic systems, cisterns, drains or clarifiers were observed or reported on the subject property. A below-grade feature identified as a former sheep dip was observed on the one-acre portion of the section near the eastern boundary that is not part of the site (Figure 2, Photographs 11 and 12). Further research by URS indicates this feature is a sheep dip with an associated dripping platform. The purpose of a sheep dip was to pass the animals through a bath containing pesticides to rid the animals of insect pests. Once through the dip, the animals were allowed to drip on a dripping platform before being released. Mr. Anderson could not confirm the use of pesticides at this location since use of the sheep dip predated W.J. Mouren Farming Inc.'s use and ownership of the property. A natural

depression or drainage was observed near the southeastern boundary of the site. No standing water was observed in this feature at the time of the site visit.

## **5.9 STAINING AND DISCOLORED SOILS**

Stained or discolored soils observed onsite at the time of the site visit consisted of oil stains at the groundwater well area near the southwestern corner of the site (Figure 2). It appears that a pea gravel layer has been placed over the native soil around the well and main pump pad and that some absorbent litter has been used on some stained areas. Stained areas observed included primarily the base of the western side of the diesel AST (Photograph 15), minor staining at the base of the eastern side of the AST, significant oil staining beneath the trailer-mounted, diesel-fuel powered irrigation pump (Photograph 18), minor oily staining on the concrete groundwater well pad adjacent to the main irrigation pump (Photograph 19), and moist staining beneath the valve of one of the poly ASTs used to mix herbicides and pesticides with groundwater prior to pumping to the irrigation system (Photograph 20). Based on observations at the time of the site visit of the limited nature of the stained areas (*de minimis*) it is our opinion that these stains do not constitute a REC. However, the stained soil should be removed and properly disposed under appropriate waste manifest.

## **5.10 STRESSED VEGETATION**

Stressed vegetation was not observed onsite during the reconnaissance.

## **5.11 UNUSUAL ODORS**

Unusual odors were not noted during the reconnaissance.

## **5.12 ONSITE WELLS**

One groundwater well was reported and observed at the southwestern corner of the site (Figure 2, Photograph 19). Mr. Anderson reported that it was installed in 2004 and drilled to a total depth of approximately 1,100 feet bgs to supply irrigation water for the farm. The groundwater table is approximately 250 feet bgs and the well yield is reported to be approximately 1,400 gallons per minute (gpm).

One abandoned groundwater well, pump and piping was observed offsite near the southwest corner of the site (Figure 2). This feature and related equipment do not lie within the site boundaries and do not appear to be the responsibility of W. J. Mouren Farming, Inc. Although this well is not in use, it is not known if it was abandoned in accordance with state, county and local regulations.

Review of the Munger Map Book of California and Alaska Oil and Gas Fields, and the California Department of Conservation, Division of Oil, Gas & Geothermal Resources (DOGGR) Map 503 of the East Coalinga Extension, Gujarral Hills, and Pleasant Valley Fields shows six oil wells located on the northeastern corner of site (Figure 2). These wells are identified as Chevron USA Inc wells #62, #71, #73, #81, #82 and #84 within the northeast quarter of Section 3. Two of the wells (#71 and #73) are mapped as “plugged and abandoned – dry hole”, and the remaining wells are mapped as “plugged and abandoned – oil”. A copy of DOGGR Map 503 is provided in Appendix E.

Limited information regarding two of these wells (Chevron wells #62 and #71) was available on the DOGGR internet site. Information available indicated that well #62 was abandoned in November 1990 by backfilling the casing with approximately 162 cubic feet of sand-cement slurry and cutting and removing the steel casing at 5 feet bgs. The well was drilled and cased to a depth of approximately 8,790 feet in April 1950. Well #71 was abandoned in October 1978 by plugging with concrete. The conductor casing was removed at 6 feet bgs. The total depth was reported at 8,808 feet and it was drilled in 1949.

### **5.13 NEARBY ENVIRONMENTALLY SENSITIVE SITES**

One environmentally sensitive site was identified in the site vicinity. The Coalinga State Hospital located at 24511 West Jayne Avenue is adjacent to the west side of the site. Other environmentally sensitive sites, such as day-care centers, were not observed within one-quarter mile of the subject property.

### **5.14 ASBESTOS**

An asbestos survey was not included in the Scope of Services performed for this Phase I ESA. There are no current or historic structures onsite that appear to contain potential asbestos-containing building materials.

### **5.15 LEAD-BASED PAINT**

A lead-based paint survey was not included in the scope of this Phase I ESA. There are no current or historic structures onsite that appear to contain potential lead-based paint.

### **5.16 RADON**

A survey of indoor radon concentrations by the state indicated the radon zone level for Fresno County, California is 2. Zone 2 areas are predicted to have an indoor radon screening potential ranging from less than or equal to 2.0 picocuries per liter of air (pCi/l) to less than or equal to 4.0 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 (EDR, 2008).

### **5.17 OTHER CONCERNS**

No other concerns were identified by the site contact.

**SECTION 6 GOVERNMENT AGENCY INFORMATION**

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.

**6.1 DATABASE LIST SEARCH**

URS contracted the environmental database firm EDR to conduct a search for facilities listed by regulatory agencies as potentially having environmental concerns. The search was extended up to 1.0 mile (*i.e.*, ASTM and AAI standards) from the subject property to assess whether activities on or near the subject property have the potential to have resulted in RECs at the subject property. The complete list of databases reviewed is provided in the EDR Radius Map Report (included as Appendix B) and is summarized in the table presented in Section 6.1. 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 conducting environmental due diligence. The databases searched and the information obtained are summarized in Sections 6.1.1 and 6.1.2.

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.

**Table 1  
Agency Database Results**

Agency Database	Survey Distance	Number of Sites Identified
United States Environmental Protection Agency (EPA) National Priority List (NPL) for Superfund Sites	2.0	0
U.S. Proposed NPL List	2.0	0
U.S. National Priority List Deletions (Delisted NPL) List	2.0	0
NPL Recovery List (Federal Superfund Liens)	1.0	0
U.S. EPA Comprehensive Environmental Response, Compensation and Liability Index System (CERCLIS) List	1.5	0
U.S. EPA CERCLIS – No Further Remedial Action Planned (CERCLIS-NFRAP)	1.5	0
U.S. EPA Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) List	2.0	0
U.S. EPA RCRA Permitted Treatment, Storage, and Disposal (TSD) Facilities	1.5	0

**Table 1  
Agency Database Results  
(Continued)**

Agency Database	Survey Distance	Number of Sites Identified
U.S. EPA RCRA Registered Large Generators of Hazardous Waste (RCRIS LQG)	1.25	0
U.S. EPA RCRA Registered Small Generators of Hazardous Waste (RCRIS SQG)	1.25	1
U.S. EPA Emergency Response Notification System (ERNS) List	1.0	2
U.S. Hazardous Materials Incident Reporting System (HMIRS)	1.0	0
U.S. Engineering Controls Sites (ENG Controls) List	1.5	0
U.S. Sites with Institutional Controls (INST Controls) List	1.5	0
U.S. Record of Decision (ROD) List	2.0	0
State Hazardous Waste Sites (Cal-Sites)	2.0	0
State Hazardous Material Incidents, Including Accidental Releases and Spills (CHMIRS)	1.0	0
State Hazardous Waste and Substances Sites (Cortese)	1.5	2
State Proposition 65 Database (Notify 65)	2.0	0
State Toxic Pits Cleanup Act Sites (Toxic Pits)	2.0	0
State Permitted Solid Waste Landfill, Incinerators or Transfer Stations (SWF/LF) List	1.5	0
State Waste Management Unit Database System (WMUDS/SWAT)	1.5	0
State Leaking Underground Storage Tank (LUST) List	1.5	0
State Bond Expenditure Plan (CA Bond Exp. Plan)	2.0	0
State Underground Storage Tanks (UST) List	1.25	1
State Site Cleanup (SLIC) List	1.5	0
State Voluntary Cleanup Program (VCP)	1.5	0
State Underground Storage Tanks on Indian Land (Indian UST)	1.25	0
State Leaking Underground Storage Tanks on Indian Land (Indian LUST)	1.5	0
State Facility Inventory Database of historic active and inactive UST locations (CA FID UST)	1.25	2
State Hazardous Substance Storage Container Database of historic UST sites (HIST UST)	1.25	1
State SWEEPS UST database	1.25	2
State Site Mitigation and Brownfields Reuse Program (ENVIROSTOR) database	2.0	0

**Table 1  
Agency Database Results  
(Continued)**

Agency Database	Survey Distance	Number of Sites Identified
Fresno County, Certified Unified Program Agency (CUPA)	1.25	2
EDR Proprietary Records: Manufactured Gas Plants	2.0	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	6

**6.1.1 Subject Property**

The subject property was not identified in the EDR Radius Map Report.

**6.1.2 Adjacent Properties**

One adjacent property was listed in the EDR report. The Coalinga State Hospital located adjacent to the west side of the site at 24511 Jayne Avenue was reported on the HAZNET database as having disposed of waste/mixed oil and on the AIRS database for having emissions to the air including carbon monoxide and nitrogen and sulfur dioxides. No violations were reported.

**6.1.3 Site Vicinity**

URS reviewed the EDR database report to identify offsite facilities that have suspected or documented environmental concerns or RECs that may negatively impact the subject property. URS’ criteria for further evaluating the potential impact of a listed offsite facility are summarized below:

- The listed offsite facility is documented or assumed to be hydrogeologically upgradient and a likely pathway exists for known releases of environmentally mobile contaminants to reach the subject property; or, contaminants from the listed offsite facility can reach the subject through other pathways (*i.e.*, surface runoff);
- The offsite facility is listed as an open case on one of the following databases: Federal NPL, Federal CORRACTS, Federal CERCLIS, Federal ERNS, and State-Specific lists including, but not limited to State Hazardous Waste Sites, State SCL, State LUST, State Deed Restrictions, State Toxic Pits, Landfill (excluding transfer stations); or

- The facility is a known or suspected concern based on URS' experience or observations made during the site reconnaissance (*i.e.*, dry cleaning operations that may or may not be listed as RCRA-SQG or a non-adjacent UST site that appears to have a remediation system in place).

Several nearby properties were reported in the EDR report including the Pleasant Valley Prison located west of the site at 24863 Jane Avenue. Although the prison was reported as having a registered underground storage tank and was reported as using hazardous materials and generating hazardous waste there was no reported evidence to suspect an unauthorized release of these materials to the environment.

Two leaking underground storage tank cases were reported in the site vicinity. Both cases impacted soil only and were reported as closed. Based on the criteria noted above, these listings have not resulted in a REC for the subject site.

#### 6.1.4 Unmapped or "Orphan Site" Facilities

Numerous facilities were identified on the EDR Report as "orphan sites" which are facilities that have not been geocoded due to lack of sufficient data regarding their exact location within the general area. The majority of the listed facilities appear on lists that document businesses that use or generate hazardous materials or waste but do not specifically document a release to the environment, or enough location information was provided to plot the facility a significant distance from the subject site. Therefore these facilities do not appear to have potential to impact the subject property with hazardous materials. One facility, Nuevo Energy Co-Pleasant/Provadero, was reported on Jayne Avenue two miles west of Interstate 5, approximately one and one-half mile east of the subject site. This facility was listed on the Fresno County Certified Unified Program Agency (CUPA) database. No further information was available. Based on the reported distance from the site, it is our opinion that this facility does not have significant potential to have impacted it. A full summary of agency databases can be found in the EDR Database Report provided as Appendix B.

## 6.2 REGULATORY CONTACTS

URS contacted local and state agencies to obtain information regarding the site, such as the status of environmental permits, violations, or corrective actions. Agencies contacted regarding the subject property and a summary of the information obtained are provided below.

**California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control (DTSC), Clovis Office** – The DTSC reported that they that they had no documents on file regarding W. J. Mouren Farming, Inc. on West Jayne Avenue (Toles, 2008).

**California Regional Water Quality Control Board (RWQCB)** – The Fresno Branch Office of the RWQCB reported that they that they had no documents on file regarding W. J. Mouren Farming, Inc. on West Jayne Avenue (Medrano, 2008).

**Office of the California Fire Marshal Pipeline Safety Division (PSD)** – The PSD reported that based on the street address of the adjacent Coalinga State Hospital (24511 West Jayne Avenue) and the intersection of South El Dorado and West Jayne Avenue, no pipelines within their jurisdiction were identified (Dowdy, 2008).

**San Joaquin Valley Air Pollution Control District (APCD)** – The APCD reported having 12 files for Mouren Farms Enterprises facilities but based on available address information (reported cross streets in the Coalinga area) none of the files on record pertained to the subject property (Pollastrini, 2008).

**County of Fresno Environmental Health Division Certified Unified Program Agency (CUPA)** – The CUPA reported that they had no documents on file regarding W. J. Mouren Farming, Inc. on West Jayne Avenue (Francis, 2008).

**Fresno Kings Unit of the County of Fresno Department of Cal Fire (Cal Fire)** – Cal Fire reported that information regarding hazardous materials use or storage and records regarding underground storage tanks for properties near Coalinga are maintained by the County of Fresno Environmental Health (CalFire, 2008).

**SECTION 7 CONCLUSIONS**

URS conducted a Phase I ESA of the San Joaquin Solar Hybrid Power Stations 1&2 located on West Jayne Avenue approximately 4 miles east of Coalinga, Fresno County, California. The subject property is identified by APNs 85-030-57s and 85-030-58s and contains approximately 639 acres. An approximate one-acre area along the eastern property boundary is not part of the property and includes a sheep dip. The property is developed primarily for agricultural use and has been occupied by W. J. Mouren Farming, Inc. since 1990.

Based on the scope of services performed to date, no RECs were identified on the subject site. RECs identified on adjoining or nearby properties included only the sheep dip located on the acre identified as “not a part” on Figure 2. Although in our opinion the following are not RECs, we note the following:

- Six former oil wells have been abandoned and two former oil tanks were identified in the northeastern corner of the site. Crude oil is a natural substance and not a hazardous material, but grading and construction could encounter soil containing crude oil (petroleum hydrocarbons). If encountered during construction, these materials will need to be treated for reuse or properly disposed at an off-site permitted landfill under appropriate waste manifest.
- Housekeeping practices have resulted in the groundwater well area onsite, in our opinion that these stains do not constitute a REC for the site. However, if the equipment in this area is removed the oily soil should be excavated and disposed under appropriate waste manifest. Additionally, an approximately ½- to ¾-inch pipe from the diesel-fuel AST was observed to go underground. Although Mr. Anderson did not report any underground piping, it appears that this pipe is the fuel line to the irrigation pumps. Based on site observations, no evidence of leakage from this pipe was identified. However, if the AST is to be removed, care should be taken to excavate the underground piping and observe for potential leakage. Soil containing diesel-fuel should be treated or disposed under appropriate waste manifest.

**SECTION 8 PREPARER SIGNATURE AND QUALIFICATIONS**

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

The report was written by Mr. Lowell Woodbury of the URS office in San Diego, California. Mr. Woodbury has over 18 years of experience in environmental site investigations, characterizations, and assessments.

The site reconnaissance was performed and the work was conducted by Mr. Lowell Woodbury and the report was reviewed by Mr. Robert Scott, P.G., C.Hg., Principal Geologist and Vice President, with over 19 years experience in the environmental field, including 15 years experience with Phase I Environmental Site Assessments.

Mr. Scott 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. Scott 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. Woodbury, he has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

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Robert K. Scott, P.G., C.Hg.  
Principal Geologist

**SECTION 9 REFERENCES**

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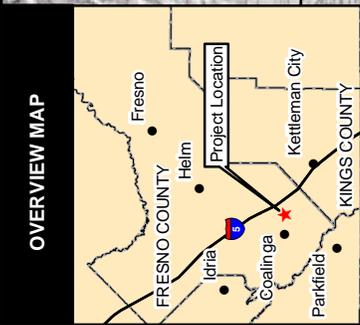
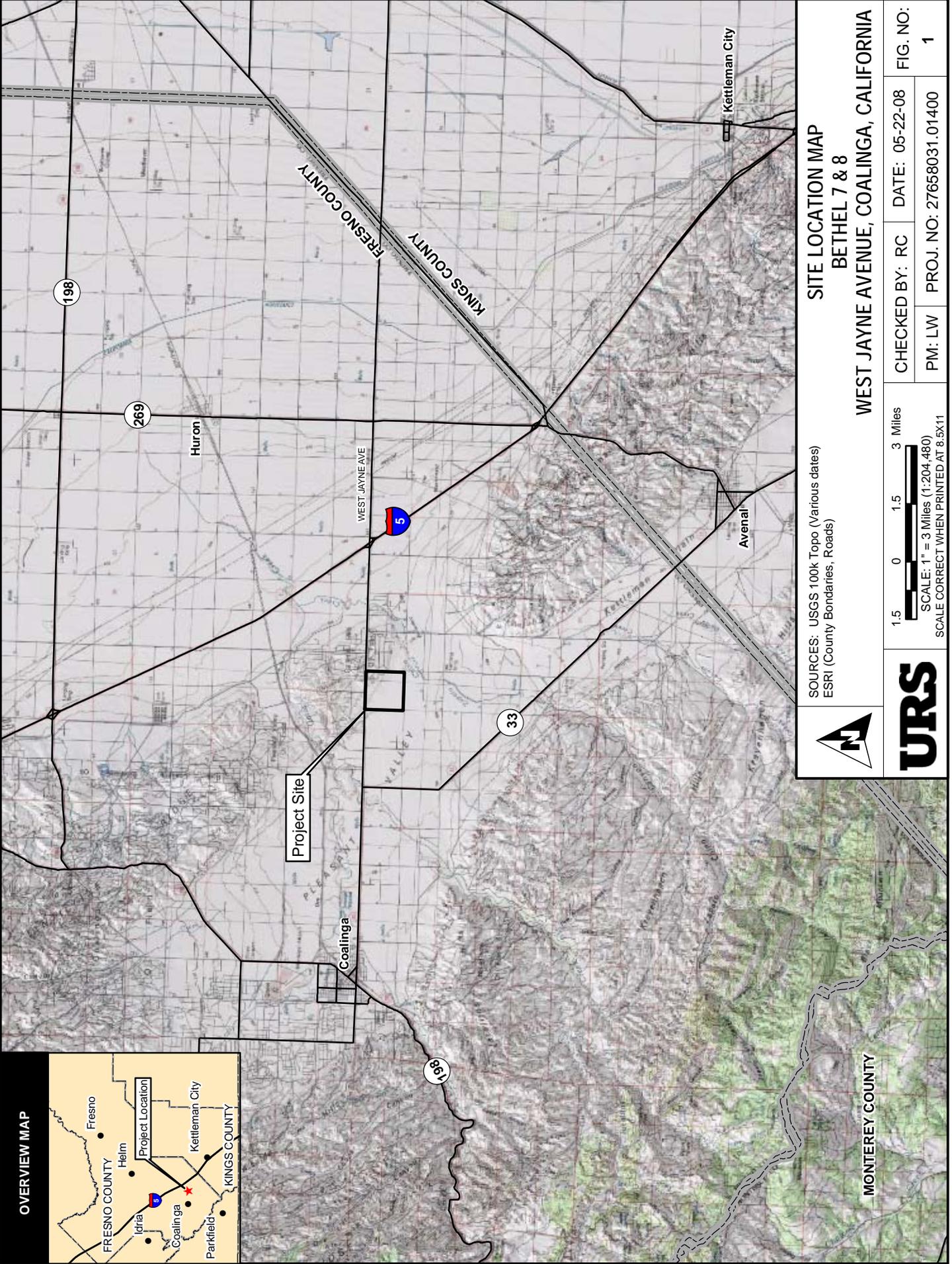
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Pollastrini, Cathy, 2008. Records Clerk, San Joaquin Valley Air Pollution Control District, personal communication, May 29.

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SOURCES: USGS 100k Topo (Various dates)  
ESRI (County Boundaries, Roads)

### SITE LOCATION MAP BETHEL 7 & 8

#### WEST JAYNE AVENUE, COALINGA, CALIFORNIA



1.5 0 1.5 3 Miles  
SCALE: 1" = 3 Miles (1:204,480)  
SCALE CORRECT WHEN PRINTED AT 8.5X11

CHECKED BY: RC DATE: 05-22-08 FIG. NO:  
PM: LW PROJ. NO: 27658031.01400 1







**Photograph 1**

**Comments:**  
View to the south through the main site entrance at the northwestern corner of the site from West Jayne Avenue. Note the 1,000,000-gallon water tanks on the adjacent property to the west.



**Photograph 2**

**Comments:**  
View to the east across the central portion of the site along an unpaved road separating the northern field on the left from the southern field on the right.



**Photograph 3**

**Comments:**  
View to the west across the southern boundary of the site from near the central portion of the site. Note the ASTs and groundwater well and pump area in the background.



**Photograph 4**

**Comments:**  
View to south from center of the site along unpaved road dividing the southern fields.



**Photograph 5**

**Comments:**  
View to the north from the center of the site along unpaved road dividing northern fields.



**Photograph 6**

**Comments:**  
View to the south from the north central boundary of the site. The northern field is on the right and the former oil well field is on the left.



**Photograph 7**

**Comments:**  
View to the west along the northern boundary of the site from near the northeastern corner of the site.



**Photograph 8**

**Comments:**  
View to the west from the east-central boundary across the site of the former livestock corral and feeding structure.



**Photograph 9**

**Comments:**  
View to the north along the eastern boundary of the site from the southeastern corner of the site.



**Photograph 10**

**Comments:**  
Concrete slab in the vacant area near the northwestern corner of the site. Note the pole-mounted transformer on the western property boundary and water tanks on the adjacent Coalinga State Hospital property in the background.



**Photograph 11**

**Comments:**  
View to south of sheep dip that is on the portion of the section not part of the site along the eastern site boundary.



**Photograph 12**

**Comments:**  
Trough portion of sheep dip that is on the section but not part of the site.



**Photograph 13**

**Comments:**  
 ASTs adjacent to the groundwater well near the southwestern corner of the site. Four poly ASTs used to mix fertilizer and pesticide with groundwater prior to pumping into the irrigation system. The 2,000-gallon diesel-fuel AST is at the left side of the photograph.



**Photograph 14**

**Comments:**  
 2,000-gallon diesel-fuel AST located adjacent to the groundwater well near the southwest corner of the site.



**Photograph 15**

**Comments:**  
Oil stains on the ground beneath the valve on the eastern side of the diesel-fuel AST. Note the piping that leads underground.



**Photograph 16**

**Comments:**  
Debris field located offsite adjacent to the eastern boundary of the site.



**Photograph 17**

**Comments:**  
Debris field located offsite adjacent to the eastern boundary of the site showing a portion of burned debris.



**Photograph 18**

**Comments:**  
Oily stains on the second (trailer-mounted) irrigation pump and on the ground beneath the unit.



**Photograph 19**

**Comments:**  
 Oil stains on the groundwater well and irrigation pump pad that extends of the pad to the adjacent gravel. Note the 30-gallon drum of herbicide with automatic feed into the pump and the 2½-gallon jug of fungicide stored on the pad.



**Photograph 20**

**Comments:**  
 Moist staining on the bare soil beneath one of the poly ASTs at the groundwater well area. The AST is used to mix herbicides and pesticides prior to pumping into the irrigation system.





