

APPENDIX 5.14A

Final Phase I ESA

Phase I Environmental Site Assessment



For The
NCPA Lodi Energy Center Project
San Joaquin County, California

Project No. 6300-01-08
June 2008

Prepared for:
Northern California Power Agency
477 Bret Harte Drive
Murphys, California 95247



June 30, 2008

CARLTON
Engineering Inc.

Ed Warner
Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

Subject: **Phase I Environmental Site Assessment**
Lodi Energy Center Property
San Joaquin County Assessor's Parcel No. 055-130-16
12745 N Thornton Road
Lodi, San Joaquin County, California
Carlton Project 6300-01-08

Dear Mr. Warner,

Carlton Engineering, Inc. (Carlton) is pleased to submit the above-referenced report for your use. The purpose of this assessment is to evaluate the potential for or the existence of *recognized environmental conditions* on or beneath the assessed property as a result of current or past land use. The scope of the Environmental Site Assessment (ESA) was based on that described on Carlton's Exhibit A under Environmental Services, attached to the May 2008 Consulting Services Agreement Between The Northern California Power Agency (NCPA) and Carlton Engineering, Inc.

Carlton's ESA study included the following work:

1. An examination of records pertaining to the properties (Site) and the vicinity;
2. A review of historic aerial photographs;
3. An environmental database search;
4. Interviews with owners, regulatory and public agencies, and other knowledgeable individuals;
and
5. A reconnaissance of the Site and its vicinity.

The ESA was performed under the responsible charge of Mr. Robert Kull, P.E. at Carlton. Mr. Kull conducted a site reconnaissance visit on May 28, 2008. Subsurface drilling for a Geotechnical Feasibility Study were also conducted by Carlton on June 2, 2008. The results of the Geotechnical Feasibility Study are presented under separate cover and the salient facts are incorporated herein.

This report is prepared to provide innocent landowner documentation for the subject property in accordance with the liability provisions of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), its 1986 amendments as contained in the Superfund Amendments and Reauthorization Act (SARA), and as updated in the amendments of the 2002 Small Business Liability Relief and Brownfields Revitalization Act. To qualify for innocent landowner status, the landowner must show that at the time of purchase he had undertaken "all appropriate inquiry" into the previous ownership and uses of the property consistent with good commercial or customary practice and with the Federal EPA Final Rule regarding Standards and Practices for All Appropriate Inquiries (AAI). To achieve this objective, Carlton has performed this study by the methods described in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. It is Carlton's opinion that this report meets the intent of the law and satisfies the requirements of standard

practice. We recommend that this report be filed along with the deed to the property or other legal ownership records in the event questions arise regarding the potential for environmental contamination on or beneath the Site.

We declare that, to the best of our professional knowledge and belief, we meet the definition of “*Environmental Professional*” as defined in §312.10 of 40 CFR 312, and we have the specific qualifications based on education, training, and experience to assess a “*property*” of the nature, history, and setting of the subject “*property*”. We have developed and performed the “*all appropriate inquiries*” in conformance with the standards and practices set forth in 40 CFR Part 312.

We appreciate the opportunity to conduct this assessment for the NCPA and look forward to serving you again in the near future. Should you have any questions or need any additional information, please contact us at (530) 677-5515.

Sincerely Yours,
CARLTON ENGINEERING, INC.

Michael Vander Dussen, P.G., C.E.G.
Senior Project Engineering Geologist

Robert Kull, P.E.
Environmental Department Manager

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1.0 SUMMARY

At the time of the environmental assessment conducted by Carlton Engineering, Inc. (Carlton), the Northern California Power Agency Project property (the Site) was partially developed with paved surfaces, gas compressor and cooling towers, and the remainder of the Site was undeveloped. The Site is located west of the Interstate Highway 5 and the City of Lodi's White Slough Water Pollution Control Facility within the City limits of Lodi, in San Joaquin County, California.

Through record review, interviews with persons knowledgeable of the Site area, and historical aerial photograph observation, Carlton found that the Site was structurally undeveloped prior to the early 1990s and used for agricultural purposes before that time.

Construction materials supporting the adjoining Water Pollution Control Facility's improvement projects have stored on the Site. Two automotive batteries were also observed amongst the construction materials on the Site. Gray silty material with waste materials characteristic of waste-water-pond sludge were observed in the northern portion of the Site property. The presence of these materials and other observed conditions on the Site is considered to fall within the category of "*de minimis conditions*". *De minimis conditions* are defined in ASTM E 1527-05 as "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".