**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Bethel Energy 7 & 8  
West Jayne Avenue  
Coalinga, CA 93210**

**Inquiry Number: 2210247.2s**

**May 02, 2008**

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

WEST JAYNE AVENUE  
COALINGA, CA 93210

#### COORDINATES

Latitude (North): 36.123890 - 36° 7' 26.0"  
Longitude (West): 120.237200 - 120° 14' 13.9"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 748650.1  
UTM Y (Meters): 4001024.8  
Elevation: 575 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	36120-B2 GUIJARRAL HILLS, CA
Most Recent Revision:	1971
South Map:	36120-A2 AVENAL, CA
Most Recent Revision:	1978
Southwest Map:	36120-A3 KREYENHAGEN HILLS, CA
Most Recent Revision:	1978
West Map:	36120-B3 COALINGA, CA
Most Recent Revision:	1979

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

#### FEDERAL RECORDS

NPL..... National Priority List

## EXECUTIVE SUMMARY

<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>LIENS 2</b> .....	CERCLA Lien Information
<b>CORRACTS</b> .....	Corrective Action Report
<b>RCRA-TSDF</b> .....	RCRA - Transporters, Storage and Disposal
<b>RCRA-LQG</b> .....	RCRA - Large Quantity Generators
<b>RCRA-CESQG</b> .....	RCRA - Conditionally Exempt Small Quantity Generator
<b>RCRA-NonGen</b> .....	RCRA - Non Generators
<b>US ENG CONTROLS</b> .....	Engineering Controls Sites List
<b>US INST CONTROL</b> .....	Sites with Institutional Controls
<b>HMIRS</b> .....	Hazardous Materials Information Reporting System
<b>DOT OPS</b> .....	Incident and Accident Data
<b>US CDL</b> .....	Clandestine Drug Labs
<b>US BROWNFIELDS</b> .....	A Listing of Brownfields Sites
<b>DOD</b> .....	Department of Defense Sites
<b>FUDS</b> .....	Formerly Used Defense Sites
<b>LUCIS</b> .....	Land Use Control Information System
<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>DEBRIS REGION 9</b> .....	Torres Martinez Reservation Illegal Dump Site Locations
<b>MINES</b> .....	Mines Master Index File
<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>HIST FTTS</b> .....	FIFRA/TSCA Tracking System Administrative Case Listing
<b>SSTS</b> .....	Section 7 Tracking Systems
<b>ICIS</b> .....	Integrated Compliance Information System
<b>PADS</b> .....	PCB Activity Database System
<b>MLTS</b> .....	Material Licensing Tracking System
<b>RADINFO</b> .....	Radiation Information Database
<b>FINDS</b> .....	Facility Index System/Facility Registry System
<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>SWRCY</b> .....	Recycler Database
<b>CA FID UST</b> .....	Facility Inventory Database
<b>SLIC</b> .....	Statewide SLIC Cases
<b>LIENS</b> .....	Environmental Liens Listing
<b>AST</b> .....	Aboveground Petroleum Storage Tank Facilities
<b>CHMIRS</b> .....	California Hazardous Material Incident Report System
<b>Notify 65</b> .....	Proposition 65 Records

## EXECUTIVE SUMMARY

<b>DEED</b> .....	Deed Restriction Listing
<b>VCP</b> .....	Voluntary Cleanup Program Properties
<b>DRYCLEANERS</b> .....	Cleaner Facilities
<b>WIP</b> .....	Well Investigation Program Case List
<b>CDL</b> .....	Clandestine Drug Labs
<b>RESPONSE</b> .....	State Response Sites
<b>HAULERS</b> .....	Registered Waste Tire Haulers Listing
<b>ENVIROSTOR</b> .....	EnviroStor Database

### TRIBAL RECORDS

<b>INDIAN RESERV</b> .....	Indian Reservations
<b>INDIAN ODI</b> .....	Report on the Status of Open Dumps on Indian Lands
<b>INDIAN LUST</b> .....	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b> .....	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

<b>Manufactured Gas Plants</b> ...	EDR Proprietary Manufactured Gas Plants
<b>EDR Historical Auto Stations</b>	EDR Proprietary Historic Gas Stations
<b>EDR Historical Cleaners</b> .....	EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

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

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

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

### FEDERAL RECORDS

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2008 has revealed that there is 1 RCRA-SQG site within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>TRIPLE D FARMS</i></b>	<b><i>24953 W JAYNE AVE</i></b>	<b><i>1 - 2</i></b>	<b><i>NNW D12</i></b>	<b><i>16</i></b>

## EXECUTIVE SUMMARY

**ERNS:** The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2007 has revealed that there are 2 ERNS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COALINGA PROPERTY 378300 S DER	COALINGA PROPERTY 37830	1/4 - 1/2NNW A1		6
COALINGA FIELD STATION 4 S36A	COALINGA FIELD STATION	1/4 - 1/2NNW A2		6

### STATE AND LOCAL RECORDS

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

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 Cortese sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WESTSIDE FIRE PROTECTION</b>	<b>25600 JAYNE</b>	<b>1 - 2 NW</b>	<b>14</b>	<b>19</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WILDE RANCH</b>	<b>24951 JANE AVE</b>	<b>1 - 2 NNW</b>	<b>D11</b>	<b>14</b>

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

A review of the LUST list, as provided by EDR, and dated 01/07/2008 has revealed that there are 2 LUST sites within approximately 1.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WESTSIDE FIRE PROTECTION</b> Facility Status: Case Closed	<b>25600 JAYNE</b>	<b>1 - 2 NW</b>	<b>14</b>	<b>19</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WILDE RANCH</b> Facility Status: Case Closed	<b>24951 JANE AVE</b>	<b>1 - 2 NNW</b>	<b>D11</b>	<b>14</b>

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

A review of the UST list, as provided by EDR, and dated 04/08/2008 has revealed that there is 1 UST site within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>PLEASANT VALLEY STATE PRISON</b>	<b>24863 JAYNE AVE</b>	<b>1/2 - 1 NNW</b>	<b>C6</b>	<b>7</b>

## EXECUTIVE SUMMARY

**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 approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>L.C.V. GIN, INC.</b>	<b>24000 JAYNE AVE</b>	<b>1 - 2 NNE</b>	<b>13</b>	<b>17</b>

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

A review of the Fresno Co. CUPA list, as provided by EDR, and dated 01/16/2008 has revealed that there are 2 Fresno Co. CUPA sites within approximately 1.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>PLEASANT VALLEY STATE PRISON</b>	<b>24863 JAYNE AVE</b>	<b>1/2 - 1 NNW</b>	<b>C6</b>	<b>7</b>
WILLIAM MOUREN WILDO RANCH	24951 JAYNE	1 - 2 NNW	D9	12

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>L.C.V. GIN, INC.</b>	<b>24000 JAYNE AVE</b>	<b>1 - 2 NNE</b>	<b>13</b>	<b>17</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WILLIAM MOUREN WILDE RANCH	24951 JAYNE AVE	1 - 2 NNW	D10	12

**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 12/31/2006 has revealed that there are 4 HAZNET sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HENSEL PHELPS CONSTRUCTION COM	24511 W JAYNE AVE	1/2 - 1 N	B4	7
COALINGA STATE HOSPITAL	24511 JAYNE AVE	1/2 - 1 N	B5	7
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>DOC - PLEASANT VALLEY STATE PR</b>	<b>24863 W JAYNE AVE</b>	<b>1/2 - 1 NNW</b>	<b>C7</b>	<b>8</b>
CALIFORNIA ST PRISON COALINGA	24863 W JAYNE AVE	1/2 - 1 NNW	C8	11

## EXECUTIVE SUMMARY

**AIRS:** Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the AIRS list, as provided by EDR, and dated 12/31/2005 has revealed that there are 2 AIRS sites within approximately 1 mile of the target property.

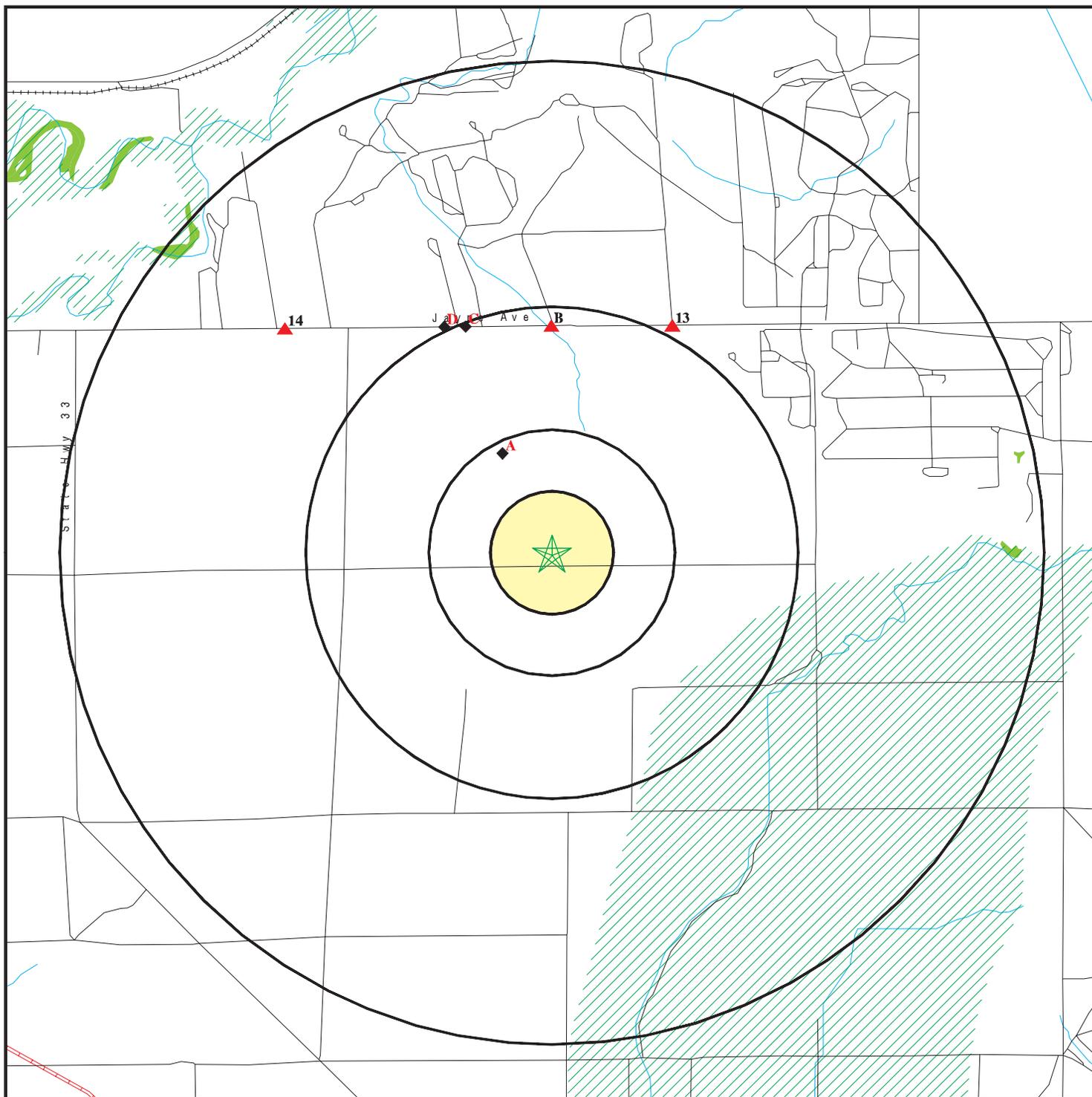
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COALINGA STATE HOSPITAL	24511 W JAYNE AVE	1/2 - 1 N	B3	6
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>DOC - PLEASANT VALLEY STATE PR</i>	<i>24863 W JAYNE AVE</i>	<i>1/2 - 1 NNW C7</i>		<i>8</i>

## EXECUTIVE SUMMARY

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

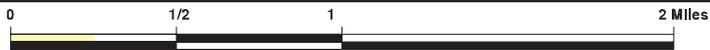
<u>Site Name</u>	<u>Database(s)</u>
WELL TEC GRANITE CONSTRUCTION COMPANY	SWEEPS UST FINDS, HAZNET, Fresno Co. CUPA, SWEEPS UST
PRIEST VALLEY STATION	SWEEPS UST
UNOCAL PUMP STATION	SWEEPS UST
HWY 198 MILE MARKER 20, E/OF H	CDL
FIRESTONE AVE, 3/4 MI N OF WAR	CDL
MOBILE GASE STATION ON HWY 98	CDL
OAKLAND AVENUE AT HIGHWAY 145	CDL
HIGHWAY 198 @ MILEMARKER 20	CDL
CHEVRON	Fresno Co. CUPA
AT&T MOBILITY-COALINGA 27649	Fresno Co. CUPA
SOUTH VALLEY MATERIALS	Fresno Co. CUPA
COALINGA COMM & CARGO AIRLINE	HIST UST, Fresno Co. CUPA
SHELL PIPELINE CO/CALIOLA STATION	Fresno Co. CUPA
NUEVO ENERGY CO-PLEASANT/PROVADERO	Fresno Co. CUPA
OLD COALINGA DUMPSITE	Fresno Co. CUPA
PG&E COALINGA #1 SUBSTATION	Fresno Co. CUPA
SOUTHERN PACIFIC TRANSPORTATION CO	DEED
SHELL CO OF CA INC COALINGA REF	CERC-NFRAP
GRANITE ROCK CO	CERC-NFRAP
ABANDONED OIL REFINERY	CERC-NFRAP
WELL TEC	HIST UST
GRANITE CONSTRUCTION COMPANY	HIST UST, AIRS
COALINGA PLANTS FACILITY	AST
SOUTH VALLEY MATERIAL PLANT 83	AST
SVM	AST
COALINGA SOLID WASTE SITE	WMUDS/SWAT, CA WDS
CALTRANS DIST 6/CONSTRUCTION	HAZNET
A & I TRUCKING INC	HAZNET
TANIMURA & ANTLE INC	HAZNET
A & M TRANSPORT INC	HAZNET
PG&E GATES SUBSTATION	RCRA-SQG, FINDS, HAZNET
SHELL OIL COMPANY	RCRA-SQG, FINDS, HAZNET
PACIFIC GAS & ELECTRIC CO	HAZNET
UNOCAP COALINGA PUMP STATION	HAZNET
PG&E GATES SUBSTATION	HAZNET
ENVIRONMENTAL DISPOSAL SERVICE	RCRA-SQG, FINDS
SOUTH VALLEY MATERIALS INC	FINDS, AIRS
COALINGA SOLID WASTE SITE	CA WDS
CAL DEPT OF WATER RESOURCES	AIRS

# OVERVIEW MAP - 2210247.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

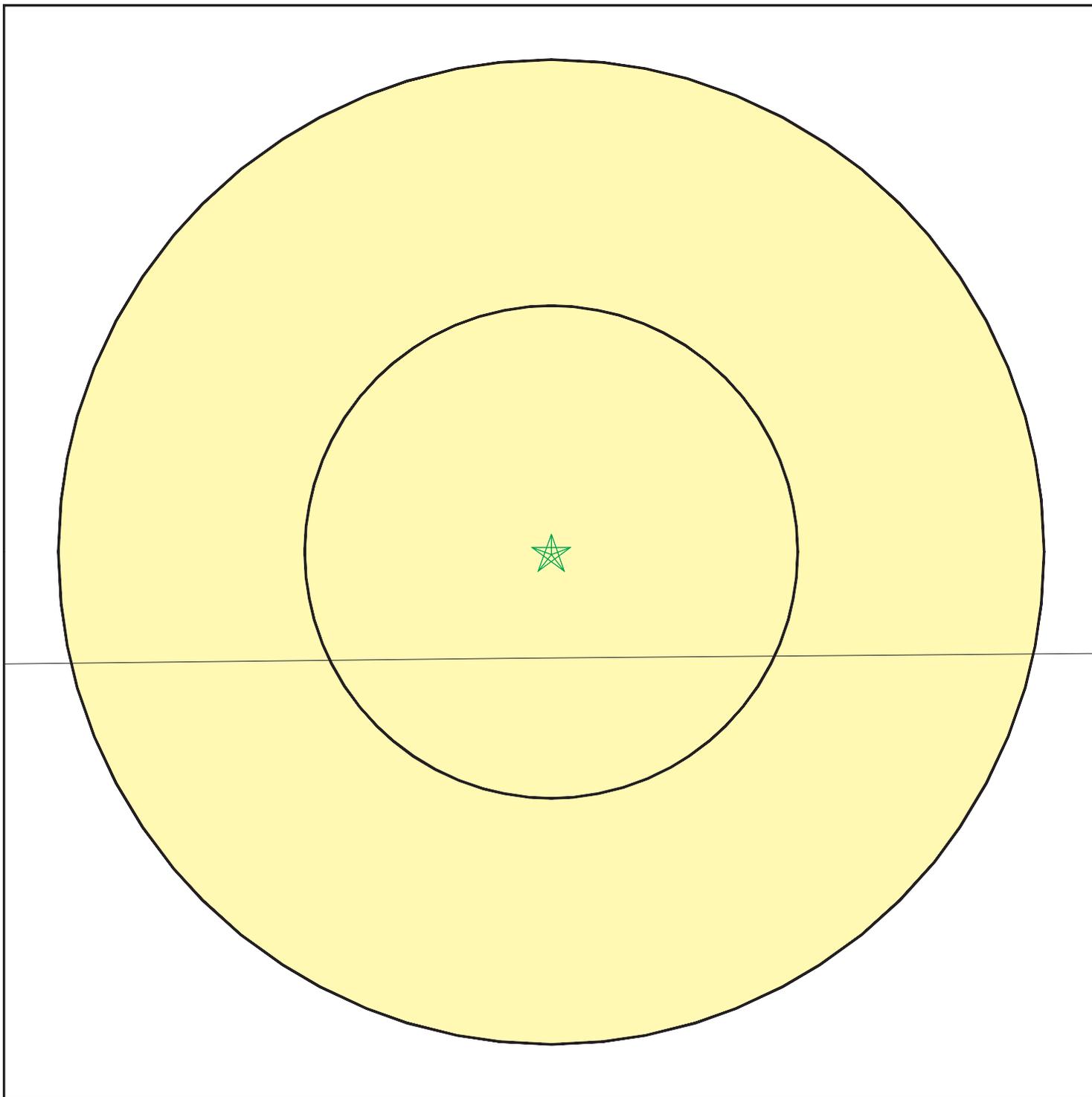


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Bethel Energy 7 & 8  
 ADDRESS: West Jayne Avenue  
 Coalinga CA 93210  
 LAT/LONG: 36.1239 / 120.2372

CLIENT: URS Corporation  
 CONTACT: Lowell Woodbury  
 INQUIRY #: 2210247.2s  
 DATE: May 02, 2008 9:31 am

# DETAIL MAP - 2210247.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites



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



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

SITE NAME: Bethel Energy 7 & 8  
 ADDRESS: West Jayne Avenue  
 Coalinga CA 93210  
 LAT/LONG: 36.1239 / 120.2372

CLIENT: URS Corporation  
 CONTACT: Lowell Woodbury  
 INQUIRY #: 2210247.2s  
 DATE: May 02, 2008 9:31 am

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		2.000	0	0	0	0	0	0
Proposed NPL		2.000	0	0	0	0	0	0
Delisted NPL		2.000	0	0	0	0	0	0
NPL LIENS		1.000	0	0	0	0	NR	0
CERCLIS		1.500	0	0	0	0	0	0
CERC-NFRAP		1.500	0	0	0	0	0	0
LIENS 2		1.000	0	0	0	0	NR	0
CORRACTS		2.000	0	0	0	0	0	0
RCRA-TSDF		1.500	0	0	0	0	0	0
RCRA-LQG		1.250	0	0	0	0	0	0
RCRA-SQG		1.250	0	0	0	0	1	1
RCRA-CESQG		1.250	0	0	0	0	0	0
RCRA-NonGen		1.000	0	0	0	0	NR	0
US ENG CONTROLS		1.500	0	0	0	0	0	0
US INST CONTROL		1.500	0	0	0	0	0	0
ERNS		1.000	0	0	2	0	NR	2
HMIRS		1.000	0	0	0	0	NR	0
DOT OPS		1.000	0	0	0	0	NR	0
US CDL		1.000	0	0	0	0	NR	0
US BROWNFIELDS		1.500	0	0	0	0	0	0
DOD		2.000	0	0	0	0	0	0
FUDS		2.000	0	0	0	0	0	0
LUCIS		1.500	0	0	0	0	0	0
CONSENT		2.000	0	0	0	0	0	0
ROD		2.000	0	0	0	0	0	0
UMTRA		1.500	0	0	0	0	0	0
ODI		1.500	0	0	0	0	0	0
DEBRIS REGION 9		1.500	0	0	0	0	0	0
MINES		1.250	0	0	0	0	0	0
TRIS		1.000	0	0	0	0	NR	0
TSCA		1.000	0	0	0	0	NR	0
FTTS		1.000	0	0	0	0	NR	0
HIST FTTS		1.000	0	0	0	0	NR	0
SSTS		1.000	0	0	0	0	NR	0
ICIS		1.000	0	0	0	0	NR	0
PADS		1.000	0	0	0	0	NR	0
MLTS		1.000	0	0	0	0	NR	0
RADINFO		1.000	0	0	0	0	NR	0
FINDS		1.000	0	0	0	0	NR	0
RAATS		1.000	0	0	0	0	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
HIST Cal-Sites		2.000	0	0	0	0	0	0
CA BOND EXP. PLAN		2.000	0	0	0	0	0	0
SCH		1.250	0	0	0	0	0	0
Toxic Pits		2.000	0	0	0	0	0	0
SWF/LF		1.500	0	0	0	0	0	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA WDS		1.000	0	0	0	0	NR	0
WMUDS/SWAT		1.500	0	0	0	0	0	0
Cortese		1.500	0	0	0	0	2	2
SWRCY		1.500	0	0	0	0	0	0
LUST		1.500	0	0	0	0	2	2
CA FID UST		1.250	0	0	0	0	0	0
SLIC		1.500	0	0	0	0	0	0
UST		1.250	0	0	0	1	0	1
HIST UST		1.250	0	0	0	0	1	1
LIENS		1.000	0	0	0	0	NR	0
AST		1.250	0	0	0	0	0	0
Fresno Co. CUPA		1.250	0	0	0	1	1	2
SWEEPS UST		1.250	0	0	0	0	2	2
CHMIRS		1.000	0	0	0	0	NR	0
Notify 65		2.000	0	0	0	0	0	0
DEED		1.500	0	0	0	0	0	0
VCP		1.500	0	0	0	0	0	0
DRYCLEANERS		1.250	0	0	0	0	0	0
WIP		1.250	0	0	0	0	0	0
CDL		1.000	0	0	0	0	NR	0
RESPONSE		2.000	0	0	0	0	0	0
HAZNET		1.000	0	0	0	4	NR	4
AIRS		1.000	0	0	0	2	NR	2
HAULERS		1.000	0	0	0	0	NR	0
ENVIROSTOR		2.000	0	0	0	0	0	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		2.000	0	0	0	0	0	0
INDIAN ODI		1.500	0	0	0	0	0	0
INDIAN LUST		1.500	0	0	0	0	0	0
INDIAN UST		1.250	0	0	0	0	0	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		2.000	0	0	0	0	0	0
EDR Historical Auto Stations		1.250	0	0	0	0	0	0
EDR Historical Cleaners		1.250	0	0	0	0	0	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

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

<b>A1</b> <b>NNW</b> <b>1/4-1/2</b> <b>0.451 mi.</b> <b>2380 ft.</b>	<b>COALINGA PROPERTY 378300 S DERRICK AND COALINGA</b> <b>COALINGA PROPERTY 378300 S DERRICK AND COALINGA</b> <b>COALINGA, CA</b>  <b>Site 1 of 2 in cluster A</b>	<b>ERNS</b>	<b>91205590</b> <b>N/A</b>
--	--	-------------	-------------------------------

**Relative:** [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**Lower**

<b>Actual:</b> <b>574 ft.</b> <b>A2</b> <b>NNW</b> <b>1/4-1/2</b> <b>0.451 mi.</b> <b>2380 ft.</b>	<b>COALINGA FIELD STATION 4 S36A T19S R15E</b> <b>COALINGA FIELD STATION 4 S36A T19S R15E</b> <b>COALINGA, CA 00</b>  <b>Site 2 of 2 in cluster A</b>	<b>ERNS</b>	<b>92262984</b> <b>N/A</b>
--	---	-------------	-------------------------------

**Relative:** [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**Lower**

<b>Actual:</b> <b>574 ft.</b> <b>B3</b> <b>North</b> <b>1/2-1</b> <b>0.924 mi.</b> <b>4877 ft.</b>	<b>COALINGA STATE HOSPITAL</b> <b>24511 W JAYNE AVE</b> <b>COALINGA, CA</b>  <b>Site 1 of 3 in cluster B</b>	<b>AIRS</b>	<b>S107620666</b> <b>N/A</b>
--	--	-------------	---------------------------------

<b>Relative:</b>	<b>EMI:</b>		
<b>Higher</b>	Year:	2004	
	Carbon Monoxide Emissions Tons/Yr:	10	
<b>Actual:</b>	Air Basin:	SJV	
<b>581 ft.</b>	Facility ID:	4051	
	Air District Name:	SJU	
	SIC Code:	8063	
	Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD	
	Community Health Air Pollution Info System:	Not reported	
	Consolidated Emission Reporting Rule:	Not reported	
	Total Organic Hydrocarbon Gases Tons/Yr:	0.043519755	
	Reactive Organic Gases Tons/Yr:	0.036412979	
	Carbon Monoxide Emissions Tons/Yr:	0.1009602	
	NOX - Oxides of Nitrogen Tons/Yr:	1.931705157	
	SOX - Oxides of Sulphur Tons/Yr:	0.209997216	
	Particulate Matter Tons/Yr:	0.028688144	
	Part. Matter 10 Micrometers & Smlr Tons/Yr:	0.027999629	
	Year:	2005	
	Carbon Monoxide Emissions Tons/Yr:	10	
	Air Basin:	SJV	
	Facility ID:	4051	
	Air District Name:	SJU	
	SIC Code:	8063	
	Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD	
	Community Health Air Pollution Info System:	Not reported	
	Consolidated Emission Reporting Rule:	Not reported	
	Total Organic Hydrocarbon Gases Tons/Yr:	.5927005635227961570	
	Reactive Organic Gases Tons/Yr:	.2946816907188171432	
	Carbon Monoxide Emissions Tons/Yr:	3.229948873081236009	
	NOX - Oxides of Nitrogen Tons/Yr:	5.171478969366637234	
	SOX - Oxides of Sulphur Tons/Yr:	.2243007753586278388	
	Particulate Matter Tons/Yr:	.3539576442751975675	
	Part. Matter 10 Micrometers & Smlr Tons/Yr:	.3522601797287228713	

MAP FINDINGS

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

<b>B4</b>	<b>HENSEL PHELPS CONSTRUCTION COMPANY</b>	<b>HAZNET</b>	<b>S108208733</b>
North	<b>24511 W JAYNE AVE</b>		<b>N/A</b>
1/2-1	<b>COALINGA, CA 93210</b>		
0.924 mi.			
4877 ft.	<b>Site 2 of 3 in cluster B</b>		

<b>Relative:</b>	<b>HAZNET:</b>		
<b>Higher</b>	Gepaid:	CAC002589052	
	Contact:	ALEX INTFEN	
<b>Actual:</b>	Telephone:	5599341663	
<b>581 ft.</b>	Facility Addr2:	Not reported	
	Mailing Name:	Not reported	
	Mailing Address:	PO BOX 1194	
	Mailing City,St,Zip:	COALINGA, CA 93210	
	Gen County:	Fresno	
	TSD EPA ID:	CAT080013352	
	TSD County:	Los Angeles	
	Waste Category:	Unspecified solvent mixture Waste	
	Disposal Method:	Recycler	
	Tons:	0.04	
	Facility County:	Not reported	

<b>B5</b>	<b>COALINGA STATE HOSPITAL</b>	<b>HAZNET</b>	<b>S108745098</b>
North	<b>24511 JAYNE AVE</b>		<b>N/A</b>
1/2-1	<b>COALINGA, CA 93210</b>		
0.924 mi.			
4877 ft.	<b>Site 3 of 3 in cluster B</b>		

<b>Relative:</b>	<b>HAZNET:</b>		
<b>Higher</b>	Gepaid:	CAL000282334	
	Contact:	STAN STREETER/CHIEF ENGINEER	
<b>Actual:</b>	Telephone:	5599354325	
<b>581 ft.</b>	Facility Addr2:	Not reported	
	Mailing Name:	Not reported	
	Mailing Address:	PO BOX 5000 24511 W JAYNE AVENUE	
	Mailing City,St,Zip:	COALINGA, CA 93210	
	Gen County:	Fresno	
	TSD EPA ID:	CAD044003556	
	TSD County:	Yolo	
	Waste Category:	Waste oil and mixed oil	
	Disposal Method:	Transfer Station	
	Tons:	0.89	
	Facility County:	Fresno	

<b>C6</b>	<b>PLEASANT VALLEY STATE PRISON</b>	<b>UST</b>	<b>U003788439</b>
NNW	<b>24863 JAYNE AVE</b>	<b>Fresno Co. CUPA</b>	<b>N/A</b>
1/2-1	<b>COALINGA, CA 93210</b>		
0.984 mi.			
5193 ft.	<b>Site 1 of 3 in cluster C</b>		

<b>Relative:</b>	<b>UST:</b>		
<b>Lower</b>	Local Agency:	10000	
	Facility ID:	FA0269596	
<b>Actual:</b>	<b>Fresno Co. CUPA:</b>		
<b>567 ft.</b>	Facility ID:	FA0269596	
	APM Number:	085-020-35ST	
	Owner Name:	CALIFORNIA, STATE OF	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PLEASANT VALLEY STATE PRISON (Continued)**

**U003788439**

Program Element: WASTE TIRE GENERATOR

Facility ID: FA0269596  
APM Number: 085-020-35ST  
Owner Name: CALIFORNIA, STATE OF  
Program Element: SMALL QUANTITY GENERATOR

Facility ID: FA0269596  
APM Number: 085-020-35ST  
Owner Name: CALIFORNIA, STATE OF  
Program Element: MISCELLANEOUS SITE ASSESSMENT

Facility ID: FA0269596  
APM Number: 085-020-35ST  
Owner Name: CALIFORNIA, STATE OF  
Program Element: UST FACILITY WITH FOUR TANKS

Facility ID: FA0269596  
APM Number: 085-020-35ST  
Owner Name: CALIFORNIA, STATE OF  
Program Element: MEDIUM HAZARDOUS MATERIALS HANDLER

**C7**  
**NNW**  
**1/2-1**  
**0.984 mi.**  
**5195 ft.**

**DOC - PLEASANT VALLEY STATE PRISON**  
**24863 W JAYNE AVE**  
**COALINGA, CA 93210**  
**Site 2 of 3 in cluster C**

**HAZNET** **S103960896**  
**AIRS** **N/A**

**Relative:**  
**Lower**

HAZNET:

Gepaid: CA0000953166  
Contact: DEPT OF CORRECTIONS  
Telephone: 9163221375  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 942883  
Mailing City,St,Zip: SACRAMENTO, CA 942830001  
Gen County: Fresno  
TSD EPA ID: CAD981375983  
TSD County: 1  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Recycler  
Tons: .5838  
Facility County: Fresno

**Actual:**  
**567 ft.**

Gepaid: CA0000953166  
Contact: DEPT OF CORRECTIONS  
Telephone: 9163221375  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 942883  
Mailing City,St,Zip: SACRAMENTO, CA 942830001  
Gen County: Fresno  
TSD EPA ID: CAD981375983  
TSD County: 1  
Waste Category: Solids or sludges with halogenated organic compounds > 1000mg/kg  
Disposal Method: Recycler  
Tons: .1350  
Facility County: Fresno

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOC - PLEASANT VALLEY STATE PRISON (Continued)**

**S103960896**

Gepaid: CA0000953166  
Contact: DEPT OF CORRECTIONS  
Telephone: 9163221375  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 942883  
Mailing City,St,Zip: SACRAMENTO, CA 942830001  
Gen County: Fresno  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Tons: .1250  
Facility County: Fresno

Gepaid: CA0000953166  
Contact: DEPT OF CORRECTIONS  
Telephone: 9163221375  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 942883  
Mailing City,St,Zip: SACRAMENTO, CA 942830001  
Gen County: Fresno  
TSD EPA ID: CAT080022148  
TSD County: San Bernardino  
Waste Category: Off-specification, aged, or surplus organics  
Disposal Method: Transfer Station  
Tons: .0250  
Facility County: Fresno

Gepaid: CA0000953166  
Contact: DEPT OF CORRECTIONS  
Telephone: 9163221375  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 942883  
Mailing City,St,Zip: SACRAMENTO, CA 942830001  
Gen County: Fresno  
TSD EPA ID: CAD070148432  
TSD County: 1  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Tons: .5421  
Facility County: Fresno

[Click this hyperlink](#) while viewing on your computer to access 97 additional CA\_HAZNET: record(s) in the EDR Site Report.

**EMI:**

Year: 2000  
Carbon Monoxide Emissions Tons/Yr: 10  
Air Basin: SJV  
Facility ID: 1990  
Air District Name: SJU  
SIC Code: 9223  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOC - PLEASANT VALLEY STATE PRISON (Continued)**

**S103960896**

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

Year: 2001  
Carbon Monoxide Emissions Tons/Yr: 10  
Air Basin: SJV  
Facility ID: 1990  
Air District Name: SJU  
SIC Code: 9223  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 13  
Reactive Organic Gases Tons/Yr: 13  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2002  
Carbon Monoxide Emissions Tons/Yr: 10  
Air Basin: SJV  
Facility ID: 1990  
Air District Name: SJU  
SIC Code: 9223  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 13  
Reactive Organic Gases Tons/Yr: 13  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003  
Carbon Monoxide Emissions Tons/Yr: 10  
Air Basin: SJV  
Facility ID: 1990  
Air District Name: SJU  
SIC Code: 9223  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DOC - PLEASANT VALLEY STATE PRISON (Continued)**

**S103960896**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2004
Carbon Monoxide Emissions Tons/Yr:	10
Air Basin:	SJV
Facility ID:	1990
Air District Name:	SJU
SIC Code:	9223
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.34
Reactive Organic Gases Tons/Yr:	0.334242506
Carbon Monoxide Emissions Tons/Yr:	0.01785
NOX - Oxides of Nitrogen Tons/Yr:	0.082
SOX - Oxides of Sulphur Tons/Yr:	0.00545
Particulate Matter Tons/Yr:	0.006393
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2005
Carbon Monoxide Emissions Tons/Yr:	10
Air Basin:	SJV
Facility ID:	1990
Air District Name:	SJU
SIC Code:	9223
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.3387562332757051889
Reactive Organic Gases Tons/Yr:	.334242506
Carbon Monoxide Emissions Tons/Yr:	.01785
NOX - Oxides of Nitrogen Tons/Yr:	.082
SOX - Oxides of Sulphur Tons/Yr:	.00545
Particulate Matter Tons/Yr:	.006393
Part. Matter 10 Micrometers & Smlr Tons/Yr:	.0059268

**C8**            **CALIFORNIA ST PRISON COALINGA**  
**NNW**        **24863 W JAYNE AVE**  
**1/2-1**        **COALINGA, CA 00000**  
**0.984 mi.**  
**5195 ft.**     **Site 3 of 3 in cluster C**

**HAZNET**    **S103645986**  
**N/A**

<b>Relative:</b>	HAZNET:
<b>Lower</b>	Gepaid: CAP982455735
	Contact: Not reported
<b>Actual:</b>	Telephone: 0000000000
<b>567 ft.</b>	Facility Addr2: Not reported
	Mailing Name: Not reported
	Mailing Address: Not reported
	Mailing City,St,Zip: 000000000
	Gen County: 0
	TSD EPA ID: CAT000646117
	TSD County: Kings
	Waste Category: Contaminated soil from site clean-ups
	Disposal Method: Not reported
	Tons: 30.3408
	Facility County: 0

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D9**  
**NNW**  
 > 1  
 1.017 mi.  
 5368 ft.

**WILLIAM MOUREN WILDO RANCH**  
**24951 JAYNE**  
**COALINGA, CA 93210**

**Fresno Co. CUPA**    **S106176847**  
 N/A

**Site 1 of 4 in cluster D**

**Relative:**  
**Lower**

Fresno Co. CUPA:  
 Facility ID:        FA0266869  
 APM Number:      Not reported  
 Owner Name:      BANK OF AMERICA  
 Program Element: UST REMOVAL/CLOSURE W/7 TANKS

**Actual:**  
**567 ft.**

Facility ID:        FA0266869  
 APM Number:      Not reported  
 Owner Name:      BANK OF AMERICA  
 Program Element: FORMER CONTAMINATED SITE/CLEANUP COMPLETE

**D10**  
**NNW**  
 > 1  
 1.017 mi.  
 5368 ft.

**WILLIAM MOUREN WILDE RANCH**  
**24951 JAYNE AVE**  
**COALINGA, CA 93210**

**SWEEPS UST**    **S106934492**  
 N/A

**Site 2 of 4 in cluster D**

**Relative:**  
**Lower**

SWEEPS UST:  
 Status:            Not reported  
 Comp Number:    230  
 Number:           Not reported  
 Board Of Equalization: Not reported  
 Ref Date:        Not reported  
 Act Date:        Not reported  
 Created Date:    Not reported  
 Tank Status:     Not reported  
 Owner Tank Id:   Not reported  
 Swrcb Tank Id:   10-000-000230-000001  
 Actv Date:       Not reported  
 Capacity:        560  
 Tank Use:        M.V. FUEL  
 Stg:              PRODUCT  
 Content:         AVIA. GAS  
 Number Of Tanks: 7

**Actual:**  
**567 ft.**

Status:            Not reported  
 Comp Number:    230  
 Number:           Not reported  
 Board Of Equalization: Not reported  
 Ref Date:        Not reported  
 Act Date:        Not reported  
 Created Date:    Not reported  
 Tank Status:     Not reported  
 Owner Tank Id:   Not reported  
 Swrcb Tank Id:   10-000-000230-000002  
 Actv Date:       Not reported  
 Capacity:        10000  
 Tank Use:        M.V. FUEL  
 Stg:              PRODUCT  
 Content:         DIESEL  
 Number Of Tanks: Not reported

Status:            Not reported  
 Comp Number:    230

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAM MOUREN WILDE RANCH (Continued)**

**S106934492**

Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 10-000-000230-000003  
Actv Date: Not reported  
Capacity: 25  
Tank Use: OIL  
Stg: WASTE  
Content: WASTE OIL  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 230  
Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 10-000-000230-000004  
Actv Date: Not reported  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 230  
Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 10-000-000230-000005  
Actv Date: Not reported  
Capacity: 380  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: LEADED  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 230  
Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAM MOUREN WILDE RANCH (Continued)**

**S106934492**

Owner Tank Id: Not reported  
Swrcb Tank Id: 10-000-000230-000006  
Actv Date: Not reported  
Capacity: 500  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: LEADED  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 230  
Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 10-000-000230-000007  
Actv Date: Not reported  
Capacity: 500  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: LEADED  
Number Of Tanks: Not reported

**D11 WILDE RANCH**  
**NNW 24951 JANE AVE**  
**> 1 COALINGA, CA 93210**  
**1.017 mi.**  
**5368 ft. Site 3 of 4 in cluster D**

**LUST S104404029**  
**Cortese N/A**

**Relative:**  
**Lower**

**LUST:**  
Region: STATE  
Case Type: Soil only  
Cross Street: Not reported  
Enf Type: Not reported  
Funding: Undefined  
How Discovered: Tank Closure  
How Stopped: Not reported  
Leak Cause: Overfill  
Leak Source: Other Source  
Global Id: T0601900126  
Stop Date: 1988-03-24 00:00:00  
Confirm Leak: Not reported  
Workplan: Not reported  
Prelim Assess: Not reported  
Pollution Char: 1988-10-25 00:00:00  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1989-04-24 00:00:00  
Discover Date: 1988-03-24 00:00:00  
Enforcement Dt: 1965-01-01 00:00:00  
Release Date: 1988-10-25 00:00:00  
Review Date: 1989-04-24 00:00:00  
Enter Date: 1988-10-21 00:00:00  
MTBE Date: Not reported

**Actual:**  
**567 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILDE RANCH (Continued)**

**S104404029**

GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Max MTBE GW ppb: Not reported  
Max MTBE Soil ppb: Not reported  
County: 10  
Org Name: Not reported  
Reg Board: Not reported  
Status: Case Closed  
Chemical: Waste Oil  
Contact Person: Not reported  
Responsible Party: BANK OF AMERICA  
RP Address: 1410 CLARA LANE, DAVIS, CA 95619  
Interim: Not reported  
Oversight Prgm: LUST  
MTBE Class: \*  
MTBE Conc: 0  
MTBE Fuel: 0  
MTBE Tested: Not Required to be Tested.  
Staff: JWH  
Staff Initials: OSC  
Lead Agency: Local Agency  
Local Agency: 10000  
Hydr Basin #: SAN JOAQUIN (5-22)  
Beneficial: Not reported  
Priority: 4  
Cleanup Fund Id: Not reported  
Work Suspended: No  
Local Case #: FA0266869  
Case Number: 5T10000128  
Qty Leaked: Not reported  
Abate Method: Not reported  
Operator: BANK OF AMERICA  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: Not reported

**LUST:**

Region: 5  
Case Number: 5T10000128  
Staff Initials: JWH  
Substance: WASTE OIL  
Case Type: Soil only  
Status: Case Closed  
Lead Agency: Local  
Program: LUST  
MTBE Code: N/A

**Cortese:**

Region: CORTESE  
Facility Addr2: 24951 JANE AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D12  
NNW  
> 1  
1.017 mi.  
5372 ft.

**TRIPLE D FARMS**  
**24953 W JAYNE AVE**  
**COALINGA, CA 93210**

**Site 4 of 4 in cluster D**

**RCRA-SQG 1000595397**  
**FINDS CAD983593336**

**Relative:**  
**Lower**

RCRA-SQG:

Date form received by agency: 09/01/1996  
Facility name: TRIPLE D FARMS  
Facility address: 24953 W JAYNE AVE  
COALINGA, CA 93210  
EPA ID: CAD983593336  
Mailing address: W JAYNE AVE  
COALINGA, CA 93210  
Contact: Not reported  
Contact address: Not reported  
Contact country: Not reported  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TRIPLE D FARMS  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown  
Furnace exemption: Unknown

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TRIPLE D FARMS (Continued)**

**1000595397**

Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No  
 Off-site waste receiver: Commercial status unknown

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.

13  
 NNE  
 > 1  
 1.046 mi.  
 5522 ft.

**L.C.V. GIN, INC.**  
**24000 JAYNE AVE**  
**COALINGA, CA 93210**

**HIST UST**    **U001580960**  
**SWEEPS UST**    **N/A**

**Relative:**  
**Higher**

HIST UST:  
 Region: STATE  
 Facility ID: 00000059446  
 Facility Type: Other  
 Other Type: FARM  
 Total Tanks: 0005  
 Contact Name: ROBERT MONTOYA  
 Telephone: 2099351696  
 Owner Name: LA CUESTA VERDE GINNING CO., I  
 Owner Address: HWY 33 & ALPINE AVE  
 Owner City,St,Zip: COALINGA, CA 93210

**Actual:**  
**623 ft.**

Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Tank Construction: Not reported  
 Leak Detection: Stock Inventor

Tank Num: 002  
 Container Num: 2  
 Year Installed: Not reported  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Tank Construction: Not reported  
 Leak Detection: Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**L.C.V. GIN, INC. (Continued)**

**U001580960**

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: 1981  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: None

**SWEEPS UST:**

Status: A  
Comp Number: 59446  
Number: 9  
Board Of Equalization: Not reported  
Ref Date: 07-01-85  
Act Date: Not reported  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 1  
Swrcb Tank Id: 10-000-059446-000001  
Actv Date: 07-01-85  
Capacity: 1000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: A  
Comp Number: 59446  
Number: 9  
Board Of Equalization: Not reported  
Ref Date: 07-01-85  
Act Date: Not reported  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 2  
Swrcb Tank Id: 10-000-059446-000002  
Actv Date: 07-01-85  
Capacity: 1000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**L.C.V. GIN, INC. (Continued)**

**U001580960**

Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 59446  
Number: 9  
Board Of Equalization: Not reported  
Ref Date: 07-01-85  
Act Date: Not reported  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 3  
Swrcb Tank Id: 10-000-059446-000003  
Actv Date: 07-01-85  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: A  
Comp Number: 59446  
Number: 9  
Board Of Equalization: Not reported  
Ref Date: 07-01-85  
Act Date: Not reported  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 4  
Swrcb Tank Id: 10-000-059446-000004  
Actv Date: 07-01-85  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

14  
NW  
> 1  
1.418 mi.  
7488 ft.

**WESTSIDE FIRE PROTECTION**  
**25600 JAYNE**  
**COALINGA, CA 93210**

**LUST S101294365**  
**Cortese N/A**

**Relative:**  
**Higher**

LUST:  
Region: STATE  
Case Type: Soil only  
Cross Street: Not reported  
Enf Type: R  
Funding: Undefined  
How Discovered: Tank Closure  
How Stopped: Not reported  
Leak Cause: UNK  
Leak Source: Tank  
Global Id: T0601900229  
Stop Date: Not reported  
Confirm Leak: Not reported

**Actual:**  
**577 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTSIDE FIRE PROTECTION (Continued)**

**S101294365**

Workplan: Not reported  
Prelim Assess: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 1995-05-15 00:00:00  
Discover Date: 1990-04-02 00:00:00  
Enforcement Dt: 1965-01-01 00:00:00  
Release Date: 1990-07-02 00:00:00  
Review Date: 1995-05-15 00:00:00  
Enter Date: 1990-07-10 00:00:00  
MTBE Date: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Max MTBE GW ppb: Not reported  
Max MTBE Soil ppb: Not reported  
County: 10  
Org Name: Not reported  
Reg Board: Not reported  
Status: Case Closed  
Chemical: Diesel  
Contact Person: Not reported  
Responsible Party: WESTSIDE FIRE PROTECTION  
RP Address: 210 S. ACADEMY, SANGER CA 93651  
Interim: Not reported  
Oversight Prgm: LUST  
MTBE Class: \*  
MTBE Conc: 0  
MTBE Fuel: 0  
MTBE Tested: Not Required to be Tested.  
Staff: JWH  
Staff Initials: JRA  
Lead Agency: Local Agency  
Local Agency: 10000  
Hydr Basin #: SAN JOAQUIN (5-22)  
Beneficial: Not reported  
Priority: 4  
Cleanup Fund Id: Not reported  
Work Suspended: No  
Local Case #: FA0266868  
Case Number: 5T10000231  
Qty Leaked: Not reported  
Abate Method: Not reported  
Operator: Not reported  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported  
Summary: A SITE ASSESSMENT TO DETERMINE THE EXTENT OF IMPACT IS CURRENTLY IN PROGRESS.