Carlton considers the likelihood of hazardous materials or petroleum products impacts to the soil or groundwater at the Site from onsite and offsite sources to be low. However, some possibility of impacted soil and groundwater existing in areas not chemically analyzed must be recognized.

After review of reasonably ascertainable data, analysis of field observations, review of environmental records, and interviews with persons knowledgeable about the Site, Carlton found no evidence of existing or past *recognized environmental conditions* at the Site.

Carlton has concluded that the likelihood of contamination at this Site is low; however several conditions regarding the potential for environmental concern at the Site were noted and are summarized here with recommendations for the Client's consideration.

- Two automotive batteries were observed in the northern area of the Site and the batteries should be removed to an approved disposal or recycling facility. The drums of curing compound, and buckets of lubricating compound, along with the other construction materials should be removed from the Site.
- Scattered surface deposits and push piles of gray silty material with waste materials characteristic of waste-water-pond sludge were observed in the northern portion of the Site property (likely remaining from the temporary stockpiling of sediment in the 1980s and 1990s). Typically, these types of materials have the potential to contain concentrations of heavy metals that could cause them to be classified as designated or hazardous wastes. We recommend consideration be given to conducting laboratory analysis of samples of the materials to assess if the silt contains elevated levels of any metals of potential concern (thereby causing the presence of the silt/sludge to be considered a *recognized environmental condition*), and if any special handling, disposal or placement requirements would apply to the materials during project development. Alternatively, the materials could be removed from the Site to an appropriate disposal facility, and confirmation samples of the underlying material could be collected and analyzed to verify adequate removal has taken place.
- Considering that suspect oil staining was observed on the ground surface near the graveled drive path through the Site, we recommend that the extent of the affected area be observed during project development, by an environmental professional to determine if extensive oil staining is

suspected and if soil sampling and analysis is warranted to assess whether remediation may be required or not.

- Carlton understands that the Client has no intent to use the shallow/perched zone groundwater at the Site for domestic/drinking water purposes. Considering the recent analysis results of groundwater samples from the onsite monitoring well WSM-2, it is recommended that if the shallow or deeper aquifer groundwater resources of the Site are to be utilized in the future, then groundwater quality analysis and evaluation is recommended prior to use of the groundwater.

2.0 INTRODUCTION

This report summarizes the Phase I Environmental Site Assessment (ESA) performed by Carlton for the Lodi Energy Center property identified in this report as the “Site”. The Site is located west of Interstate Highway 5 and immediately west of the City of Lodi’s White Slough Water Pollution Control Facility (WPCF), within the City limits of Lodi, in San Joaquin County, California.

The Northern California Power Agency (NCPA) retained Carlton to perform the Phase I ESA for the Site based on the ASTM Standard E 1527-05 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.” This Phase I ESA was completed in accordance with the scope of work approved by NCPA in their May 2008 Consulting Services Agreement with Carlton.

2.1 PURPOSE

The objective of this ESA was to evaluate if there are or have been any *recognized environmental conditions* associated with the Site. The term “recognized environmental conditions” is defined in Section 1.1.1 of ASTM Practice E 1527-05 as “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, 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 is not intended to include conditions where there are not material risks of harm to the public health or the environment and that generally would not be subject to enforcement if identified by the applicable regulatory agencies.

Under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), owners and operators of real estate where hazardous substances have come to be located may be held strictly liable for the costs of cleaning up contamination found on their property. No evidence linking the owner/operator with the placement of the hazardous substances on the property is required. Congress, in response to pressure from business and academic groups, established the innocent landowner defense in the 1986 amendments to CERCLA known as the Superfund Amendments and Reauthorization Act (SARA), which was further updated in the amendments of the 2002 Small Business Liability Relief and Brownfields Revitalization Act. To establish innocent landowner status, the landowner must have undertaken, at the time of acquisition, all appropriate inquiry into the previous ownership and uses of the property in a commercially prudent and reasonable manner. This document strives to meet the above requirements by using the ASTM E 1527-05 standard as guidance in conducting this “due diligence” assessment.

2.1.1 Scope of Work

The scope of work for this assessment, according to Carlton’s Authorization, is to provide information regarding the Site history, former uses, and contamination incidents and/or potential for incidents, if any, on the Site and in the surrounding area. Carlton’s assessment of this Site included (1) examination of records pertaining to the Site and its vicinity; (2) review of historic aerial photographs and maps; (3) an environmental database search; (4) interviews with persons familiar with the Site; and (5) a reconnaissance of the Site and its vicinity.