**LUST:**

Region: 5  
Case Number: 5T10000231  
Staff Initials: JWH  
Substance: DIESEL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTSIDE FIRE PROTECTION (Continued)**

**S101294365**

Case Type: Soil only  
Status: Case Closed  
Lead Agency: Local  
Program: LUST  
MTBE Code: N/A

Cortese:  
Region: CORTESE  
Facility Addr2: Not reported

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COALINGA	S106934315	WELL TEC	HIGHWAY 198 SOUTH	93210	SWEEPS UST
COALINGA	S107538851		HWY 198 MILE MARKER 20, E/OF H	93210	CDL
COALINGA	U001580985	WELL TEC	HWY 198 SOUTH	93210	HIST UST
COALINGA	1000316384	GRANITE CONSTRUCTION COMPANY	38940 HWY 33	93210	HIST UST, AIRS
COALINGA	1004440135	GRANITE CONSTRUCTION COMPANY	38940 HIGHWAY 33	93210	FINDS, HAZNET, Fresno Co. CUPA, SWEEPS UST
COALINGA	1006095003	SOUTH VALLEY MATERIALS INC	38940 HIGHWAY 33	93210	FINDS, AIRS
COALINGA	A100176063	COALINGA PLANTS FACILITY	38940 HWY. 33	93210	AST
COALINGA	A100211409	SOUTH VALLEY MATERIAL PLANT 83	38930 HIGHWAY 33	93210	AST
COALINGA	A100249031	SVM	38930 HWY 33	93210	AST
COALINGA	S104869337	CHEVRON	HIGHWAY 33 / 198	93210	Fresno Co. CUPA
COALINGA	S106087291	CALTRANS DIST 6/CONSTRUCTION	HWY 33 KILOPOST 26.6-27.3	93210	HAZNET
COALINGA	S106353029	AT&T MOBILITY-COALINGA 27649	HIGHWAY 33 / PALMER	93210	Fresno Co. CUPA
COALINGA	S108536845	SOUTH VALLEY MATERIALS	38940 HIGHWAY 33	93210	Fresno Co. CUPA
COALINGA	U001580932	COALINGA COMM & CARGO AIRLINE	HIGHWAY 33	93210	HIST UST, Fresno Co. CUPA
COALINGA	S105511401	SHELL PIPELINE CO/CALIOLA STATION	HIGHWAY 33, 5 MI E OF	93210	Fresno Co. CUPA
COALINGA	S107142437	A & I TRUCKING INC	INTERSTATE 5 / STATE ROUTE 1	93210	HAZNET
COALINGA	S105255367	COALINGA SOLID WASTE SITE	ALCALDE RD 2 MI E OF HWY 198	93210	CA WDS
COALINGA	S106930890	PRIEST VALLEY STATION	BOX 59 HIGHWAY 198	93210	SWEEPS UST
COALINGA	S106920216	CAL DEPT OF WATER RESOURCES	CALIF. AQUEDUCT / HWY 145	93210	AIRS
COALINGA	S107538510		FIRESTONE AVE, 3/4 MI N OF WAR	93210	CDL
COALINGA	S108222024	TANIMURA & ANTLE INC	29191 FRESNO-COALINGA HWY 145	93210	HAZNET
COALINGA	S108741555	A & M TRANSPORT INC	SB I-5 RTE 198 GPS 36.25481 N	93210	HAZNET
COALINGA	S106933522	UNOCAL PUMP STATION	INT 5 / HWY 198	93210	SWEEPS UST
COALINGA	S104869507	NUEVO ENERGY CO-PLEASANT/PROVADERO	JAYNE AVE, 2 MI W OF I-5	93210	Fresno Co. CUPA
COALINGA	1000196788	PG&E GATES SUBSTATION	ON JAYNE AVE 2 MILES WEST OF L	93210	RCRA-SQG, FINDS, HAZNET
COALINGA	S107539377		MOBILE GASE STATION ON HWY 98	93210	CDL
COALINGA	1000288097	SHELL OIL COMPANY	9 MI N COALINGA 5 MI E HWY 33	93210	RCRA-SQG, FINDS, HAZNET
COALINGA	S107141131	PACIFIC GAS & ELECTRIC CO	6 MI N. OF JAYNE AVE ES OF CAL	93210	HAZNET
COALINGA	S107539627		OAKLAND AVENUE AT HIGHWAY 145	93210	CDL
COALINGA	1003878503	SHELL CO OF CA INC COALINGA REF	S OF HWY 198 BETWEEN 5 & 33	93210	CERC-NFRAP
COALINGA	1003879030	GRANITE ROCK CO	WEST OF HWY 33	93210	CERC-NFRAP
COALINGA	S102360040	OLD COALINGA DUMPSITE	PHELPS / HIGHWAY 198	93210	Fresno Co. CUPA
COALINGA	S105614777	PG&E COALINGA #1 SUBSTATION	POLK / HIGHWAY 33	93210	Fresno Co. CUPA
COALINGA	S103619442	UNOCAP COALINGA PUMP STATION	1 MI S/OF COALINGA ON HWY 33	93210	HAZNET
COALINGA	1000261696	ENVIRONMENTAL DISPOSAL SERVICE	SEC 36 T19 RTE 14 E	93210	RCRA-SQG, FINDS
COALINGA	S106782316	SOUTHERN PACIFIC TRANSPORTATION CO	STATE HIGHWAY 198 AND ELM STRE	93210	DEED
COALINGA	1003878757	ABANDONED OIL REFINERY	2 MI SW OF COALINGA ON HWY 198	93210	CERC-NFRAP
COALINGA	S101310157	COALINGA SOLID WASTE SITE	ALCALDE RD 2 MI E OF HWY 198	93210	WMUDS/SWAT, CA WDS
E/O COALINGA	S100942291	PG&E GATES SUBSTATION	ON JAYNE AVE 2MI W/O LASSEN	93210	HAZNET
PRIEST VALLEY	S107538738		HIGHWAY 198 @ MILEMARKER 20	93210	CDL

# 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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2008
	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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/04/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/28/2008
	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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2008
	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: 02/19/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/19/2008
	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: 01/09/2008	Source: EPA
Date Data Arrived at EDR: 02/05/2008	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 04/25/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

## **CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 02/08/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/07/2008	Telephone: 202-564-6023
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007	Source: EPA
Date Data Arrived at EDR: 12/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 64	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

## **RCRA-TSDF:** RCRA - Transporters, Storage and Disposal

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2008  
Date Data Arrived at EDR: 03/06/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 43

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Quarterly

## **RCRA-LQG:** RCRA - Large Quantity Generators

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

Date of Government Version: 03/06/2008  
Date Data Arrived at EDR: 03/06/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 43

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Quarterly

## **RCRA-SQG:** RCRA - Small Quantity Generators

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

Date of Government Version: 03/06/2008  
Date Data Arrived at EDR: 03/06/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 43

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Quarterly

## **RCRA-CESQG:** RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/06/2008  
Date Data Arrived at EDR: 03/06/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 43

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Varies

## **RCRA-NonGen:** RCRA - Non Generators

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

Date of Government Version: 03/06/2008  
Date Data Arrived at EDR: 03/06/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 43

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-0695
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

## **US INST CONTROL:** Sites with Institutional Controls

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

Date of Government Version: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-0695
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

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

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

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/22/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 07/21/2008
	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: 10/31/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2008	Telephone: 202-366-4555
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/16/2008
Number of Days to Update: 60	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Annually

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

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

Date of Government Version: 02/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/27/2008	Telephone: 202-366-4595
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Varies

## **CDL:** Clandestine Drug Labs

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/28/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: Quarterly

## **US BROWNFIELDS:** A Listing of Brownfields Sites

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

Date of Government Version: 01/03/2008  
Date Data Arrived at EDR: 01/17/2008  
Date Made Active in Reports: 02/20/2008  
Number of Days to Update: 34

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 04/30/2008  
Next Scheduled EDR Contact: 07/14/2008  
Data Release Frequency: Semi-Annually

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

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

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

Source: USGS  
Telephone: 703-692-8801  
Last EDR Contact: 02/08/2008  
Next Scheduled EDR Contact: 05/05/2008  
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: 12/31/2006  
Date Data Arrived at EDR: 08/31/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 04/03/2008  
Next Scheduled EDR Contact: 06/30/2008  
Data Release Frequency: Varies

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

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

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

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 03/10/2008  
Next Scheduled EDR Contact: 06/09/2008  
Data Release Frequency: Varies

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/22/2008  
Next Scheduled EDR Contact: 07/21/2008  
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: 01/14/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/31/2008  
Next Scheduled EDR Contact: 06/30/2008  
Data Release Frequency: Annually

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

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

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

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 03/17/2008  
Next Scheduled EDR Contact: 06/16/2008  
Data Release Frequency: Varies

## **ODI:** Open Dump Inventory

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

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

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

## **DEBRIS REGION 9:** Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 12/28/2007  
Date Data Arrived at EDR: 12/28/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 27

Source: EPA, Region 9  
Telephone: 415-972-3336  
Last EDR Contact: 03/24/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: Varies

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

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

Date of Government Version: 02/07/2008  
Date Data Arrived at EDR: 03/26/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 03/26/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: Semi-Annually

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/29/2008  
Next Scheduled EDR Contact: 06/16/2008  
Data Release Frequency: Annually

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

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

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

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 04/28/2008  
Next Scheduled EDR Contact: 07/14/2008  
Data Release Frequency: Every 4 Years

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 03/17/2008  
Next Scheduled EDR Contact: 06/16/2008  
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: 01/15/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 03/17/2008  
Next Scheduled EDR Contact: 06/16/2008  
Data Release Frequency: Quarterly

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

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

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **SSTS:** Section 7 Tracking Systems

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

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

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 04/14/2008  
Next Scheduled EDR Contact: 07/14/2008  
Data Release Frequency: Annually

## **ICIS:** Integrated Compliance Information System

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

Date of Government Version: 07/27/2007  
Date Data Arrived at EDR: 08/13/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 04/14/2008  
Next Scheduled EDR Contact: 07/14/2008  
Data Release Frequency: Quarterly

## **PADS:** PCB Activity Database System

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

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

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 02/07/2008  
Next Scheduled EDR Contact: 05/05/2008  
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: 01/15/2008  
Date Data Arrived at EDR: 02/07/2008  
Date Made Active in Reports: 03/17/2008  
Number of Days to Update: 39

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 03/31/2008  
Next Scheduled EDR Contact: 06/30/2008  
Data Release Frequency: Quarterly

## **RADINFO:** Radiation Information Database

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

Date of Government Version: 01/29/2008  
Date Data Arrived at EDR: 01/31/2008  
Date Made Active in Reports: 03/17/2008  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 05/01/2008  
Next Scheduled EDR Contact: 07/28/2008  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **FINDS:** Facility Index System/Facility Registry System

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

Date of Government Version: 01/04/2008	Source: EPA
Date Data Arrived at EDR: 01/10/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Quarterly

## **RAATS:** RCRA Administrative Action Tracking System

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

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

## **BRS:** Biennial Reporting System

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

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 03/13/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	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: 02/25/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/26/2008
	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: 02/26/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/25/2008
	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: 04/28/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/28/2008
	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: 03/10/2008	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 03/12/2008	Telephone: 916-341-6320
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/03/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

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

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/16/2008
	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: 04/21/2008  
Next Scheduled EDR Contact: 07/21/2008  
Data Release Frequency: No Update Planned

## **SWRCY:** Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/07/2008  
Date Data Arrived at EDR: 01/09/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 36

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 04/09/2008  
Next Scheduled EDR Contact: 07/07/2008  
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: 04/14/2008  
Next Scheduled EDR Contact: 07/14/2008  
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: 02/05/2008  
Next Scheduled EDR Contact: 05/05/2008  
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: 03/31/2008  
Next Scheduled EDR Contact: 06/30/2008  
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: 03/03/2008  
Next Scheduled EDR Contact: 06/02/2008  
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: 01/01/2008  
Date Data Arrived at EDR: 01/23/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 04/23/2008  
Next Scheduled EDR Contact: 06/30/2008  
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: 03/24/2008  
Next Scheduled EDR Contact: 06/23/2008  
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: 02/11/2008  
Next Scheduled EDR Contact: 05/12/2008  
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: 04/07/2008  
Next Scheduled EDR Contact: 07/07/2008  
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: 02/19/2008  
Next Scheduled EDR Contact: 05/19/2008  
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: 01/07/2008  
Date Data Arrived at EDR: 01/09/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 36

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 04/09/2008  
Next Scheduled EDR Contact: 07/07/2008  
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: 02/19/2008  
Next Scheduled EDR Contact: 05/19/2008  
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: 01/07/2008	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/09/2008	Telephone: 866-480-1028
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/07/2008
	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: 02/19/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 04/07/2008
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/07/2008
	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: 02/11/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/12/2008
	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: 04/21/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 07/21/2008
	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: 03/31/2008  
Next Scheduled EDR Contact: 06/30/2008  
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: 03/31/2008  
Next Scheduled EDR Contact: 06/30/2008  
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: 03/03/2008  
Next Scheduled EDR Contact: 06/02/2008  
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: 03/03/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: No Update Planned

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

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 03/31/2008  
Next Scheduled EDR Contact: 06/30/2008  
Data Release Frequency: Semi-Annually

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

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 02/25/2008  
Next Scheduled EDR Contact: 05/26/2008  
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: 04/08/2008	Source: SWRCB
Date Data Arrived at EDR: 04/09/2008	Telephone: 916-480-1028
Date Made Active in Reports: 05/01/2008	Last EDR Contact: 04/09/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/07/2008
	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: 03/24/2008	Source: Department of Public Health
Date Data Arrived at EDR: 03/25/2008	Telephone: 707-463-4466
Date Made Active in Reports: 04/09/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/23/2008
	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: 02/05/2008	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/06/2008	Telephone: 916-323-3400
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/05/2008
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Varies

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

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/27/2007	Telephone: 916-341-5712
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/28/2008
	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 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	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: 05/02/2008  
Next Scheduled EDR Contact: 05/19/2008  
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: 04/14/2008  
Next Scheduled EDR Contact: 07/14/2008  
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: 04/01/2008  
Date Data Arrived at EDR: 04/02/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 12

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 04/02/2008  
Next Scheduled EDR Contact: 06/30/2008  
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: 02/26/2008  
Date Data Arrived at EDR: 02/27/2008  
Date Made Active in Reports: 03/27/2008  
Number of Days to Update: 29

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/27/2008  
Next Scheduled EDR Contact: 05/26/2008  
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: 07/31/2007  
Date Data Arrived at EDR: 07/31/2007  
Date Made Active in Reports: 08/09/2007  
Number of Days to Update: 9

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 04/14/2008  
Next Scheduled EDR Contact: 06/30/2008  
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: 10/25/2007  
Date Data Arrived at EDR: 01/23/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 04/23/2008  
Next Scheduled EDR Contact: 07/21/2008  
Data Release Frequency: Varies

## **CDL:** Clandestine Drug Labs

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

Date of Government Version: 09/30/2007  
Date Data Arrived at EDR: 10/15/2007  
Date Made Active in Reports: 11/07/2007  
Number of Days to Update: 23

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 04/21/2008  
Next Scheduled EDR Contact: 07/21/2008  
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: 02/26/2008  
Date Data Arrived at EDR: 02/27/2008  
Date Made Active in Reports: 03/27/2008  
Number of Days to Update: 29

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/27/2008  
Next Scheduled EDR Contact: 05/26/2008  
Data Release Frequency: Quarterly

## **HAZNET:** Facility and Manifest Data

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

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 10/04/2007  
Date Made Active in Reports: 11/07/2007  
Number of Days to Update: 34

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 02/08/2008  
Next Scheduled EDR Contact: 05/05/2008  
Data Release Frequency: Annually

## **EMI:** Emissions Inventory Data

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

Date of Government Version: 12/31/2005  
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: 04/18/2008  
Next Scheduled EDR Contact: 07/14/2008  
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: 02/26/2008  
Date Data Arrived at EDR: 02/27/2008  
Date Made Active in Reports: 03/27/2008  
Number of Days to Update: 29

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/27/2008  
Next Scheduled EDR Contact: 05/26/2008  
Data Release Frequency: Quarterly

## **HAULERS:** Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/12/2008  
Date Data Arrived at EDR: 02/14/2008  
Date Made Active in Reports: 03/14/2008  
Number of Days to Update: 29

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 04/28/2008  
Next Scheduled EDR Contact: 06/09/2008  
Data Release Frequency: Varies

## **TRIBAL RECORDS**

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

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

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

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 02/08/2008  
Next Scheduled EDR Contact: 05/05/2008  
Data Release Frequency: Semi-Annually

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 02/25/2008  
Next Scheduled EDR Contact: 05/26/2008  
Data Release Frequency: Varies

### **INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007  
Date Data Arrived at EDR: 06/14/2007  
Date Made Active in Reports: 07/05/2007  
Number of Days to Update: 21

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 02/15/2008  
Next Scheduled EDR Contact: 05/19/2008  
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: 02/20/2008  
Date Data Arrived at EDR: 03/04/2008  
Date Made Active in Reports: 03/17/2008  
Number of Days to Update: 13

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 02/15/2008  
Next Scheduled EDR Contact: 05/19/2008  
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: 03/12/2008  
Date Data Arrived at EDR: 03/14/2008  
Date Made Active in Reports: 03/20/2008  
Number of Days to Update: 6

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 02/15/2008  
Next Scheduled EDR Contact: 05/19/2008  
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: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-6597
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

**INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/21/2008	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	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: 03/12/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

**INDIAN UST R6:** Underground Storage Tanks on Indian Land  
No description is available for this data

Date of Government Version: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-7591
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

**INDIAN UST R7:** Underground Storage Tanks on Indian Land  
No description is available for this data

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

No description is available for this data

Date of Government Version: 02/25/2008  
Date Data Arrived at EDR: 02/26/2008  
Date Made Active in Reports: 03/20/2008  
Number of Days to Update: 23

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 02/15/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Quarterly

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

No description is available for this data

Date of Government Version: 09/05/2007  
Date Data Arrived at EDR: 10/02/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 9

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 02/15/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Semi-Annually

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

No description is available for this data

Date of Government Version: 12/21/2007  
Date Data Arrived at EDR: 12/21/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 34

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Varies

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

No description is available for this data

Date of Government Version: 02/21/2008  
Date Data Arrived at EDR: 02/26/2008  
Date Made Active in Reports: 03/20/2008  
Number of Days to Update: 23

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 02/15/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Quarterly

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

No description is available for this data

Date of Government Version: 02/20/2008  
Date Data Arrived at EDR: 03/04/2008  
Date Made Active in Reports: 03/17/2008  
Number of Days to Update: 13

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 02/15/2008  
Next Scheduled EDR Contact: 05/19/2008  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

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

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

## **EDR Historical Cleaners:** EDR Proprietary Historic Dry Cleaners

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

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

## **COUNTY RECORDS**

### **ALAMEDA COUNTY:**

#### **Contaminated Sites**

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

Date of Government Version: 01/28/2008	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/21/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/21/2008
	Data Release Frequency: Semi-Annually

#### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/29/2008	Telephone: 510-567-6700
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 04/21/2008
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/21/2008
	Data Release Frequency: Semi-Annually

### **CONTRA COSTA COUNTY:**

#### **Site List**

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

Date of Government Version: 03/07/2008	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 03/11/2008	Telephone: 925-646-2286
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Semi-Annually

### **FRESNO COUNTY:**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Resources List

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

Date of Government Version: 01/16/2008	Source: Dept. of Community Health
Date Data Arrived at EDR: 01/17/2008	Telephone: 559-445-3271
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/18/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Semi-Annually

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 04/01/2008	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 04/18/2008	Telephone: 661-862-8700
Date Made Active in Reports: 05/01/2008	Last EDR Contact: 04/16/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/02/2008
	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: 04/14/2008
Number of Days to Update: 0	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/2007	Source: Department of Public Works
Date Data Arrived at EDR: 01/22/2008	Telephone: 626-458-3517
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/12/2008	Source: La County Department of Public Works
Date Data Arrived at EDR: 02/21/2008	Telephone: 818-458-5185
Date Made Active in Reports: 03/27/2008	Last EDR Contact: 02/14/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2008	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/20/2008	Telephone: 213-473-7869
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site Mitigation List

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

Date of Government Version: 05/30/2007	Source: Community Health Services
Date Data Arrived at EDR: 07/11/2007	Telephone: 323-890-7806
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 02/11/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/11/2008	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 02/21/2008	Telephone: 310-524-2236
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/11/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/12/2008
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 02/19/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/26/2008	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 02/27/2008	Telephone: 310-618-2973
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/04/2008	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/21/2008	Telephone: 415-499-6647
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Semi-Annually

## NAPA COUNTY:

### Sites With Reported Contamination

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

Date of Government Version: 01/15/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

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

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 04/21/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: Annually

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

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

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 06/02/2008  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

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

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 06/02/2008  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/03/2008  
Date Data Arrived at EDR: 03/18/2008  
Date Made Active in Reports: 04/09/2008  
Number of Days to Update: 22

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 03/06/2008  
Next Scheduled EDR Contact: 06/02/2008  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

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

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
Last EDR Contact: 03/17/2008  
Next Scheduled EDR Contact: 06/16/2008  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/06/2007  
Date Data Arrived at EDR: 08/07/2007  
Date Made Active in Reports: 09/26/2007  
Number of Days to Update: 50

Source: Department of Public Health  
Telephone: 951-358-5055  
Last EDR Contact: 04/14/2008  
Next Scheduled EDR Contact: 07/14/2008  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007	Source: Health Services Agency
Date Data Arrived at EDR: 08/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 09/24/2007	Last EDR Contact: 04/14/2008
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Contaminated Sites

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

Date of Government Version: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/28/2008
	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: 02/11/2008	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/27/2008	Telephone: 916-875-8406
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/28/2008
	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: 03/18/2008	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 03/19/2008	Telephone: 909-387-3041
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/03/2007
	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.)

Date of Government Version: 05/16/2005	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 05/18/2005	Telephone: 619-338-2268
Date Made Active in Reports: 06/16/2005	Last EDR Contact: 04/02/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/2007  
Date Data Arrived at EDR: 02/05/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 9

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 02/19/2008  
Next Scheduled EDR Contact: 05/19/2008  
Data Release Frequency: Varies

## Environmental Case Listing

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

Date of Government Version: 11/28/2007  
Date Data Arrived at EDR: 03/13/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 32

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 04/23/2008  
Next Scheduled EDR Contact: 06/30/2008  
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: 03/03/2008  
Date Data Arrived at EDR: 03/04/2008  
Date Made Active in Reports: 03/14/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 03/03/2008  
Next Scheduled EDR Contact: 06/02/2008  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/03/2008  
Date Data Arrived at EDR: 03/04/2008  
Date Made Active in Reports: 03/14/2008  
Number of Days to Update: 10

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 03/03/2008  
Next Scheduled EDR Contact: 06/02/2008  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

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

Date of Government Version: 02/01/2008  
Date Data Arrived at EDR: 02/26/2008  
Date Made Active in Reports: 03/14/2008  
Number of Days to Update: 17

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 04/14/2008  
Next Scheduled EDR Contact: 07/14/2008  
Data Release Frequency: Semi-Annually

## SAN MATEO COUNTY:

### Business Inventory

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

Date of Government Version: 01/31/2008  
Date Data Arrived at EDR: 02/01/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 13

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 04/07/2008  
Next Scheduled EDR Contact: 07/07/2008  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Fuel Leak List

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

Date of Government Version: 01/09/2008  
Date Data Arrived at EDR: 01/11/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 04/07/2008  
Next Scheduled EDR Contact: 07/07/2008  
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: 03/24/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: No Update Planned

### LOP Listing

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

Date of Government Version: 02/01/2008  
Date Data Arrived at EDR: 02/05/2008  
Date Made Active in Reports: 02/14/2008  
Number of Days to Update: 9

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 04/28/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: Varies

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008  
Date Data Arrived at EDR: 03/04/2008  
Date Made Active in Reports: 03/14/2008  
Number of Days to Update: 10

Source: City of San Jose Fire Department  
Telephone: 408-277-4659  
Last EDR Contact: 03/03/2008  
Next Scheduled EDR Contact: 06/02/2008  
Data Release Frequency: Annually

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

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

Date of Government Version: 09/24/2007  
Date Data Arrived at EDR: 10/23/2007  
Date Made Active in Reports: 11/07/2007  
Number of Days to Update: 15

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/24/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 04/04/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/01/2008  
Number of Days to Update: 9

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/24/2008  
Next Scheduled EDR Contact: 06/23/2008  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/22/2008	Source: Department of Health Services
Date Data Arrived at EDR: 01/22/2008	Telephone: 707-565-6565
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/21/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/21/2008
	Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007	Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007	Last EDR Contact: 03/31/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Semi-Annually

## VENTURA COUNTY:

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

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

Date of Government Version: 02/27/2008	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 03/25/2008	Telephone: 805-654-2813
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/09/2008
	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: 08/01/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 08/29/2007	Telephone: 805-654-2813
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 02/19/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/27/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 03/25/2008	Telephone: 805-654-2813
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 03/12/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Quarterly

### Underground Tank Closed Sites List

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

Date of Government Version: 03/26/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 04/09/2008	Telephone: 805-654-2813
Date Made Active in Reports: 05/01/2008	Last EDR Contact: 04/09/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Quarterly

## YOLO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/29/2008	Source: Yolo County Department of Health
Date Data Arrived at EDR: 02/20/2008	Telephone: 530-666-8646
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Annually

## OTHER DATABASE(S)

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

### **CT MANIFEST:** Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 03/14/2008
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Annually

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

Hazardous waste manifest information.

Date of Government Version: 09/30/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/04/2007	Telephone: N/A
Date Made Active in Reports: 12/31/2007	Last EDR Contact: 04/03/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/30/2008
	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: 02/15/2008	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/28/2008	Telephone: 518-402-8651
Date Made Active in Reports: 04/09/2008	Last EDR Contact: 02/28/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Annually

### **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/21/2007	Telephone: N/A
Date Made Active in Reports: 01/10/2008	Last EDR Contact: 03/10/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Annually

### **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 10/01/2007	Source: Department of Environmental Management
Date Data Arrived at EDR: 11/09/2007	Telephone: 401-222-2797
Date Made Active in Reports: 01/15/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 67	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 04/07/2008

Next Scheduled EDR Contact: 07/07/2008

Data Release Frequency: Annually

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

## **Electric Power Transmission Line Data**

Source: PennWell Corporation

Telephone: (800) 823-6277

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

## **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

## **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

## **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

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

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## **Daycare Centers: Licensed Facilities**

Source: Department of Social Services

Telephone: 916-657-4041

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

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

## **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

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

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

BETHEL ENERGY 7 & 8  
WEST JAYNE AVENUE  
COALINGA, CA 93210

### TARGET PROPERTY COORDINATES

Latitude (North): 36.12389 - 36° 7' 26.0"  
Longitude (West): 120.2372 - 120° 14' 13.9"  
Universal Tranverse Mercator: Zone 10  
UTM X (Meters): 748650.1  
UTM Y (Meters): 4001024.8  
Elevation: 575 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 36120-B2 GUIJARRAL HILLS, CA  
Most Recent Revision: 1971

South Map: 36120-A2 AVENAL, CA  
Most Recent Revision: 1978

Southwest Map: 36120-A3 KREYENHAGEN HILLS, CA  
Most Recent Revision: 1978

West Map: 36120-B3 COALINGA, CA  
Most Recent Revision: 1979

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

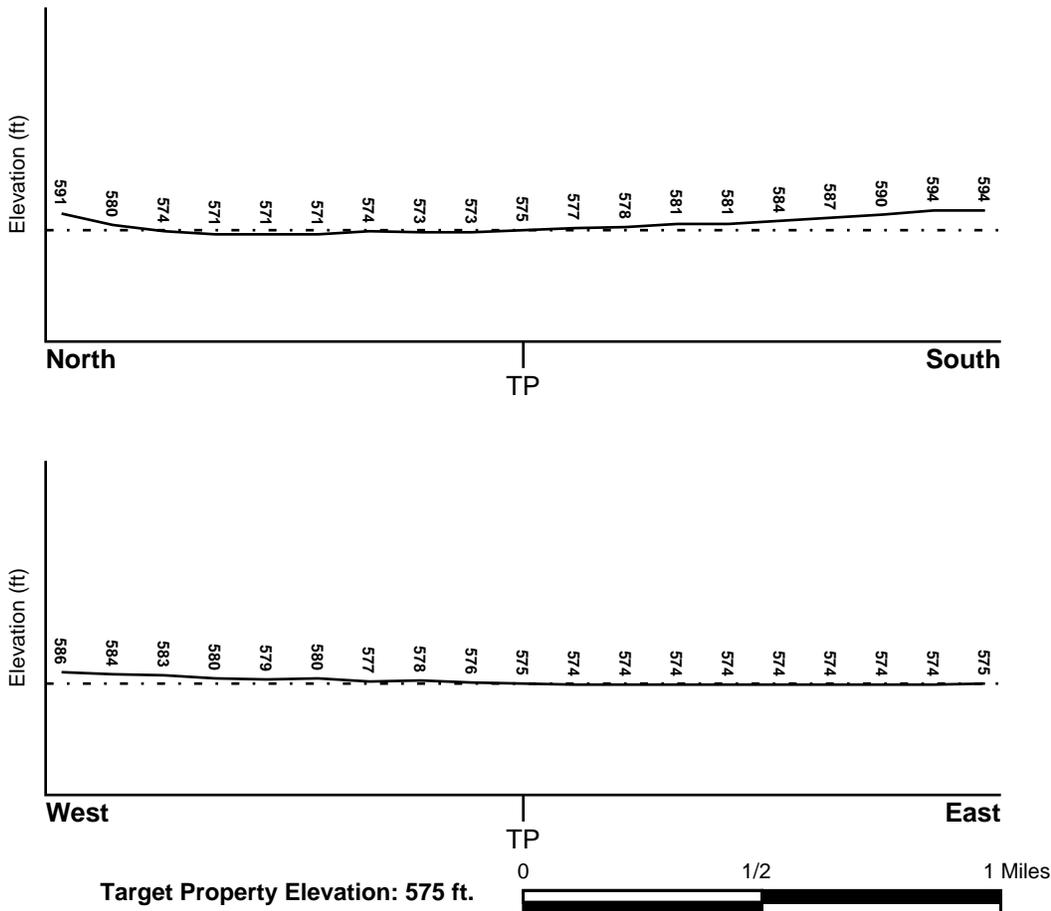
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## FEMA FLOOD ZONE

<u>Target Property County</u> FRESNO, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0650291725B
Additional Panels in search area:	Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> AVENAL	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	---

## HYDROGEOLOGIC INFORMATION

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

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

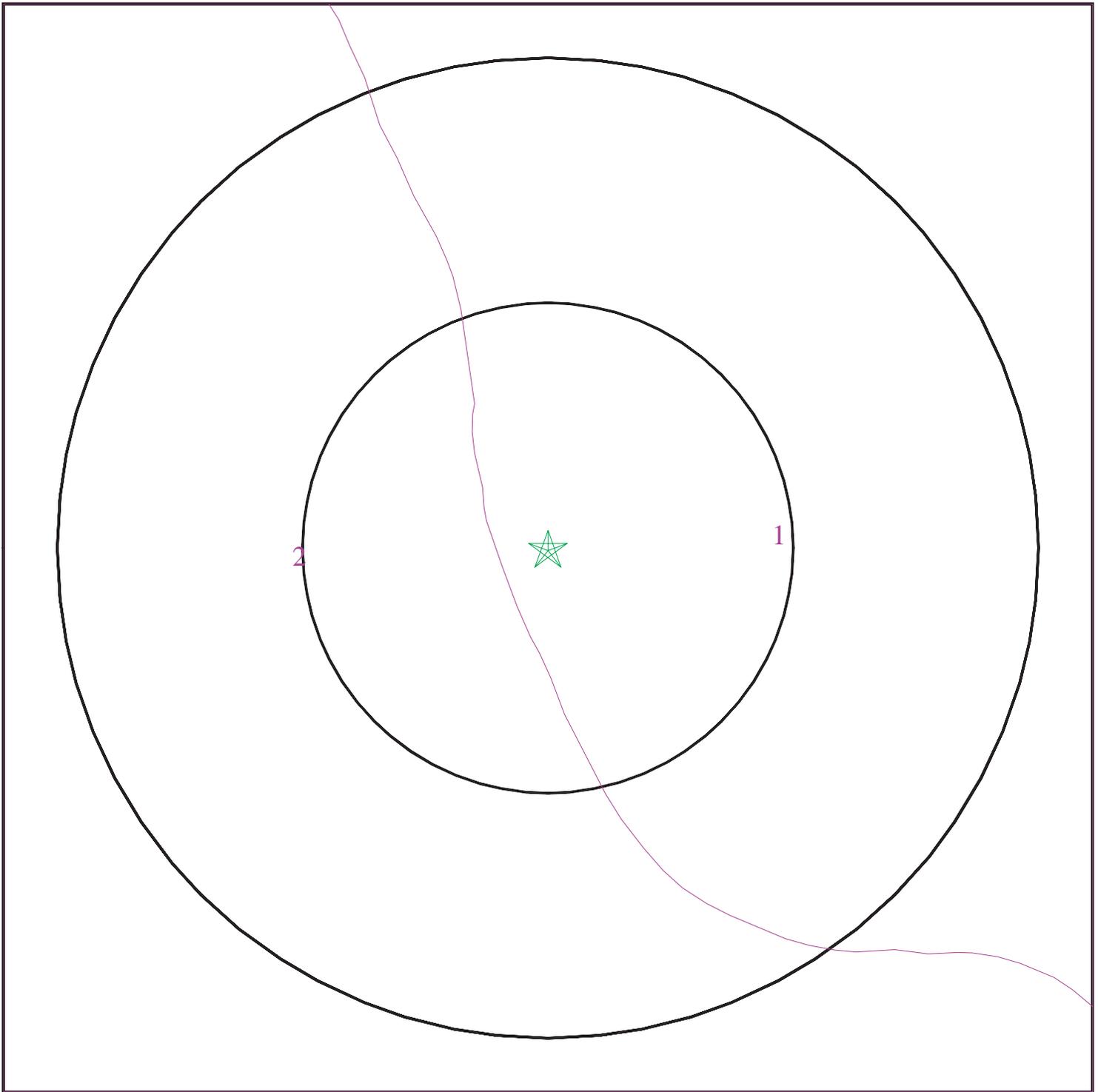
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 2210247.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Bethel Energy 7 & 8  
ADDRESS: West Jayne Avenue  
Coalinga CA 93210  
LAT/LONG: 36.1239 / 120.2372

CLIENT: URS Corporation  
CONTACT: Lowell Woodbury  
INQUIRY #: 2210247.2s  
DATE: May 02, 2008 9:32 am

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: LETHENT

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 0.42	Max: 9 Min: 7.9
2	7 inches	16 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 0.42	Max: 9 Min: 7.9
3	16 inches	25 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 0.42	Max: 9 Min: 7.9
4	25 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 0.42	Max: 9 Min: 7.9

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
5	33 inches	61 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 0.42	Max: 9 Min: 7.9
6	61 inches	72 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 0.42	Max: 9 Min: 7.9

### Soil Map ID: 2

Soil Component Name: POSOCHANET

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	14 inches	24 inches	stratified loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
4	24 inches	59 inches	stratified loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS3204943	0 - 1/8 Mile ESE
5	USGS3205127	1/2 - 1 Mile SSE

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

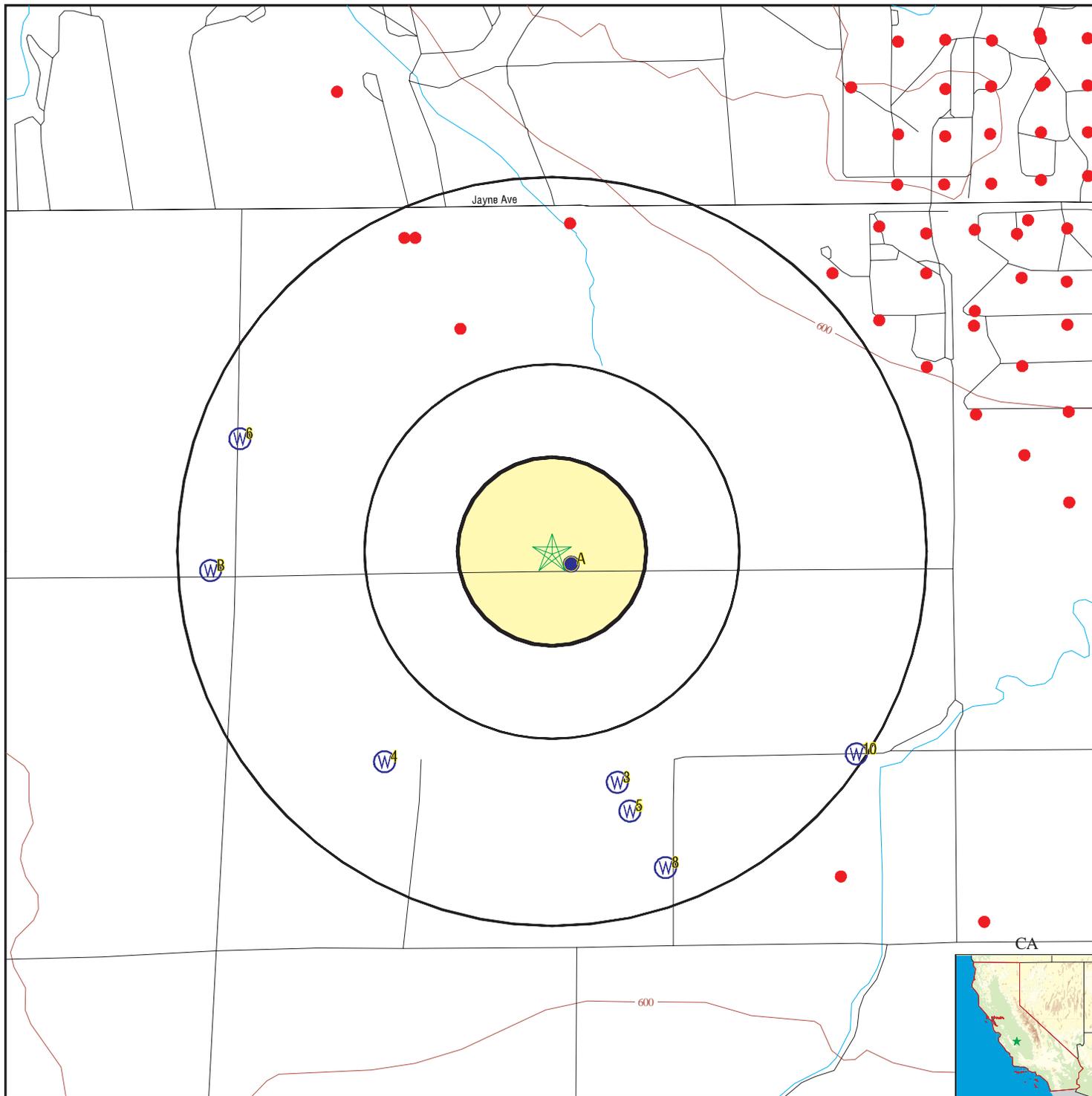
DISTANCE  
FROM TP (Miles)

0 - 1/8 Mile North  
0 - 1/8 Mile North

DISTANCE  
FROM TP (Miles)

0 - 1/8 Mile North  
0 - 1/8 Mile North

# PHYSICAL SETTING SOURCE MAP - 2210247.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

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

SITE NAME: Bethel Energy 7 & 8  
 ADDRESS: West Jayne Avenue  
 Coalinga CA 93210  
 LAT/LONG: 36.1239 / 120.2372

CLIENT: URS Corporation  
 CONTACT: Lowell Woodbury  
 INQUIRY #: 2210247.2s  
 DATE: May 02, 2008 9:31 am

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**SE**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CADW10000027140**

Longn:                    -120.2356  
Latn:                      36.1233  
Stwellno:                21S16E04R001M  
Districtco:              8  
Wellusecod:             Z  
Countycode:            10  
Gwcode:                 502210  
Site id:                 CADW10000027140

**A2**  
**ESE**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS      USGS3204943**

Agency cd:	USGS	Site no:	360725120140601
Site name:	021S016E03N001M		
Latitude:	360725		
Longitude:	1201406	Dec lat:	36.12356594
Dec lon:	-120.23597643	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	019
Country:	US	Land net:	SWSWSWS03 T21S R16E
Location map:	AVENAL	Map scale:	24000
Altitude:	575		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	TulareBuena Vista Lakes. California. Area = 8510 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19691017
Date inventoried:	19691017	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	607	Hole depth:	607
Source of depth data:	driller		
Project number:	470642800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1969-10-17	Ground water data end date:	1986-04-22
Ground water data count:	2		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-04-22	285		1969-10-17	209	

**3**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW10000027036**

Longn:                    -120.2331  
 Latn:                     36.115  
 Stwellno:                21S16E10M001M  
 Districtco:              8  
 Wellusecod:             Z  
 Countycode:             10  
 Gwcode:                 502210  
 Site id:                 CADW10000027036

**4**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW10000027050**

Longn:                    -120.2442  
 Latn:                     36.1158  
 Stwellno:                21S16E09L001M  
 Districtco:              8  
 Wellusecod:             Z  
 Countycode:             10  
 Gwcode:                 502210  
 Site id:                 CADW10000027050

**5**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3205127**

Agency cd:                USGS	Site no:                    360650120135701	
Site name:                021S016E10N002M		
Latitude:                 360650		
Longitude:                1201357	Dec lat:                    36.11384392	
Dec lon:                  -120.23347626	Coor meth:                M	
Coor accr:                U	Latlong datum:         NAD27	
Dec latlong datum:     NAD83	District:                 06	
State:                    06	County:                  019	
Country:                 US	Land net:                 Not Reported	
Location map:            Not Reported	Map scale:                Not Reported	
Altitude:                 Not Reported		
Altitude method:        Not Reported		
Altitude accuracy:      12.		
Altitude datum:        Not Reported		
Hydrologic:              TulareBuena Vista Lakes. California. Area = 8510 sq.mi.		
Topographic:             Not Reported		
Site type:                Ground-water other than Spring	Date construction:        Not Reported	
Date inventoried:        Not Reported	Mean greenwich time offset:    PST	



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**B9**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW10000027141**

Longn:                    -120.2528  
 Latn:                     36.1233  
 Stwellno:                21S16E04N002M  
 Districtco:              8  
 Wellusecod:             Z  
 Countycode:            10  
 Gwcode:                 502210  
 Site id:                 CADW10000027141

**10**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW10000027059**

Longn:                    -120.2217  
 Latn:                     36.1161  
 Stwellno:                21S16E10G001M  
 Districtco:              8  
 Wellusecod:             Z  
 Countycode:            10  
 Gwcode:                 502210  
 Site id:                 CADW10000027059

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000175201**

Apinumber:	01905377	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	68-28
Field:	Pleasant Valley	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.152516		
Longitude:	-120.232952		
Td:	11586		
Sec:	28		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	07/09/1944 00:00:00
Abanddate:	12/22/1992 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177095
Site id:	CAOG30000175201		

**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000175170**

Apinumber:	01923978	Operator:	Nuevo Energy Company
Lease:	Leda	Well no:	1
Field:	Pleasant Valley	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	000
Source:	hud		
Latitude:	36.152033		
Longitude:	-120.240024		
Td:	0		
Sec:	28		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	07/09/1944 00:00:00
Abanddate:	12/22/1992 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177098
Site id:	CAOG30000175170		

**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000175105**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904678	Operator:	Lloyd A. Harnish, Opr.
Lease:	Not Reported	Well no:	1
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.150825		
Longitude:	-120.24651		
Td:	9855		
Sec:	32		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177112
Site id:	CAOG30000175105		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000175028**

Apinumber:	01904709	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	22
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	Opr		
Latitude:	36.14915		
Longitude:	-120.24203		
Td:	0		
Sec:	33		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	1633295		
Y coord1:	299363		
Zone:	4	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177119
Site id:	CAOG30000175028		

---

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000175019**

Apinumber:	01904667	Operator:	Russell Giffen
Lease:	Not Reported	Well no:	62
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.148952		
Longitude:	-120.250972		
Td:	10042		
Sec:	32		
Twn:	20S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	03/12/1955 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	177118
Zone:	Not Reported		
Abanddate:	05/04/1955 00:00:00		
District:	5		
Site id:	CAOG30000175019		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174955**

Apinumber:	01904681	Operator:	Lloyd A. Harnish, Opr.
Lease:	Not Reported	Well no:	83
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.147482		
Longitude:	-120.246506		
Td:	0		
Sec:	32	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177115
Site id:	CAOG30000174955		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174952**

Apinumber:	01904848	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	43-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.147457		
Longitude:	-120.219643		
Td:	8159		
Sec:	34	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	11/18/1949 00:00:00
Abanddate:	11/23/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177160
Site id:	CAOG30000174952		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174946**

Apinumber:	01904708	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	3
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.14734		
Longitude:	-120.24425		
Td:	0		
Sec:	33		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	1632630		
Y coord1:	298711		
Zone:	4	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177122
Site id:	CAOG30000174946		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174945**

Apinumber:	01904710	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	23
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.14734		
Longitude:	-120.24203		
Td:	0		
Sec:	33		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	1633285		
Y coord1:	298702		
Zone:	4	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177120
Site id:	CAOG30000174945		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174943**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904672	Operator:	H.O. Strickler, Operator
Lease:	Allison	Well no:	E53-34F
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.147293		
Longitude:	-120.217415		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177125
Site id:	CAOG30000174943		

---

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174942**

Apinumber:	01904845	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	3-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.147281		
Longitude:	-120.226292		
Td:	10293		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177157
Site id:	CAOG30000174942		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174940**

Apinumber:	01904680	Operator:	Lloyd A. Harnish, Opr.
Lease:	Not Reported	Well no:	73
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.147194		
Longitude:	-120.248705		
Td:	0		
Sec:	32		
Twn:	20S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	03/12/1955 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	177114
Zone:	Not Reported		
Abanddate:	05/04/1955 00:00:00		
District:	5		
Site id:	CAOG30000174940		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174883**

Apinumber:	01904711	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	Opr		
Latitude:	36.14567		
Longitude:	-120.2397		
Td:	0		
Sec:	33	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	1633967		
Y coord1:	298084		
Zone:	4	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177121
Site id:	CAOG30000174883		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174879**

Apinumber:	01904849	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	44-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.145616		
Longitude:	-120.219401		
Td:	10351		
Sec:	34	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	05/24/1957 00:00:00
Abanddate:	11/23/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177161
Site id:	CAOG30000174879		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174878**

Apinumber:	01904783	Operator:	Oryx Energy Company
Lease:	Allison	Well no:	A54-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.145611		
Longitude:	-120.217425		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177136
Site id:	CAOG30000174878		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174877**

Apinumber:	01904784	Operator:	Oryx Energy Company
Lease:	Allison	Well no:	E54-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.145608		
Longitude:	-120.217759		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177137
Site id:	CAOG30000174877		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174876**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904789	Operator:	Oryx Energy Company
Lease:	Allison	Well no:	A74-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.145605		
Longitude:	-120.213028		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177142
Site id:	CAOG30000174876		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174869**

Apinumber:	01904791	Operator:	Oryx Energy Company
Lease:	Allison	Well no:	E74-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.145399		
Longitude:	-120.212943		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177144
Site id:	CAOG30000174869		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174867**