Information regarding the potential for hazardous materials contamination on or near the subject property was obtained from the following agencies.

- U.S. Environmental Protection Agency lists including NPL, CERCLIS, RCRA notifiers or violators, ERNS, and enforcement record lists
- California State Environmental Protection Agency (Cal EPA) including Department of Toxic Substances Control, State Water Resources Control Board, Integrated Waste Management Board, and Air Resources Board
- California Department of Health Services

- California Department of Conservation
- California Office of Emergency Services
- San Joaquin County Environmental Health Department
- San Joaquin County Agricultural Commission

2.1.2 Significant Assumptions

According to information provided by the Client, the property is intended to be used for construction and operation of power generation facilities.

2.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

2.2.1 Special Terms and Conditions

No limiting factors were identified at the Site at the time of the site visit that prevented a thorough observation of the ground surface of the property except where vegetation, gravel, structures, stored building materials asphaltic concrete or Portland cement concrete slabs covered the soil surface. The property was inspected by a walk-through of the accessible areas to characterize the ground conditions at the Site.

2.2.2 User Reliance

This report has been prepared by Carlton under the professional supervision of the Senior Partner(s) and senior staff whose seal(s) and signature(s) appear herein. The findings, interpretations of data, recommendations, specifications or professional opinions are presented within the limits prescribed by available information at the time the report was prepared, in accordance with generally accepted professional engineering and geologic practice and within the requirements of the Client. There is no warranty, either expressed or implied.

The findings of this report are based on the readily ascertainable data and information obtained from public and private sources. As of the present date, the findings of this report are valid only for the project scope studied. With the passage of time, changes in the conditions of a property can occur whether they are due to natural processes or to the works of man on this or adjacent properties. This report should be updated in accordance with applicable standards (ASTM E 1527-05, Sections 4.6 and 4.7) if it is intended for property transaction use more than 180 days after interviews, lien searches, government record reviews or site inspections have been made, or if any changes have affected the Site. Legislation or the broadening of knowledge may result in changes in applicable standards. Additional studies (at greater cost) may or may not disclose information that may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions that may be made by the Client or others regarding the subject site/project.

This report was prepared solely for the benefit of Carlton's Client. No other entity or person shall use or rely upon this report or any of Carlton's work products unless expressly authorized in writing by Carlton. Any use of or reliance upon Carlton's work product by any party, other than the Client, shall be solely at the risk of such party.

3.0 SITE DESCRIPTION

The following sections describe the Site location and summarize the physiographic, geologic, and hydrogeologic setting. Descriptions of the vicinity characteristics and past and present land uses of the Site are also included in this section.

3.1 LOCATION

The Site consists of one parcel totaling approximately 2.6 acres that is located west of Interstate Highway 5, approximately 1.5 miles south of its intersection with State Highway 12. The subject property is described as a portion of San Joaquin County Assessor's Parcel Number 055-130-16, and a part of the property addressed as 12751 North Thornton Road, Lodi, California. The area of the Site is mapped on the Terminus Topographic Quadrangle, California, United States Geological Survey 7.5-minute series topographic map and lies in Section 24, Township 3 North, Range 5 East, Mount Diablo Base and Meridian (Figure 1).

3.2 ENVIRONMENTAL SETTING

3.2.1 Regional Physiographic Conditions

The property is situated in the northern portion of the San Joaquin Valley (Great Valley Geomorphic Province of California) at an elevation of approximately 5 feet above mean sea level. The general topography of the Site is characterized as being level, with berms, drainage channels and lagoons associated with the WPCF bordering the site on the north and east and a vector control facility on the south. The level site occupied by the NCPA Combustion Turbine Project #2 borders the Site on the west. The Site and area landforms are a product of grading and alterations to the landscape resulting from Site development associated with the adjacent WPCF and the NCPA Turbine. The Site lies approximately 1.5 miles east of the intersection/confluence of the Bishop Cut and White Slough. Annual precipitation is approximately 12 inches.

3.2.2 Soil/Groundwater Conditions

The USDA Natural Resource Conservation Service, Soil Survey (SCS) has mapped the region and identifies the soils in the vicinity of the Site as belonging primarily to the:

- Dello loamy sand, drained, 0 to 2% slopes

The Dello unit soils are generally described as "very deep, very poorly drained, nearly level soil on flood plains." The typical profile is a surface layer of light yellowish brown loamy sand to about seven inches below the surface, with an underlying pale brown and light gray mottled sand to the described depth of 60 inches below the surface. It is likely the natural soil profile has been disturbed by the development/structural improvements observed at and adjacent to the Site.

Groundwater flow is considered to be governed by topography, subsurface geologic conditions (rock units/aquifers), and geologic contacts. Aquifer conditions underlying the Site are characterized as a sedimentary basin system with aquifer zones controlled by sediment grain size and porosity. Groundwater monitoring information at that site (see section 5.3 of this report for well information) indicates the gradient direction is toward the east-southeast and static groundwater level in February 2008 was reported at about 9 feet below the ground surface in monitoring well WSM-2 located near the southeast corner of the Site.

3.2.3 Geologic Conditions

The California Division of Mines and Geology *Geologic Map of the Sacramento Quadrangle, California, 1:250,000* identifies the underlying sedimentary unit in the area of the project as being the Modesto Formation alluvium - Qm₁ (upper member). The sedimentary material is described as "arkosic alluvium."

3.3 SITE AND VICINITY CHARACTERISTICS

The Site is bordered by the City of Lodi's WPCF storage ponds on the north, the WPCF on the east, a road and San Joaquin County's Vector Control fish-rearing ponds on the south, and the NCPA turbine facility and switching yard on the west. Properties beyond the adjoining uses are developed with agricultural fields, and Interstate Highway 5 adjoins the WPCF on east. The Site is bordered by chain-link fence on the east and west, by a berm on the north and a drainage ditch on the south.

3.4 CURRENT USES OF THE PROPERTY

The southwestern portion of the property is currently paved and developed with a power plant support structure in the central southern area. The remainder of the Site is un-paved and is used as a lay-down area for construction materials associated with construction of improvements at the WPCF.

3.5 PAST USES OF THE PROPERTY

Through record review, interviews with persons knowledgeable of the Site area, and historical aerial photograph observation, Carlton found that the Site property was used for agricultural purposes (row crops, pasture land) or open ground prior to its current uses. The property was used in the late 1980s for stockpiling bio-solids/sludge removed from the WPCF ponds during a lining project at that time. The bio-solids were removed from the Site following completion of the improvement project. The Site was used again for stockpiling pond sediment in about 2003 during maintenance of the ponds north of the Site used for industrial food-processing waste water. The stockpiled materials were again removed from the site following the pond-cleaning.

3.6 LANDUSE OF ADJOINING PROPERTIES

Figure 2 of this report indicates current surrounding land use as well as Site features. Industrial power production and waste water treatment facilities border the Site on the west, north and east. Vector Control fish-rearing ponds border the Site on the south. Historical land use of the adjoining properties on the east and north appears to have been similar to the current uses since the 1970s. Historical use of the land on the south and west has been similar to the current uses since the mid 1990s, and was agricultural prior to construction of the WPCF and the power plant.

4.0 USER PROVIDED INFORMATION

4.1 TITLE RECORDS

Review of select title records provided by the Client for the Site property was conducted for this assessment. The preliminary title report prepared on April 29, 2008 was reviewed and a copy is provided in this report's Appendix.

4.2 ENVIRONMENTAL LIENS, ACTIVITY AND USE LIMITATIONS

No environmental liens were encountered in the documents reviewed, or were reported in interview and questionnaire information supplied during this assessment. No land-use restrictions regarding hazardous materials or petroleum products were observed in the documents reviewed or reported in the interviews. Additionally, an Environmental Lien Search was conducted for Carlton through EDR by netr real Estate Research & Information, and no environmental liens, or activity or use limitations were reported by EDR. Easements for public utilities exist on the property.

4.3 SPECIALIZED KNOWLEDGE

The property purchaser/Client did not report specialized knowledge of existing recognized *environmental conditions* on the Site.

4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The Client has communicated they have no information suggesting commonly known or reasonably ascertainable information regarding hazardous materials or petroleum product impacts to the property.

4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Client reports that no property valuation reduction due to environmental issues is known.

4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The property owner's representative (knowledgeable of the Site's history and use) communicated no knowledge of information indicating the presence of hazardous materials or petroleum product impacts to the property.

4.7 REASON FOR PERFORMING A PHASE I ENVIRONMENTAL SITE ASSESSMENT

This assessment is being conducted to identify any existing or past *recognized environmental conditions* on or adjoining the Site property pursuant to the Client's request.

4.8 PREVIOUS PHASE I ESA

The Client and the property owner's representative have indicated no knowledge of a previous Phase I Environmental Site Assessment report completed for the Site property.