Apinumber:	01904679	Operator:	Lloyd A. Harnish, Opr.
Lease:	Not Reported	Well no:	64
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.145381		
Longitude:	-120.250965		
Td:	8642		
Sec:	32		
Twn:	20S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	03/12/1955 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	177113
Zone:	Not Reported		
Abanddate:	05/04/1955 00:00:00		
District:	5		
Site id:	CAOG30000174867		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174857**

Apinumber:	01904684	Operator:	Sam B. Herndon, Operator
Lease:	Herndon	Well no:	1
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.14521		
Longitude:	-120.246476		
Td:	10249		
Sec:	32	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	03/12/1955 00:00:00
Abanddate:	05/04/1955 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177117
Site id:	CAOG30000174857		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174822**

Apinumber:	01904795	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	E75-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.143997427		
Longitude:	-120.212970923		
Td:	0		
Sec:	34	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177148
Site id:	CAOG30000174822		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174815**

Apinumber:	01904800	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	E85-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.143803412		
Longitude:	-120.210666903		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177153
Site id:	CAOG30000174815		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174814**

Apinumber:	01904794	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	A75-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.143789083		
Longitude:	-120.212903184		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177147
Site id:	CAOG30000174814		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174811**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904853	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	55-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.143745		
Longitude:	-120.217462		
Td:	10391		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	05/25/1957 00:00:00
Abanddate:	11/18/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177165
Site id:	CAOG30000174811		

---

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174809**

Apinumber:	01904857	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	65-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.143719		
Longitude:	-120.215235		
Td:	8230		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	10/01/1949 00:00:00
Abanddate:	11/18/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177169
Site id:	CAOG30000174809		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174802**

Apinumber:	01904850	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	45-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	090
Source:	hud		
Latitude:	36.143678		
Longitude:	-120.219715		
Td:	8169		
Sec:	34		
Twn:	20S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	08/14/1949 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	177162
Zone:	Not Reported		
Abanddate:	11/23/1994 00:00:00		
District:	5		
Site id:	CAOG30000174802		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174762**

Apinumber:	01904797	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	E76-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.142093645		
Longitude:	-120.212725645		
Td:	0		
Sec:	34	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177150
Site id:	CAOG30000174762		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174755**

Apinumber:	01904801	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	E86-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.141983697		
Longitude:	-120.210668772		
Td:	0		
Sec:	34	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177154
Site id:	CAOG30000174755		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174754**

Apinumber:	01904796	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	A76-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.141971523		
Longitude:	-120.212898921		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177149
Site id:	CAOG30000174754		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174752**

Apinumber:	01904858	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	66-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.141945		
Longitude:	-120.215273		
Td:	8764		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/27/1948 00:00:00
Abanddate:	11/29/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177170
Site id:	CAOG30000174752		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174750**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904846	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	36-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.141907		
Longitude:	-120.221951		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177158
Site id:	CAOG30000174750		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174748**

Apinumber:	01904854	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	56-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.141845		
Longitude:	-120.217456		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	05/25/1957 00:00:00
Abanddate:	11/18/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177166
Site id:	CAOG30000174748		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174747**

Apinumber:	01904682	Operator:	Lloyd A. Harnish, Opr.
Lease:	Not Reported	Well no:	86
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.141737		
Longitude:	-120.24647		
Td:	8831		
Sec:	32		
Twn:	20S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	03/12/1955 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	177116
Zone:	Not Reported		
Abanddate:	05/04/1955 00:00:00		
District:	5		
Site id:	CAOG30000174747		

---

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174715**

Apinumber:	01904712	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	7
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.14028		
Longitude:	-120.20832		
Td:	0		
Sec:	35	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	1643206		
Y coord1:	296007		
Zone:	4	Spuddate:	10/16/1948 00:00:00
Abanddate:	11/18/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177195
Site id:	CAOG30000174715		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174711**

Apinumber:	01904802	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	E87-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.140171293		
Longitude:	-120.210656986		
Td:	0		
Sec:	34	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177155
Site id:	CAOG30000174711		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174709**

Apinumber:	01904798	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	77-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.140160888		
Longitude:	-120.212897559		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177151
Site id:	CAOG30000174709		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174707**

Apinumber:	01904859	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	67-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.140102		
Longitude:	-120.215323		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/27/1948 00:00:00
Abanddate:	11/29/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177171
Site id:	CAOG30000174707		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174705**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904851	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	47-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.140085		
Longitude:	-120.219706		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	08/14/1949 00:00:00
Abanddate:	11/23/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177163
Site id:	CAOG30000174705		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174703**

Apinumber:	01904855	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	57-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.140013		
Longitude:	-120.217465		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	02/16/1949 00:00:00
Abanddate:	11/21/1992 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177167
Site id:	CAOG30000174703		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174667**

Apinumber:	01904717	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	28
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.138477		
Longitude:	-120.206093		
Td:	0		
Sec:	35		
Twn:	20S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	10/16/1948 00:00:00
X coord1:	1643857	Comments:	Not Reported
Y coord1:	295339	Mapinfo id:	177194
Zone:	4		
Abanddate:	11/18/1994 00:00:00		
District:	5		
Site id:	CAOG30000174667		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174666**

Apinumber:	01904803	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	88-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.138473636		
Longitude:	-120.210647299		
Td:	0		
Sec:	34	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177156
Site id:	CAOG30000174666		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174665**

Apinumber:	01904713	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	8
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.13847		
Longitude:	-120.20832		
Td:	0		
Sec:	35	Rge:	16E
Twn:	20S		
Bm:	MD		
X coord1:	1643198		
Y coord1:	295347		
Zone:	4	Spuddate:	10/16/1948 00:00:00
Abanddate:	11/18/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177175
Site id:	CAOG30000174665		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174663**

Apinumber:	01904799	Operator:	Valwood Production Company
Lease:	Fred Smith	Well no:	78-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	010
Source:	GPS		
Latitude:	36.138319714		
Longitude:	-120.212893969		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	09/01/1954 00:00:00
Abanddate:	05/06/1993 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177152
Site id:	CAOG30000174663		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174660**

Apinumber:	01904860	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	68-34
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.138179		
Longitude:	-120.215262		
Td:	8829		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	10/16/1948 00:00:00
Abanddate:	11/18/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177172
Site id:	CAOG30000174660		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174658**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904856	Operator:	Nuevo Energy Company, Opr.
Lease:	R.E. Smith	Well no:	58-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.138147		
Longitude:	-120.217515		
Td:	0		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	02/16/1949 00:00:00
Abanddate:	11/21/1992 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177168
Site id:	CAOG30000174658		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174657**

Apinumber:	01904852	Operator:	Nuevo Energy Company, Opr.
Lease:	Gatchell	Well no:	48-34
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.138138		
Longitude:	-120.219755		
Td:	8734		
Sec:	34		
Twn:	20S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	04/06/1949 00:00:00
Abanddate:	11/23/1994 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	177164
Site id:	CAOG30000174657		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174632**

Apinumber:	01923977	Operator:	Temblor Petroleum Company LLC
Lease:	Dessel	Well no:	321H-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	009
Source:	GPS		
Latitude:	36.13676595		
Longitude:	-120.213514574		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	02/17/1998 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	176313
Zone:	Not Reported		
Abanddate:	01/10/1967 00:00:00		
District:	5		
Site id:	CAOG30000174632		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174627**

Apinumber:	01904683	Operator:	Lloyd A. Harnish, Opr.
Lease:	Not Reported	Well no:	81-4H
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.136643		
Longitude:	-120.235357		
Td:	0		
Sec:	4	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	01/05/1952 00:00:00
Abanddate:	02/03/1952 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176339
Site id:	CAOG30000174627		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174620**

Apinumber:	01904735	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	71
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	Opr		
Latitude:	36.13652		
Longitude:	-120.22061		
Td:	0		
Sec:	3	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	1639561		
Y coord1:	294683		
Zone:	4	Spuddate:	04/28/1956 00:00:00
Abanddate:	08/30/1956 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	174352
Site id:	CAOG30000174620		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174617**

Apinumber:	01904816	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	51-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.136476		
Longitude:	-120.207041		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176294
Site id:	CAOG30000174617		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174616**

Apinumber:	01904818	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	E61-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.136464		
Longitude:	-120.204987		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176296
Site id:	CAOG30000174616		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174615**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904813	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	41-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.136461		
Longitude:	-120.209405		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176291
Site id:	CAOG30000174615		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174614**

Apinumber:	01904811	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	31-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.136447		
Longitude:	-120.211645		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176289
Site id:	CAOG30000174614		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174612**

Apinumber:	01904806	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	1-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.136395		
Longitude:	-120.216056		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	12/02/1966 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	176284
Zone:	Not Reported		
Abanddate:	01/10/1967 00:00:00		
District:	5		
Site id:	CAOG30000174612		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174608**

Apinumber:	01904737	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	81
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.13625		
Longitude:	-120.21837		
Td:	0		
Sec:	3	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	1640220		
Y coord1:	294575		
Zone:	4	Spuddate:	04/28/1956 00:00:00
Abanddate:	08/30/1956 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	174354
Site id:	CAOG30000174608		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174606**

Apinumber:	01904809	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	21-2
Field:	Gujarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.136233		
Longitude:	-120.214041		
Td:	0		
Sec:	2	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176287
Site id:	CAOG30000174606		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174603**

Apinumber:	01904685	Operator:	Sam B. Herndon, Operator
Lease:	Herndon	Well no:	2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.136081		
Longitude:	-120.242739		
Td:	0		
Sec:	4		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	01/05/1952 00:00:00
Abanddate:	02/03/1952 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176336
Site id:	CAOG30000174603		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174601**

Apinumber:	01904686	Operator:	Sam B. Herndon, Operator
Lease:	Herndon	Well no:	3
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.136078		
Longitude:	-120.243258		
Td:	0		
Sec:	4		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	01/05/1952 00:00:00
Abanddate:	02/03/1952 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176337
Site id:	CAOG30000174601		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174580**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904734	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	62
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.13471		
Longitude:	-120.22284		
Td:	0		
Sec:	3		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	1638893		
Y coord1:	294032		
Zone:	4	Spuddate:	04/28/1956 00:00:00
Abanddate:	08/30/1956 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	174357
Site id:	CAOG30000174580		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174579**

Apinumber:	01904738	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	82
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.13471		
Longitude:	-120.21837		
Td:	0		
Sec:	3		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	1640212		
Y coord1:	294015		
Zone:	4	Spuddate:	04/28/1956 00:00:00
Abanddate:	08/30/1956 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	174355
Site id:	CAOG30000174579		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174578**

Apinumber:	01904819	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	62-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.134664		
Longitude:	-120.204861		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	12/02/1966 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	176297
Zone:	Not Reported		
Abanddate:	01/10/1967 00:00:00		
District:	5		
Site id:	CAOG30000174578		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174575**

Apinumber:	01904814	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	42-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.134583		
Longitude:	-120.209465		
Td:	0		
Sec:	2	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176292
Site id:	CAOG30000174575		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174573**

Apinumber:	01904826	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	22-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.13453		
Longitude:	-120.21382		
Td:	0		
Sec:	2	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176304
Site id:	CAOG30000174573		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000174571**

Apinumber:	01921171	Operator:	McFarland Energy, Inc.
Lease:	Wentker Dessel	Well no:	32X
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.134389		
Longitude:	-120.21167		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176312
Site id:	CAOG30000174571		

**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000174548**

Apinumber:	01904808	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	3A-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.133245		
Longitude:	-120.216052		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176286
Site id:	CAOG30000174548		

**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000174534**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904736	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	73
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	Opr		
Latitude:	36.13289		
Longitude:	-120.22061		
Td:	0		
Sec:	3		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	1639544		
Y coord1:	293363		
Zone:	4	Spuddate:	04/28/1956 00:00:00
Abanddate:	08/30/1956 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	174353
Site id:	CAOG30000174534		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174532**

Apinumber:	01904822	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	73-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.132826		
Longitude:	-120.202712		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176300
Site id:	CAOG30000174532		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174531**

Apinumber:	01904817	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	53-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.132824		
Longitude:	-120.207006		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	12/02/1966 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	176295
Zone:	Not Reported		
Abanddate:	01/10/1967 00:00:00		
District:	5		
Site id:	CAOG30000174531		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174528**

Apinumber:	01904812	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	33-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.132718		
Longitude:	-120.21164		
Td:	0		
Sec:	2	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176290
Site id:	CAOG30000174528		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174527**

Apinumber:	01904807	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	3-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.132676		
Longitude:	-120.216094		
Td:	0		
Sec:	2	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176285
Site id:	CAOG30000174527		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174523**

Apinumber:	01921486	Operator:	Challenger Minerals Inc.
Lease:	E.L. Caine	Well no:	63-4
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.13256		
Longitude:	-120.240586		
Td:	0		
Sec:	4		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	01/05/1952 00:00:00
Abanddate:	02/03/1952 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176338
Site id:	CAOG30000174523		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174495**

Apinumber:	01904820	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	64-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.131141		
Longitude:	-120.204828		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176298
Site id:	CAOG30000174495		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174493**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904810	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	24-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.131115		
Longitude:	-120.21379		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176288
Site id:	CAOG30000174493		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174492**

Apinumber:	01904815	Operator:	Oryx Energy Company
Lease:	Dessel	Well no:	44-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.131112		
Longitude:	-120.209339		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176293
Site id:	CAOG30000174492		

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**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174488**

Apinumber:	01904739	Operator:	Chevron U.S.A. Inc.
Lease:	Not Reported	Well no:	84
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	Opr		
Latitude:	36.13108		
Longitude:	-120.21834		
Td:	0		
Sec:	3		
Twn:	21S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	04/28/1956 00:00:00
X coord1:	1640205	Comments:	Not Reported
Y coord1:	292693	Mapinfo id:	174356
Zone:	4		
Abanddate:	08/30/1956 00:00:00		
District:	5		
Site id:	CAOG30000174488		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174468**

Apinumber:	01904830	Operator:	McFarland Energy, Inc.
Lease:	Sanger	Well no:	65-2-6
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.129352		
Longitude:	-120.204871		
Td:	0		
Sec:	2	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176308
Site id:	CAOG30000174468		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174467**

Apinumber:	01904829	Operator:	Oryx Energy Company
Lease:	Sanger	Well no:	35-2-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.129349		
Longitude:	-120.211579		
Td:	0		
Sec:	2	Rge:	16E
Twn:	21S		
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176307
Site id:	CAOG30000174467		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174466**

Apinumber:	01904687	Operator:	Lebow Fresno Oil Company
Lease:	Sanger	Well no:	55-1
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.129337		
Longitude:	-120.207122		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	02/17/1998 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176314
Site id:	CAOG30000174466		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174460**

Apinumber:	01904828	Operator:	Oryx Energy Company
Lease:	Sanger	Well no:	5-2-4
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.129243		
Longitude:	-120.215995		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176306
Site id:	CAOG30000174460		

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174459**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	01904697	Operator:	Polvadero Oil Company
Lease:	Not Reported	Well no:	1
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.129242		
Longitude:	-120.209689		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176283
Site id:	CAOG30000174459		

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**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000174458**

Apinumber:	01904831	Operator:	Oryx Energy Company
Lease:	Sanger	Well no:	75-2-3
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	014
Source:	hud		
Latitude:	36.129235		
Longitude:	-120.202649		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/02/1966 00:00:00
Abanddate:	01/10/1967 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176309
Site id:	CAOG30000174458		

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**North  
0 - 1/8 Mile**

**OIL\_GAS CAOG30000174439**

Apinumber:	01904833	Operator:	Oryx Energy Company
Lease:	Sunray-McCulloch Sanger	Well no:	26-2
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	hud		
Latitude:	36.12767		
Longitude:	-120.213687		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	12/02/1966 00:00:00
X coord1:	0	Comments:	Not Reported
Y coord1:	0	Mapinfo id:	176311
Zone:	Not Reported		
Abanddate:	01/10/1967 00:00:00		
District:	5		
Site id:	CAOG30000174439		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174425**

Apinumber:	01904668	Operator:	Chevron U.S.A. Inc.
Lease:	Orr	Well no:	1
Field:	Guijarral Hills	Caoilgas m2 area:	Not Reported
Map:	503	Status cod:	006
Source:	Opr		
Latitude:	36.12584		
Longitude:	-120.21155		
Td:	0		
Sec:	2		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	1642187		
Y coord1:	290762		
Zone:	4	Spuddate:	04/28/1956 00:00:00
Abanddate:	08/30/1956 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	174351
Site id:	CAOG30000174425		

**North  
0 - 1/8 Mile**

**OIL\_GAS      CAOG30000174336**

Apinumber:	01906356	Operator:	Richard S. Rheem, Operator
Lease:	Wells	Well no:	67
Field:	Fresno County	Caoilgas m2 area:	Not Reported
Map:	502	Status cod:	006
Source:	hud		
Latitude:	36.111356		
Longitude:	-120.222436		
Td:	9700		
Sec:	10		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/03/1965 00:00:00
Abanddate:	12/28/1965 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176273
Site id:	CAOG30000174336		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction \_\_\_\_\_ Database \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 Distance \_\_\_\_\_

**North**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG30000174327**

Apinumber:	01906362	Operator:	Vista Petroleum Company
Lease:	Tidewater	Well no:	18-11
Field:	Fresno County	Caoilgas m2 area:	Not Reported
Map:	502	Status cod:	006
Source:	hud		
Latitude:	36.109601		
Longitude:	-120.215604		
Td:	9901		
Sec:	11		
Twn:	21S	Rge:	16E
Bm:	MD		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	06/27/1965 00:00:00
Abanddate:	07/28/1965 00:00:00	Comments:	Not Reported
District:	5	Mapinfo id:	176274
Site id:	CAOG30000174327		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
93210	2	0	0.00

Federal EPA Radon Zone for FRESNO 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 Zip Code: 93210

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

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

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

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

## HYDROLOGIC INFORMATION

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

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

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

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

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

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

### **SSURGO: Soil Survey Geographic Database**

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### **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.

## OTHER STATE DATABASE INFORMATION

#### **California Oil and Gas Well Locations**

Source: Department of Conservation

Telephone: 916-323-1779

### RADON

#### **State Database: CA Radon**

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

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

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

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

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

**Airport Landing Facilities:** Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

**Epicenters:** World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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**Bethel Energy 7 & 8**

West Jayne Avenue  
Coalinga, CA 93210

Inquiry Number: 2222116.2

May 16, 2008

# The EDR Historical Topographic Map Report



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

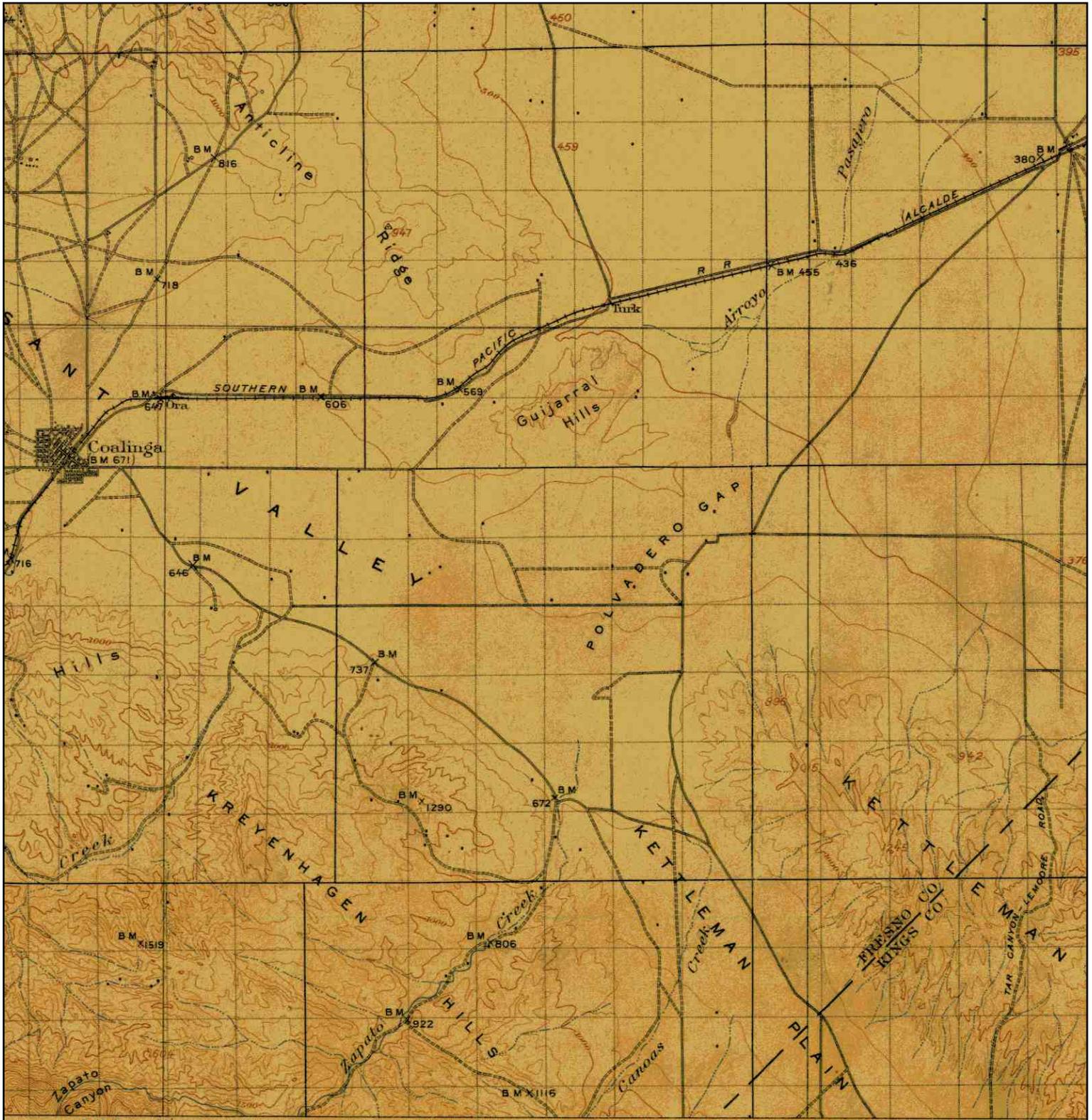
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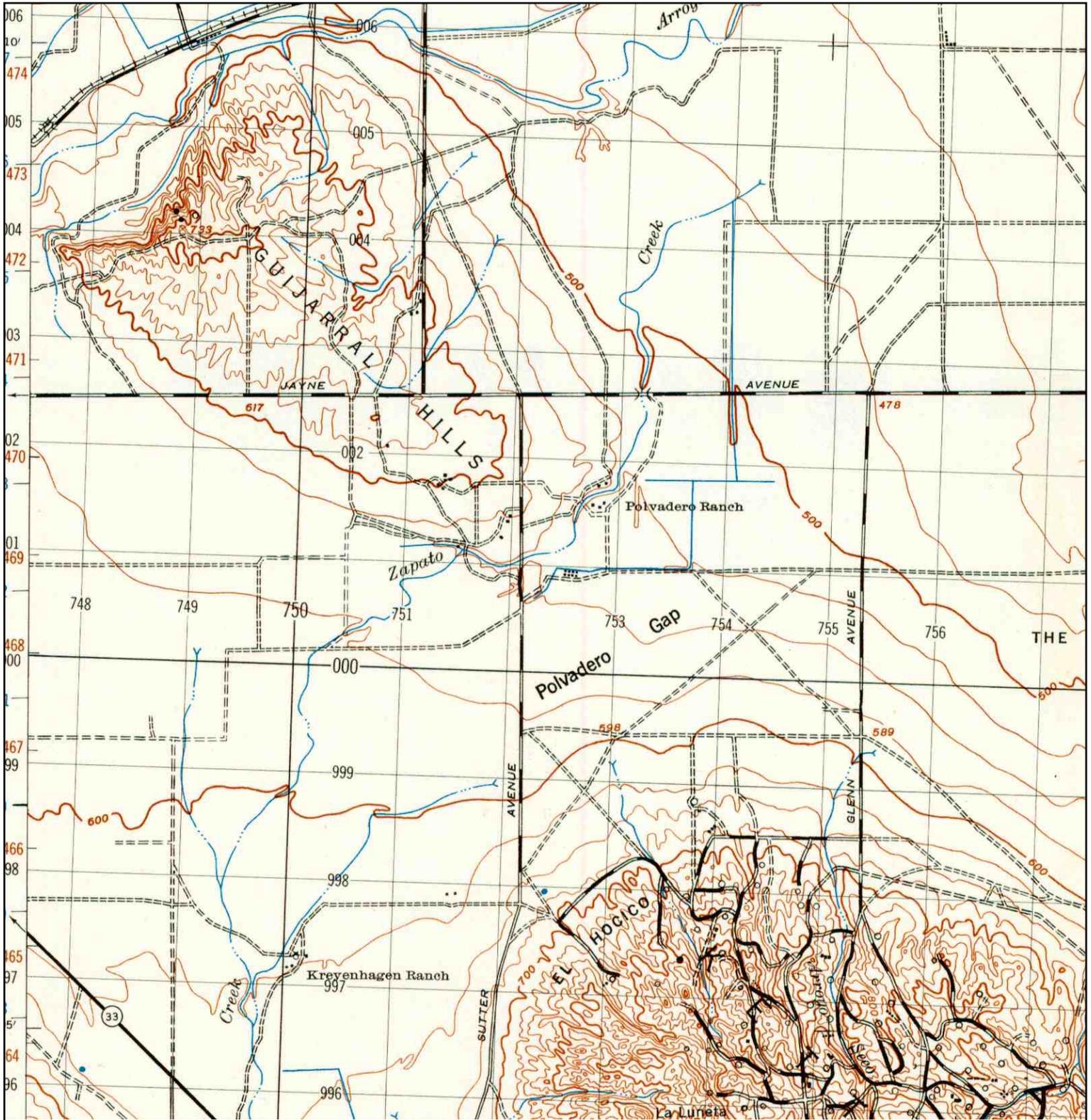
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# Historical Topographic Map