5.0 RECORDS REVIEW

Carlton reviewed publicly available and owner provided documents relevant to the Site's use history and potential for on-site contamination hazards. The publicly available documents reviewed are subject to the limitations described in ASTM 1527-05, Standard Practice for Phase I Environmental Site Assessments; that is, documents must be *reasonably ascertainable* (*publicly available*, obtainable from its source within reasonable time and cost constraints, and *practically reviewable*).

5.1 AERIAL PHOTOGRAPHS

Aerial photographs were reviewed to identify historical uses of the Site. Photographs taken in 1957, 1963, 1970s, 1984, 1993, 1998, 2002, and 2005 were reviewed by Carlton for this assessment. The Site was located on the photos, viewed under magnification, and the photos were retained in file records. Copies of the photos are included in the Appendix of this report.

In the 1957 and 1963 photographs, no structures could be identified in the Site area, and the ground appeared to be developed with agricultural crops. Drainage ditches and access roads are visible on the photograph. The surrounding properties are observed to be in a similar condition to the Site property.

The 1970s photograph indicates conditions on the Site to be similar to those observed in the earlier photographs. The WPCF can be observed on the land adjacent to the Site on the east, and the ponds are observed on the ground to the north of the Site.

Observations of the 1984 and 1993 photos indicate conditions at the Site similar to those observed on the 1970s photo.

The Site conditions observed on the 1998, 2002 and 2005 photos appear similar to each other and indicate the NCPA Combustion Turbine Project #2 and the San Joaquin County Vector Control fish-rearing ponds had been constructed between 1993 and 1998. The Site property appeared on the photos to be in a similar condition to that observed during Carlton's Site visit.

No evidence of storage of petroleum products was visible on any of the photographs reviewed for this assessment.

5.2 ENVIRONMENTAL DATABASE RESEARCH

As one of the methods for researching the environmental history of a subject property, the ASTM E 1527-05 standard lists environmental databases to be reviewed for identification of possible proximate sites of environmental concern within specified approximate minimum search distances from the subject property.

5.2.1 Environmental Data Resources, Inc. EDR-Radius Map

In order to satisfy due diligence requirements, Carlton utilized the services of Environmental Data Resources, Inc. (EDR), located in Milford, Connecticut, to supplement our review of regulatory databases and records. The EDR-Radius Map report is included in the Appendix of this report and summarizes a search of available environmental records including those specified in the ASTM E 1527-05 standard using, at a minimum, the search distances surrounding the Site as recommended in the standard. The database search results typically summarize records of sites and property conditions ranging from medical offices using radiology and chemical materials, to underground storage tank sites and related soil or groundwater contamination sites, to Federal Superfund cleanup sites. The sites are denoted on EDR's figures by number and approximate location relative to the target property (Site); the numbered sites are then keyed to the specific site information in the report.

No listings are found in the EDR report for sites within the ASTM approximate search distances from the Site for the following databases:

- Federal NPL, Proposed NPL, and Delisted NPL
- Federal CERCLIS
- Federal CORRACTS
- Federal RCRA
- Federal ERNS
- California CHMIRS
- California CORTESE
- California LUST
- California NOTIFY 65
- California AWP (BEP)
- California Cal-Sites
- California SLIC
- California SWF/LF
- California Toxic Pits
- California WMUDS/SWAT
- California UST
- California AST
- California HAZNET
- CA WDS

The EDR Report listed no sites that lie within the ASTM approximate search distances from the Site for the searched databases with the exception of the adjacent NCPA facility (the facility's address was used as the Site locator, and the EDR report lists the existing power plant as the target property). The adjacent site was found to be listed on two databases; the ICIS and FINDS databases. No incidents or processes were identified in the database reports indicating hazardous materials or petroleum product impacts to the Site soil or groundwater.

The agency lists searched by EDR are included on the Map Findings Summary on pages 4 and 5 of the Radius Map report. An explanation of government records abbreviations is found beginning on page GR-1 of the EDR Radius Map report, included in the Appendix of this report.

5.2.2 Oil and Gas Wells

EDR searched records from the California Department of Conservation Division of Oil and Gas for oil and gas well locations in the area. EDR found four entries indicating the existence of oil/gas wells or exploration wells (or other categories of wells) within approximately one mile of the Site. The closest well to the Site is reported as an injection well operated by the NCPA.

5.2.3 Radon Information

EDR reports that the Site is located in Federal EPA Radon Zone 3. Federal database information indicates that 20 sites have been tested for radon in the San Joaquin County area. Average activity for 2nd floor areas is not reported; average activity for 1st floor areas is reported as 2.530 pCi/L, and average activity for basement areas is reported as 2.050 pCi/L. State database information indicates 7 sites have been tested for radon in the San Joaquin County area, and 3 of the sites had test results greater than 4 pCi/L. Radon Levels above 4 pCi/L indicate testing should be considered for basement space design considerations.