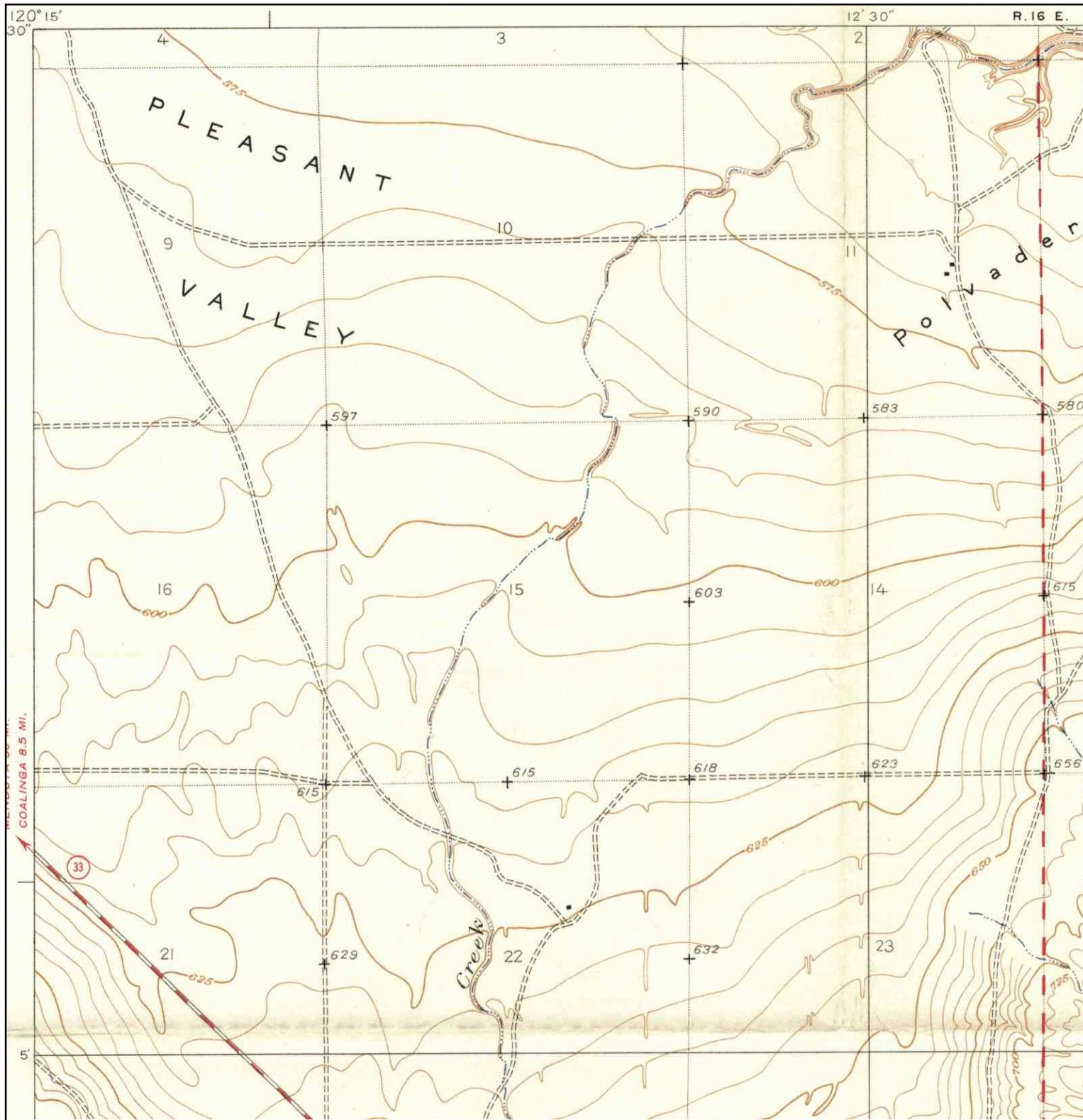
<p>N ↑</p>	<p>TARGET QUAD NAME: COALINGA MAP YEAR: 1912</p>	<p>SITE NAME: Bethel Energy 7 &amp; 8 ADDRESS: West Jayne Avenue Coalinga, CA 93210 LAT/LONG: 36.1239 / 120.237</p>	<p>CLIENT: URS Corporation CONTACT: Lowell Woodbury INQUIRY#: 2222116.2 RESEARCH DATE: 05/16/2008</p>
	<p>SERIES: 30 SCALE: 1:125000</p>		

# Historical Topographic Map



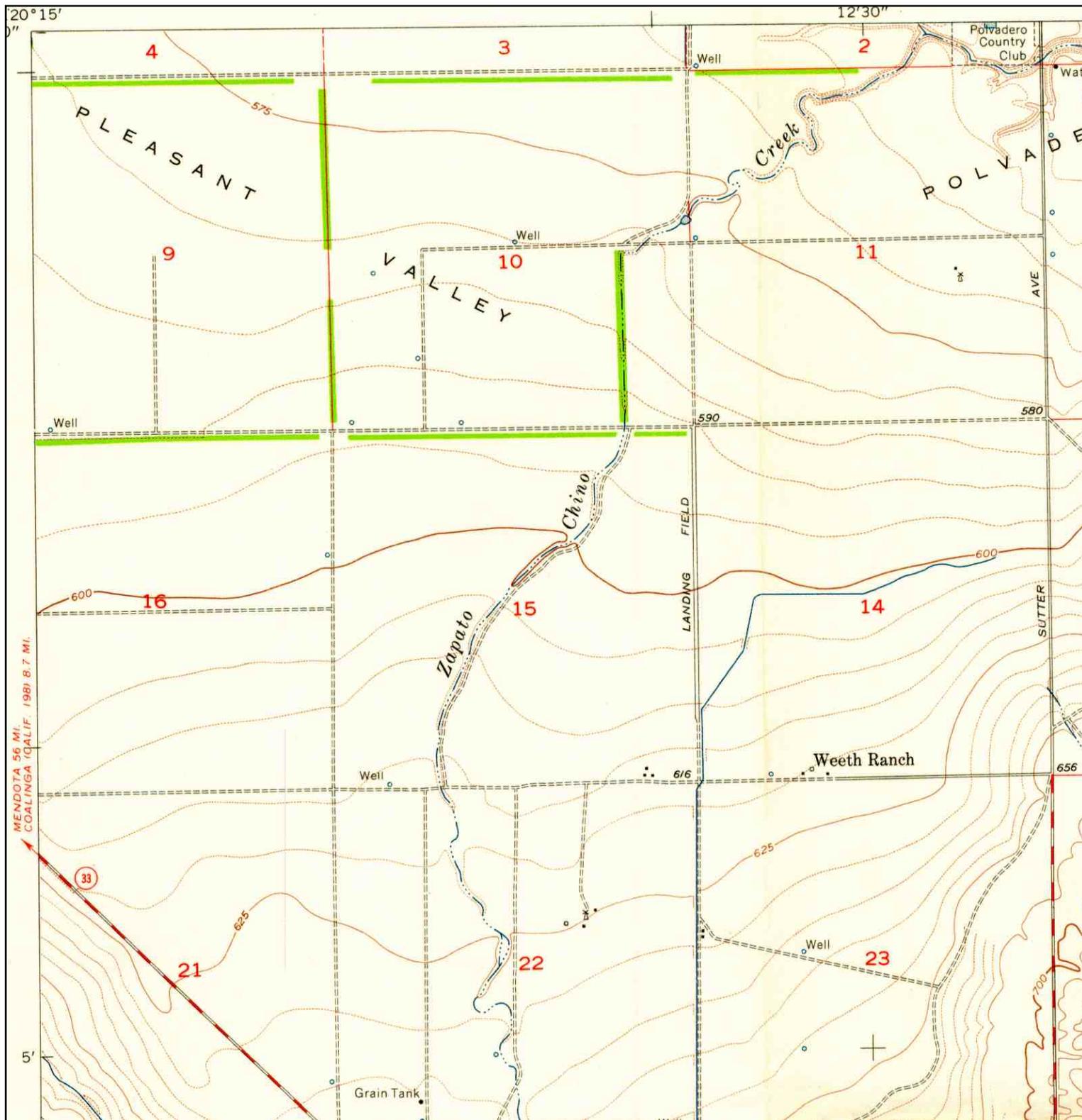
<p>N ↑</p>	<p>TARGET QUAD NAME: POLVADERO GAP MAP YEAR: 1947</p>	<p>SITE NAME: Bethel Energy 7 &amp; 8 ADDRESS: West Jayne Avenue Coalinga, CA 93210 LAT/LONG: 36.1239 / 120.237</p>	<p>CLIENT: URS Corporation CONTACT: Lowell Woodbury INQUIRY#: 2222116.2 RESEARCH DATE: 05/16/2008</p>
	<p>SERIES: 15 SCALE: 1:50000</p>		

# Historical Topographic Map



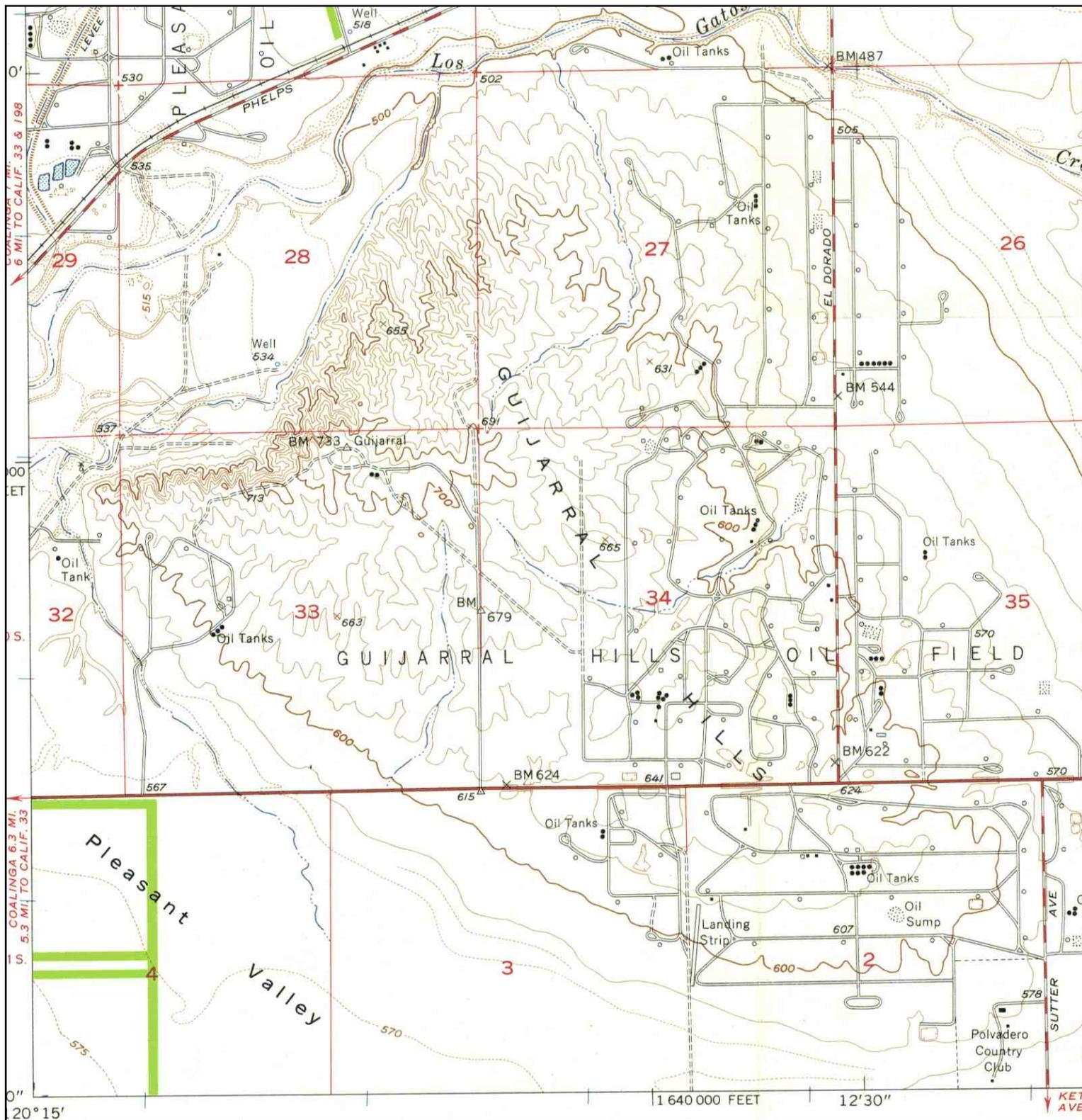
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Bethel Energy 7 & 8	<b>CLIENT:</b> URS Corporation	
	<b>NAME:</b> CANOAS CREEK=AVENAL	<b>ADDRESS:</b> West Jayne Avenue Coalinga, CA 93210	<b>CONTACT:</b> Lowell Woodbury	
	<b>MAP YEAR:</b> 1950	<b>LAT/LONG:</b> 36.1239 / 120.237	<b>INQUIRY#:</b> 2222116.2	<b>RESEARCH DATE:</b> 05/16/2008
	<b>SERIES:</b> 7.5			
	<b>SCALE:</b> 1:24000			

# Historical Topographic Map



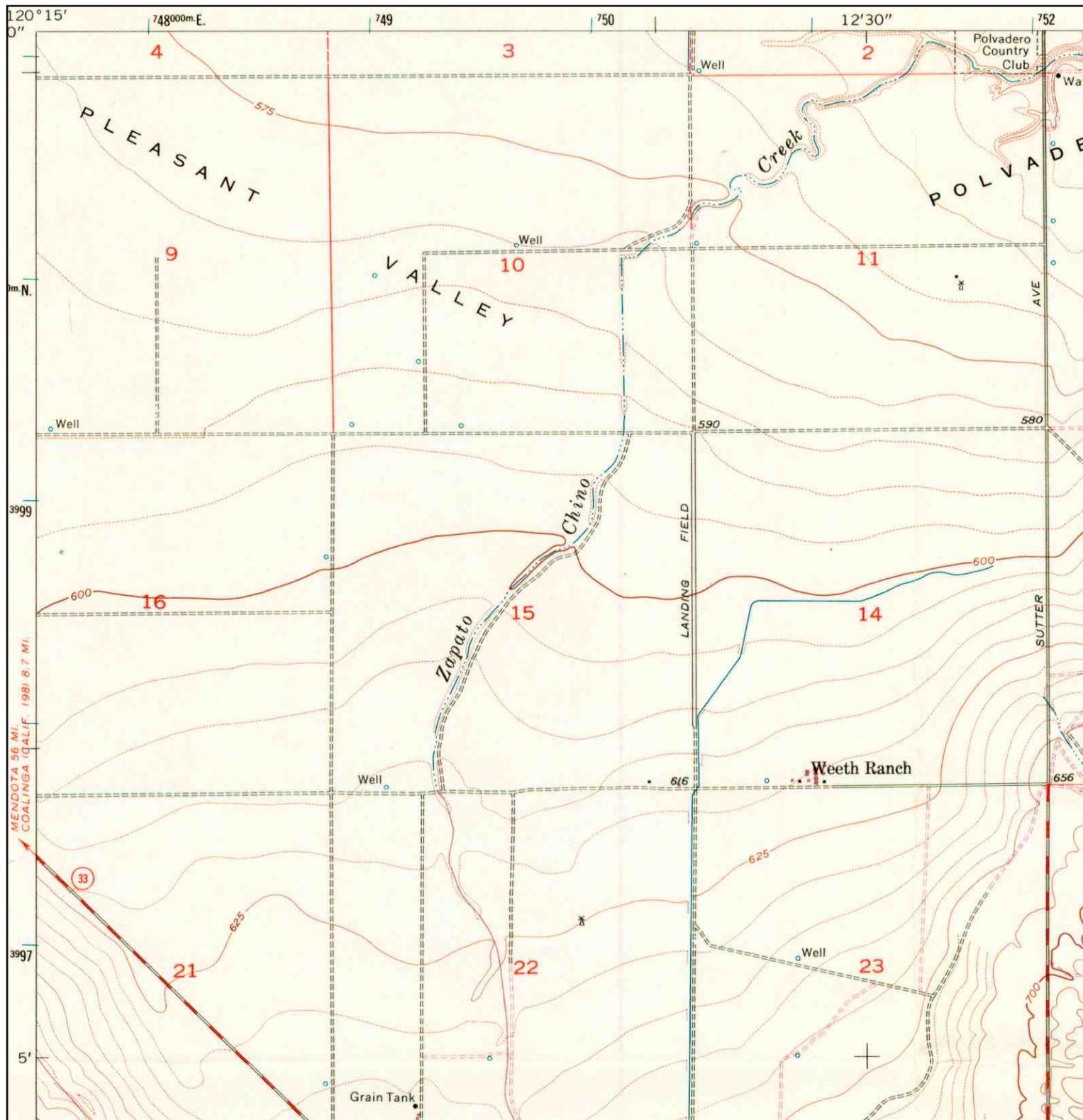
<p>N ↑</p>	<p>TARGET QUAD NAME: AVENAL MAP YEAR: 1954</p>	<p>SITE NAME: Bethel Energy 7 &amp; 8 ADDRESS: West Jayne Avenue Coalinga, CA 93210 LAT/LONG: 36.1239 / 120.237</p>	<p>CLIENT: URS Corporation CONTACT: Lowell Woodbury INQUIRY#: 2222116.2 RESEARCH DATE: 05/16/2008</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

# Historical Topographic Map



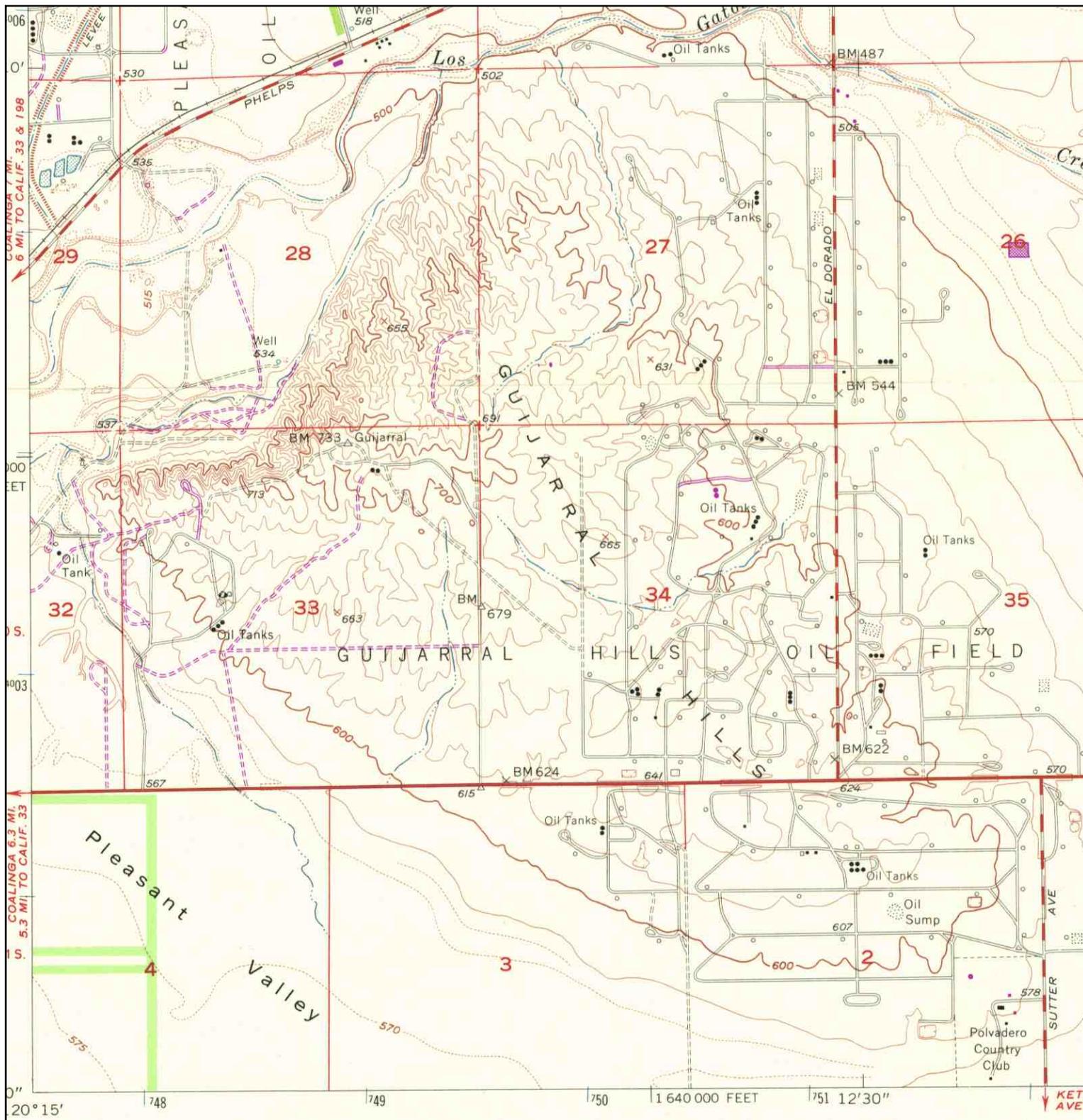
	<b>TARGET QUAD</b> NAME: GUIJARRAL HILLS MAP YEAR: 1956	<b>SITE NAME:</b> Bethel Energy 7 & 8 <b>ADDRESS:</b> West Jayne Avenue Coalinga, CA 93210 <b>LAT/LONG:</b> 36.1239 / 120.237	<b>CLIENT:</b> URS Corporation <b>CONTACT:</b> Lowell Woodbury <b>INQUIRY#:</b> 2222116.2 <b>RESEARCH DATE:</b> 05/16/2008
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Bethel Energy 7 & 8	CLIENT:	URS Corporation
	NAME: AVENAL	ADDRESS:	West Jayne Avenue	CONTACT:	Lowell Woodbury
	MAP YEAR: 1971		Coalinga, CA 93210	INQUIRY#:	2222116.2
	PHOTOREVISED FROM: 1954	LAT/LONG:	36.1239 / 120.237	RESEARCH DATE:	05/16/2008
	SERIES: 7.5				
	SCALE: 1:24000				

# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Bethel Energy 7 & 8	CLIENT:	URS Corporation	
	NAME:	GUJARRAL HILLS	ADDRESS:	West Jayne Avenue	CONTACT:	Lowell Woodbury
	MAP YEAR:	1971		Coalinga, CA 93210	INQUIRY#:	2222116.2
	PHOTOREVISED FROM:	1956	LAT/LONG:	36.1239 / 120.237	RESEARCH DATE:	05/16/2008
	SERIES:	7.5				
	SCALE:	1:24000				





**Bethel Energy 7 & 8**

West Jayne Avenue  
Coalinga, CA 93210

Inquiry Number: 2222116.1

May 19, 2008

# The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

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**Date EDR Searched Historical Sources:**

Aerial Photography May 19, 2008

**Target Property:**

West Jayne Avenue

Coalinga, CA 93210

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1957	Aerial Photograph. Scale: 1"=666'	Flight Year: 1957	Cartwright
1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Cartwright
1981	Aerial Photograph. Scale: 1"=690'	Flight Year: 1981	WSA
1994	Aerial Photograph. Scale: 1"=666'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=484'	Flight Year: 2005	EDR



**INQUIRY #:** 2222116.1

**YEAR:** 1957

 = 666'





**INQUIRY #:** 2222116.1

**YEAR:** 1965

| = 666'





**INQUIRY #:** 2222116.1

**YEAR:** 1981

| = 690'





**INQUIRY #:** 2222116.1

**YEAR:** 1994

 = 666'





**INQUIRY #:** 2222116.1

**YEAR:** 2002

 = 666'





**INQUIRY #:** 2222116.1

**YEAR:** 2005

| = 484'



# APPENDIX E

## California Department of Conservation, Division of Oil, Gas & Geothermal Resources Map 503

---



**Nuevo Energy Company, Opr.  
'R.E. Smith'**

Nuevo Energy Company, Opr.  
'Gatchell' 36-34

Nuevo Energy Company, Opr.  
'Gatchell' 47-34

Nuevo Energy Company, Opr.  
'Gatchell' 48-34

Temblor Petroleum Company LLC  
'Dessel' 321H-2

55-34  
65-34  
A75-34  
E76-34  
E86-34  
66-34  
A76-34  
77-34  
E87-34  
57-34  
58-34  
67-34  
78-34  
88-34  
68-34

Opr.

tor

Inc.