5.2.4 FEMA Flood Information

EDR also reports flood zone information obtained from the Federal Emergency Management Agency (FEMA), if found. According to the data provided in the EDR report, the Site lies within a FEMA designated 100-year flood-zone. However, a civil engineer should confirm the flood zone designation.

5.2.5 Sanborn Fire Insurance Maps

EDR's search of available Sanborn maps revealed no Sanborn Fire Insurance Map coverage for the Site and nearby vicinity.

5.2.6 Orphan Summary

Review of EDR's list of poorly located sites in the searched databases (Orphan Summary) revealed one additional agency listed site in the immediate Site area or within ASTM recommended approximate minimum search radii. The listed site is the adjacent WPCF which is included in the HAZNET database. The listing indicates the facility manifests hazardous wastes shipped from the site. No indications were observed during the Site visit, or reports received during interviews, or records reviewed that indicated the handling of the listed wastes has affected the soil or groundwater on the Site.

5.3 AGENCY AND OTHER DOCUMENT REVIEW

Telephone interviews were conducted with the Client's representative, a representative of the property owner, and a representative of the San Joaquin County Agricultural Commissioner regarding the Site (see Section 7.0 of this report). No reports of hazardous materials incidents at the Site were received from the representatives based on their knowledge of the Site.

Following observation of a monitoring well near the southern boundary of the Site, Carlton conducted research in the California Regional Water Quality Control Board's internet web site records and found the latest Waste Discharge Requirements and Master Reclamation Permit (WDRs) issued by the Regional Board for the WPCF. The WDRs include requirements for groundwater monitoring on and adjacent to the facility. Carlton requested information from the WPCF representatives regarding results of groundwater analysis conducted according to the WDRs. Representatives of the WPCF forwarded a copy of the February 2008 groundwater monitoring analysis results for the facility for review. Review of the data sheets indicates that 16 wells have been constructed on and in the general vicinity of the WPCF, and one of the monitoring wells is located near the southeastern corner of the Site property. The physical presence of the well should be taken into consideration when planning improvements and structure locations for the Site project.

5.4 HISTORICAL USE INFORMATION

As described in Section 3.5 of this report, Carlton found that the property was used for agricultural purposes (row crops, pasture land) or open ground prior to its current uses. Following construction of the WPCF in the 1960s, the property was used for temporary stockpiling bio-solids/sludge removed from the WPCF ponds during a lining project in about 1989, and for temporary stockpiling of pond sediment in about 2003 during maintenance of the ponds north of the Site used for industrial food-processing waste water. The stockpiled materials were removed from the site following the improvements/maintenance.

5.4.1 Historical Map Review

A review of historical Topographic Quadrangle maps from 1910 (7.5' series, 1:31680), 1947 (15' series, 1:50000), 1952 (7.5' series, 1:24000), 1968 photorevised 1952 map (7.5' series, 1:24000), 1978 (7.5' series, 1:24000) and 1993 (7.5' series, 1:24000) was conducted for the Site. No structures or development are indicated on the maps up to the 1968 photorevised map where structures in the easternmost area of the WPCF are shown. More development including the wastewater ponds northwest of the treatment facility structures is indicated on the 1978 and 1993 maps. The NCPA power plant is not indicated on the most recent (1993) map. Copies of the maps are included in the Appendix of this report.

6.0 RECONNAISSANCE OBSERVATIONS

Rob Kull, P.E., Environmental Department Manager with Carlton, conducted a site reconnaissance visit on May 28, 2008. Approximate boundaries of the Site were determined from site maps and aerial photographs supplied by the Client. Those boundaries are shown on Figure 2. Eight photographs of the Site taken during the visit showing features and conditions observed on and immediately adjacent to the Site are included in Figures 3 and 4. No stressed vegetation, stained soil (other than the staining observed along the central drive path described in the following paragraph), or visual evidence of contamination was observed during the Site visit. Descriptions of the Site observations are presented in the following paragraphs and locations of the described features are indicated on the Site Map, Figure 2.

The topography of the Site is characterized as nearly level. A drainage channel enters the property from the east approximately 200 feet north of the southeastern corner. A drainage culvert is located under the power plant's access road about 100 feet west of the eastern property boundary, and provides a drainage outlet for the Site. Drainage system drop inlets are located in the paved portion of the southwestern Site area.