Chevron U.S.A. Inc.  
71

Chevron U.S.A. Inc.  
81

Chevron U.S.A. Inc.  
62

Chevron U.S.A. Inc.  
82

Chevron U.S.A. Inc.  
73

**Oryx Energy Company  
'Dessel'**

**03**

Chevron U.S.A. Inc.  
84

Oryx Energy Company  
'Sanger' 5-2-4

Oryx Energy Company  
'Sunray-McCulloch Sanger' 26-2

1-2  
21-2  
31-2  
41-2  
3A-2  
22-2  
24-2  
33-2  
44-2  
McFarland Energy, Inc.  
'Wentker Dessel' 32X  
Oryx Energy Company  
'Sanger' 35-2-2  
Polvad  
Chevron U.S.A. Inc.  
'Orr' 1

**OFFSITE CONSEQUENCE ANALYSIS**

**Calculation of Model Parameters**

19.1% aqueous ammonia

**Equation Used to Determine the Emission Rate of Ammonia:**

$$QR = \frac{0.284U^{0.78} MW^{2/3} A \times VP}{82.05T}$$

where: QR = emission rate of ammonia (pounds per minute)  
 U = wind speed (meters per second)  
 MW = molecular weight of ammonia (grams per gram-mole)  
 A = surface area of spilled liquid pool (square feet)  
 VP = vapor pressure of ammonia above solution (millimeters of mercury)  
 T = temperature of liquid (degrees Kelvin)

Worst-Case Scenario:	
stability =	F
U =	1.5 m/s
T =	117 F
MW =	17.03 grams/gram-mol
A =	14.45 ft <sup>2</sup>
VP =	190 mm Hg
T =	320.4 K
avg max temperature Coalinga 1971 - 2000 (WRCC)	
Drain Area	48 inches
Unloading drain Area	12 inches
Note: 2 40000 gallon tanks with a drain hole below each tank and a drain hole in the unloading area * area assumes 15% covered by grating	
Effective spill dimensions	
Area	1.342 m <sup>2</sup>
Effective Length	1.639 m
Effective Width	0.819 m
<b>Emission Rate</b>	
QR =	0.269 lbs ammonia / min 2.036 g ammonia / s

Alternative Scenario			
stability =	D		
U =	3	m/s	
T =	77	F	
MW =	17.03	grams/gram-mol	
A =	72.99	ft <sup>2</sup>	
VP =	148	mm Hg	
T =	298.2	K	
Pipe Diam	0.08	feet	1 inch
Pipe length	410.00	feet	
Volume of pipe	2.24	ft <sup>3</sup>	
Volume pumped in 1 min	1.30	gallons	= 623 lb/hr
<b>total volume spilled</b>	<b>2.41</b>	ft <sup>3</sup>	
ammonia spilled directly on ground, no containment			
length	410.00	feet	
thickness	0.03	feet	(= 1 cm)
spread	0.1780	feet	
Effective Length	2.604	m	
Effective Width	2.604	m	
QR =	1.956 lbs ammonia / min 14.784 g ammonia / s		

**Equation Used to Determine the Emission Rate Per Area:**

(parameter required for dispersion model)

$$E = \frac{QR}{A}$$

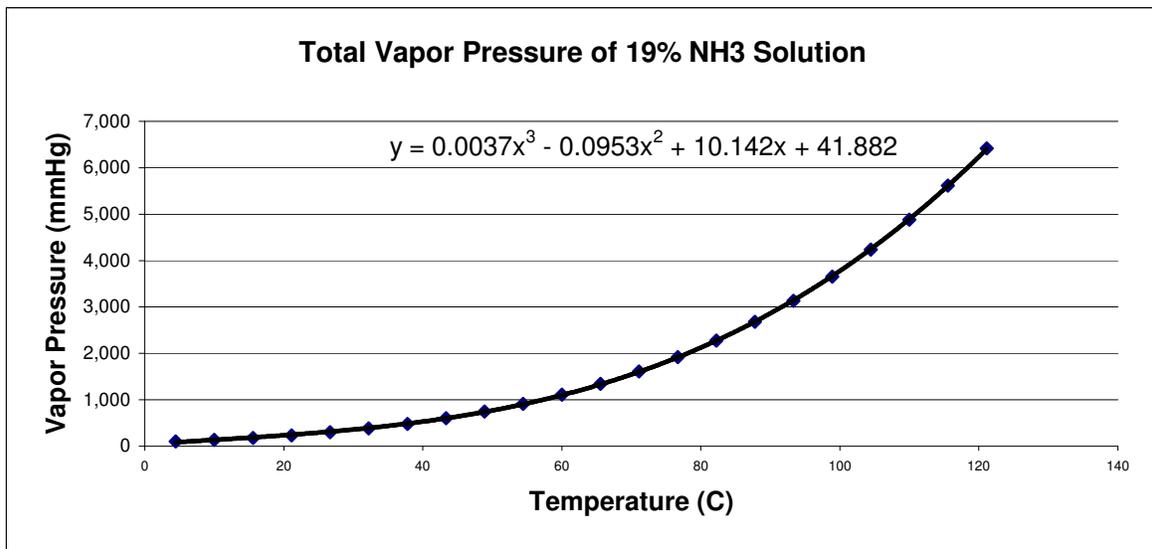
where: E = emission rate of ammonia (g / s\*m<sup>2</sup>)  
 QR = emission rate of ammonia (g/s)  
 A = surface area of spilled liquid pool (m<sup>2</sup>)

E = 1.517 g / s\*m<sup>2</sup>

E = 2.180 g / s\*m<sup>2</sup>

From Perry's Chemical Engineering Handbook (5th edition)  
 Table 3-24: Total Vapor Pressures of Aqueous Solutions of NH3  
 19.1% aqueous solution by wt

Temp deg F	VP (lb/in <sup>2</sup> )	Temp deg C	VP (mmHg)
40	2.01	4.44	103.95
50	2.67	10.00	138.08
60	3.51	15.56	181.52
70	4.56	21.11	235.82
80	5.85	26.67	302.53
90	7.43	32.22	384.24
100	9.34	37.78	483.02
110	11.64	43.33	601.96
120	14.42	48.89	745.73
130	17.67	54.44	913.80
140	21.49	60.00	1111.35
150	26	65.56	1344.59
160	31.16	71.11	1611.44
170	37.11	76.67	1919.14
180	44.02	82.22	2276.49
190	51.81	87.78	2679.35
200	60.62	93.33	3134.96
210	70.72	98.89	3657.28
220	81.91	104.44	4235.97
230	94.43	110.00	4883.44
240	108.6	115.56	5616.24
250	124.08	121.11	6416.79



For a 19.1% solution of aqueous ammonia, the Vapor pressure is estimated from the data above from Perry's

Scenario	Temp deg K	Temp deg F	Temp deg C	Estimated VP (mmHg)	10min avg VP (mmHg)	10min VP factor from RMP OCA Guideline vs Estimate
Worst-case	320.37	117	47.22	698	190	0.27224
Alternate	298.15	77	25.00	294	148	0.50395

Note the 10-min average vapour pressure (mmHg) from RMP OCA Guideline for 20% ammonia at 1.5m/s is 190 and 3m/s is 148 (Table B-3)

**Screen 3 Summary Table**

Levels of Concern	Threshold Limit	Threshold Limit (ug/m3)	Averaging Time (min)	Worst-case		Alternative	
				(meters)	(feet)	(meters)	(feet)
Lethal	2000	1.414E+06	30	14	46	13	43
IDLH	300	2.121E+05	30	42	138	40	131
CalARP	200	1.414E+05	60	53	174	50	164
CEC	75	5.304E+04	30	92	302	87	285

	Distance (meter)	ppm	ug/m3	ppm	ug/m3
to fence	666	2.5	1755	2.0	1442
to nearest residence	1300	0.9	608.1	0.7	476

11/04/08

14:14:59

\*\*\* SCREEN3 MODEL RUN \*\*\*  
\*\*\* VERSION DATED 96043 \*\*\*

sjs alt

SIMPLE TERRAIN INPUTS:

SOURCE TYPE = AREA  
EMISSION RATE (G/(S-M\*\*2)) = 2.18000  
SOURCE HEIGHT (M) = .0000  
LENGTH OF LARGER SIDE (M) = 2.6040  
LENGTH OF SMALLER SIDE (M) = 2.6040  
RECEPTOR HEIGHT (M) = .0000  
URBAN/RURAL OPTION = RURAL

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.  
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.

MODEL ESTIMATES DIRECTION TO MAX CONCENTRATION

BUOY. FLUX = .000 M\*\*4/S\*\*3; MOM. FLUX = .000 M\*\*4/S\*\*2.

\*\*\* STABILITY CLASS 4 ONLY \*\*\*  
\*\*\* ANEMOMETER HEIGHT WIND SPEED OF 3.00 M/S ONLY \*\*\*

\*\*\*\*\*  
\*\*\* SCREEN AUTOMATED DISTANCES \*\*\*  
\*\*\*\*\*

\*\*\* TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING  
DISTANCES \*\*\*

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	MAX DIR (DEG)
1.	.6975E+07	4	3.0	3.0	960.0	.00	45.
100.	.4093E+05	4	3.0	3.0	960.0	.00	24.
200.	.1183E+05	4	3.0	3.0	960.0	.00	13.
300.	5723.	4	3.0	3.0	960.0	.00	13.
400.	3479.	4	3.0	3.0	960.0	.00	13.
500.	2366.	4	3.0	3.0	960.0	.00	20.
600.	1727.	4	3.0	3.0	960.0	.00	36.
700.	1324.	4	3.0	3.0	960.0	.00	36.
800.	1051.	4	3.0	3.0	960.0	.00	36.
900.	858.2	4	3.0	3.0	960.0	.00	41.
1000.	715.7	4	3.0	3.0	960.0	.00	15.
1100.	617.1	4	3.0	3.0	960.0	.00	7.
1200.	539.0	4	3.0	3.0	960.0	.00	15.
1300.	476.0	4	3.0	3.0	960.0	.00	15.
1400.	424.2	4	3.0	3.0	960.0	.00	7.
1500.	381.1	4	3.0	3.0	960.0	.00	15.
1600.	344.8	4	3.0	3.0	960.0	.00	7.
1700.	313.8	4	3.0	3.0	960.0	.00	15.
1800.	287.2	4	3.0	3.0	960.0	.00	15.
1900.	264.1	4	3.0	3.0	960.0	.00	7.
2000.	243.9	4	3.0	3.0	960.0	.00	29.
2100.	226.1	4	3.0	3.0	960.0	.00	29.
2200.	210.4	4	3.0	3.0	960.0	.00	27.

2300.	196.4	4	3.0	3.0	960.0	.00	27.
2400.	183.9	4	3.0	3.0	960.0	.00	29.
2500.	172.6	4	3.0	3.0	960.0	.00	29.
2600.	162.4	4	3.0	3.0	960.0	.00	11.
2700.	153.2	4	3.0	3.0	960.0	.00	27.
2800.	144.8	4	3.0	3.0	960.0	.00	27.
2900.	137.2	4	3.0	3.0	960.0	.00	29.
3000.	130.2	4	3.0	3.0	960.0	.00	29.
3500.	103.2	4	3.0	3.0	960.0	.00	29.
4000.	84.39	4	3.0	3.0	960.0	.00	40.
4500.	70.69	4	3.0	3.0	960.0	.00	40.
5000.	60.34	4	3.0	3.0	960.0	.00	40.
5500.	52.29	4	3.0	3.0	960.0	.00	40.
6000.	45.88	4	3.0	3.0	960.0	.00	9.
6500.	40.69	4	3.0	3.0	960.0	.00	40.
7000.	36.41	4	3.0	3.0	960.0	.00	40.
7500.	32.83	4	3.0	3.0	960.0	.00	40.
8000.	29.81	4	3.0	3.0	960.0	.00	41.
8500.	27.22	4	3.0	3.0	960.0	.00	27.
9000.	24.99	4	3.0	3.0	960.0	.00	27.
9500.	23.05	4	3.0	3.0	960.0	.00	29.
10000.	21.36	4	3.0	3.0	960.0	.00	13.

MAXIMUM 1-HR CONCENTRATION AT OR BEYOND 1. M:  
 3. .9671E+07 4 3.0 3.0 960.0 .00 45.

\*\*\*\*\*  
 \*\*\* SCREEN DISCRETE DISTANCES \*\*\*  
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\*\*\* TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING  
 DISTANCES \*\*\*

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	MAX DIR (DEG)
666.	1442.	4	3.0	3.0	960.0	.00	36.
1300.	476.0	4	3.0	3.0	960.0	.00	15.
10.	.2049E+07	4	3.0	3.0	960.0	.00	45.
15.	.1104E+07	4	3.0	3.0	960.0	.00	43.
14.	.1232E+07	4	3.0	3.0	960.0	.00	45.
13.	.1383E+07	4	3.0	3.0	960.0	.00	45.
12.	.1564E+07	4	3.0	3.0	960.0	.00	43.
25.	.4731E+06	4	3.0	3.0	960.0	.00	45.
30.	.3455E+06	4	3.0	3.0	960.0	.00	41.
35.	.2641E+06	4	3.0	3.0	960.0	.00	32.
40.	.2089E+06	4	3.0	3.0	960.0	.00	27.
39.	.2184E+06	4	3.0	3.0	960.0	.00	28.
50.	.1408E+06	4	3.0	3.0	960.0	.00	27.
49.	.1459E+06	4	3.0	3.0	960.0	.00	36.
80.	.6102E+05	4	3.0	3.0	960.0	.00	7.
85.	.5475E+05	4	3.0	3.0	960.0	.00	7.
86.	.5361E+05	4	3.0	3.0	960.0	.00	7.
87.	.5251E+05	4	3.0	3.0	960.0	.00	7.

\*\*\*\*\*  
 \*\*\* SUMMARY OF SCREEN MODEL RESULTS \*\*\*  
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CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
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SIMPLE TERRAIN            .9671E+07            3.            0.

\*\*\*\*\*  
\*\* REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS \*\*  
\*\*\*\*\*

11/04/08

14:07:39

\*\*\* SCREEN3 MODEL RUN \*\*\*  
\*\*\* VERSION DATED 96043 \*\*\*

sjs worst

SIMPLE TERRAIN INPUTS:

SOURCE TYPE = AREA  
EMISSION RATE (G/(S-M\*\*2)) = 1.51700  
SOURCE HEIGHT (M) = .0000  
LENGTH OF LARGER SIDE (M) = 1.6390  
LENGTH OF SMALLER SIDE (M) = .8190  
RECEPTOR HEIGHT (M) = .0000  
URBAN/RURAL OPTION = RURAL

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.  
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.

MODEL ESTIMATES DIRECTION TO MAX CONCENTRATION

BUOY. FLUX = .000 M\*\*4/S\*\*3; MOM. FLUX = .000 M\*\*4/S\*\*2.

\*\*\* STABILITY CLASS 6 ONLY \*\*\*  
\*\*\* ANEMOMETER HEIGHT WIND SPEED OF 1.50 M/S ONLY \*\*\*

\*\*\*\*\*  
\*\*\* SCREEN AUTOMATED DISTANCES \*\*\*  
\*\*\*\*\*

\*\*\* TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING  
DISTANCES \*\*\*

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	MAX DIR (DEG)
1.	.9536E+07	6	1.5	1.5	10000.0	.00	21.
100.	.4556E+05	6	1.5	1.5	10000.0	.00	0.
200.	.1363E+05	6	1.5	1.5	10000.0	.00	0.
300.	6823.	6	1.5	1.5	10000.0	.00	0.
400.	4179.	6	1.5	1.5	10000.0	.00	0.
500.	2858.	6	1.5	1.5	10000.0	.00	0.
600.	2096.	6	1.5	1.5	10000.0	.00	0.
700.	1613.	6	1.5	1.5	10000.0	.00	0.
800.	1303.	6	1.5	1.5	10000.0	.00	0.
900.	1079.	6	1.5	1.5	10000.0	.00	0.
1000.	911.8	6	1.5	1.5	10000.0	.00	0.
1100.	786.9	6	1.5	1.5	10000.0	.00	0.
1200.	688.0	6	1.5	1.5	10000.0	.00	0.
1300.	608.1	6	1.5	1.5	10000.0	.00	0.
1400.	542.4	6	1.5	1.5	10000.0	.00	0.
1500.	487.6	6	1.5	1.5	10000.0	.00	0.
1600.	441.4	6	1.5	1.5	10000.0	.00	0.
1700.	402.1	6	1.5	1.5	10000.0	.00	0.
1800.	368.2	6	1.5	1.5	10000.0	.00	0.
1900.	338.8	6	1.5	1.5	10000.0	.00	0.
2000.	313.0	6	1.5	1.5	10000.0	.00	0.
2100.	291.6	6	1.5	1.5	10000.0	.00	0.
2200.	272.6	6	1.5	1.5	10000.0	.00	0.

2300.	255.5	6	1.5	1.5	10000.0	.00	0.
2400.	240.2	6	1.5	1.5	10000.0	.00	0.
2500.	226.4	6	1.5	1.5	10000.0	.00	0.
2600.	213.9	6	1.5	1.5	10000.0	.00	0.
2700.	202.5	6	1.5	1.5	10000.0	.00	0.
2800.	192.1	6	1.5	1.5	10000.0	.00	0.
2900.	182.6	6	1.5	1.5	10000.0	.00	0.
3000.	173.8	6	1.5	1.5	10000.0	.00	0.
3500.	140.8	6	1.5	1.5	10000.0	.00	0.
4000.	117.3	6	1.5	1.5	10000.0	.00	0.
4500.	99.91	6	1.5	1.5	10000.0	.00	0.
5000.	86.53	6	1.5	1.5	10000.0	.00	0.
5500.	75.99	6	1.5	1.5	10000.0	.00	0.
6000.	67.50	6	1.5	1.5	10000.0	.00	0.
6500.	60.53	6	1.5	1.5	10000.0	.00	0.
7000.	54.72	6	1.5	1.5	10000.0	.00	0.
7500.	49.99	6	1.5	1.5	10000.0	.00	0.
8000.	45.93	6	1.5	1.5	10000.0	.00	0.
8500.	42.41	6	1.5	1.5	10000.0	.00	0.
9000.	39.36	6	1.5	1.5	10000.0	.00	0.
9500.	36.67	6	1.5	1.5	10000.0	.00	0.
10000.	34.30	6	1.5	1.5	10000.0	.00	0.

MAXIMUM 1-HR CONCENTRATION AT OR BEYOND 1. M:  
 2. .1519E+08 6 1.5 1.5 10000.0 .00 21.

\*\*\*\*\*  
 \*\*\* SCREEN DISCRETE DISTANCES \*\*\*  
 \*\*\*\*\*

\*\*\* TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING  
 DISTANCES \*\*\*

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	MAX DIR (DEG)
666.	1755.	6	1.5	1.5	10000.0	.00	0.
1300.	608.1	6	1.5	1.5	10000.0	.00	0.
20.	.7348E+06	6	1.5	1.5	10000.0	.00	0.
15.	.1190E+07	6	1.5	1.5	10000.0	.00	0.
14.	.1332E+07	6	1.5	1.5	10000.0	.00	0.
13.	.1503E+07	6	1.5	1.5	10000.0	.00	0.
30.	.3678E+06	6	1.5	1.5	10000.0	.00	0.
32.	.3291E+06	6	1.5	1.5	10000.0	.00	0.
35.	.2818E+06	6	1.5	1.5	10000.0	.00	0.
37.	.2560E+06	6	1.5	1.5	10000.0	.00	0.
39.	.2337E+06	6	1.5	1.5	10000.0	.00	0.
40.	.2237E+06	6	1.5	1.5	10000.0	.00	0.
41.	.2144E+06	6	1.5	1.5	10000.0	.00	0.
42.	.2057E+06	6	1.5	1.5	10000.0	.00	0.
50.	.1521E+06	6	1.5	1.5	10000.0	.00	0.
51.	.1470E+06	6	1.5	1.5	10000.0	.00	0.
52.	.1421E+06	6	1.5	1.5	10000.0	.00	0.
53.	.1374E+06	6	1.5	1.5	10000.0	.00	0.
100.	.4556E+05	6	1.5	1.5	10000.0	.00	0.
90.	.5470E+05	6	1.5	1.5	10000.0	.00	0.
91.	.5366E+05	6	1.5	1.5	10000.0	.00	0.
92.	.5265E+05	6	1.5	1.5	10000.0	.00	0.

\*\*\*\*\*  
 \*\*\* SUMMARY OF SCREEN MODEL RESULTS \*\*\*

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CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
SIMPLE TERRAIN	.1519E+08	2.	0.

\*\*\*\*\*  
\*\* REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS \*\*  
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