The ground surface of the Site was observed to be covered with grasses, gravel covered drive paths, and asphaltic concrete. The southwestern portion of the Site was observed to be paved with asphaltic concrete, with power plant support facilities (gas compressor) located on the paved area. A paved access road to the power plant is located in the southern portion of the Site. The monitoring well described in Section 5.3 of this report is located near the southeastern corner of the Site property. A paved area along the western boundary of the Site houses additional power plant support facilities (cooling towers). The eastern portion of Site is currently used by the WPCF as a lay-down area for equipment and materials used during the facility improvement project underway at the WPCF. Deposits of gray silty material with sewage-related trash (razor blades, etc.) suspected to remain from the previously described bio-solids and treatment pond deposits stockpiling, was observed in the northern portion of the Site. One oil-stained area of surface soil was observed along the graveled drive path through the central portion of the Site.

WPCF construction (and related) materials noted in the central/eastern portion of the Site included:

- Two automotive batteries
- Plastic buckets of under water rubber lubricating compound on a wooden palate
- Concrete, plastic and metal pipe and pipe fittings
- Lumber
- Wooden palates
- Iron and steel bar and rods
- Two 55 gallon drums of concrete curing compound
- Chain-link fencing panels
- Plastic clarifier covers
- Storage container/shed with hardware, plastic pipe fittings and other construction materials

Locations of the features and conditions summarized here are noted on the Site Map, Figure 2.

Evidence of leaks, spills, or improper handling or storage of hazardous materials or petroleum products on the Site or on properties in the vicinity of the Site was not observed at the time of Carlton's site visit with the exception of the automotive batteries stored on the Site property, and the oil-stained soil along the drive path. There were no observable indications of previous or existing *recognized environmental conditions* on the Site.

7.0 INTERVIEWS

As part of this assessment, interviews were conducted with a representative of the property buyer and a representative of the property owner. The information gathered from the interviewed individuals is summarized in the following sections.

An environmental questionnaire was sent to a representative of the property buyer (ESA user) and a representative of the property owner (occupant). The questionnaires were completed and returned to Carlton. Copies of the completed questionnaires are included in the Appendix of this report.

7.1 INDIVIDUAL INTERVIEWS

Joe Bittner, Operations and Maintenance Manager, NCPA Combustion Turbine 2 (buyer's representative)

On June 10, 2008, Carlton conducted an interview by telephone with Mr. Bittner. He supplied general Site history and information regarding specific conditions and past practices. Mr. Bittner also provided contact information for the City of Lodi's WPCF site superintendent.

Del Kerlin, City of Lodi's White Slough WPCF Site Superintendent (owner's representative)

On June 12, 2008, Carlton conducted an interview by telephone with Mr. Kerlin. He indicated that he has worked at the WPCF since 1987, and supplied general Site history and information regarding specific Site conditions and past practices. He described the current use of the Site for construction lay-down, and the past agricultural uses. Mr. Kerlin also reported that the Site had been used twice since 1988 for temporary stockpiling of sediment materials from the facility's waste water ponds. He also provided a copy of the February 2008 monitoring/water analysis results for the facility that included information from the monitoring well located at the southeastern corner of the Site (WSM-2, attached to this report). Mr. Kerlin also completed Carlton's environmental questionnaire. The "yes" answers on the questionnaire (questions 9 and 26) referred to facilities and discharges associated with the waste water treatment processes on the adjoining WPCF site; no pits, ponds or lagoons have been reported on the Site property and waste water is not discharged on the Site property other than stormwater.

7.2 INTERVIEWS WITH LOCAL GOVERNMENT AGENCY REPRESENTATIVES

San Joaquin County Agricultural Commission

On June 17, 2008, Carlton conducted a telephone interview with a representative of the Agricultural Commission and asked if the county maintained records of pesticide application to properties prior to 1970. We were informed the County only maintains records of pesticide use for five years.

8.0 FINDINGS

8.1 DISCUSSION

Carlton's assessments, Site reconnaissance, agency review, and aerial photography review indicate the following.

- No grading has been reported to have occurred on the Site.
- Past Site use has included limited structural development related to the existing power plant on the west, and farming or livestock grazing.
- No groundwater production wells were observed or reported to exist on the Site.
- One groundwater monitoring well was observed on the Site (part of the monitoring network for the adjoining WPCF).
- Construction materials related to an improvement project at the adjoining WPCF are stored on the Site.
- Two automotive batteries were observed in the construction materials storage area, and the batteries should be removed to an approved disposal or recycling facility.
- No visible evidence of materials that would present an environmental impairment of the Site, such as soil staining and stressed vegetation, was observed during the Site reconnaissance (with the exception of oil-stained surface soil along the graveled drive path through the center of the Site).
- Gray silty sediment suspected to remain from temporary stockpiling of WPCF pond lining and maintenance efforts was observed on the ground surface in the northern portion of the Site.
- No evidence of underground or aboveground petroleum-product storage tanks was observed.

Construction materials described in Section 6 of this report were observed on the Site during the Site visit. It is likely that prior to NCPA development of the Site, the materials will be removed by the City of Lodi for continued use in the WPCF improvement project. The automotive batteries should be removed from the Site and taken to appropriate disposal/recycling facilities. The presence of the oil-stained soil observed along the graveled drive path through the center of the Site is considered to fall within the category of "*de minimis conditions*" based on the limited area observed to be affected (additional areas could be covered by the gravel). *De minimis conditions* are defined in ASTM E 1527-05 as "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". Should the oil staining be found to include a greater area than currently visible, additional characterization and possibly excavation and removal to an appropriate disposal facility could be warranted.

Recent monitoring/analysis of samples from monitoring well WSM-2 located near the southeastern corner of the Site property indicates that: Nitrate as nitrogen was detected at a concentration above the California State Department of Health Services drinking water Maximum Contaminant Level, that dissolved iron and manganese were detected at concentrations above the Secondary Maximum Contaminant Levels/Consumer Acceptance Limits, that Total Dissolved Solids and Specific Conductance were detected in the upper Secondary Maximum Contaminant Level Ranges, and that Coliform bacteria was reported at >16 MPN/100 ml, in the shallow groundwater at the Site.

None of the records reviewed during this assessment revealed *recognized environmental conditions* on the adjoining properties. Based on our reconnaissance of the Site and near vicinity, the hydrogeologic characteristics of the area, results of archival records and database searches and reviews, distances from the Site property to potential sources of contamination, and interviews with persons knowledgeable of the Site area, it is Carlton's opinion that contamination of the subject Site resulting from identified past activities on nearby properties is unlikely. Although unlikely, the possibility of contamination migrating to the Site from offsite sources and offsite practices must be recognized. Additional studies regarding off-site sources do not appear justified based on the data available to date.

None of the information reviewed or received from interviews with public agency personnel during this assessment revealed records of, or strong enough evidence for soil or water impacts from past or present Site uses to conclude that *recognized environmental conditions* exist or previously existed on the Site.

Conditions with potential to be considered as *recognized environmental conditions* were observed on the Site. Surface deposits of gray silt characteristic of waste-water-pond sludge were observed in the northern portion of the Site property. Waste water treatment plant sludge can contain concentrations of heavy metals that could result in the materials being classified as designated or hazardous wastes. Laboratory analysis of the materials would be needed to determine if the silt contains high levels of any metals of potential concern.

8.2 CONCLUSIONS

Carlton has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 for the property described in Section 2.0 of this assessment. The property is identified as a portion of San Joaquin County Assessor's Parcel Number 055-130-16, and as a portion of the property addressed as 12751 North Thornton Road, consisting of approximately 5.4 acres located west of Interstate Highway 5. Any exceptions to or deletions from this practice are described in Section 2.2 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Site.

8.3 RECOMMENDATIONS

Carlton has concluded that the likelihood of contamination at this Site is low; however several conditions regarding the potential for environmental concern at the Site were noted and are summarized here with recommendations for the Client's consideration.

- Two automotive batteries were observed in the northern area of the Site and the batteries should be removed to an approved disposal or recycling facility. The drums of curing compound, and buckets of lubricating compound, along with the other construction materials should be removed from the Site.
- Scattered surface deposits and push piles of gray silty material with waste materials characteristic of waste-water-pond sludge were observed in the northern portion of the Site property (likely remaining from the temporary stockpiling of sediment in the 1980s and 1990s). Typically, these types of materials have the potential to contain concentrations of heavy metals that could cause them to be classified as designated or hazardous wastes. We recommend consideration be given to conducting laboratory analysis of samples of the materials to assess if the silt contains elevated levels of any metals of potential concern (thereby causing the presence of the silt/sludge to be considered a *recognized environmental condition*), and if any special handling, disposal or placement requirements would apply to the materials during project development. Alternatively, the materials could be removed from the Site to an appropriate disposal facility, and confirmation samples of the underlying material could be collected and analyzed to verify adequate removal has taken place.
- Considering that suspect oil staining was observed on the ground surface near the graveled drive path through the Site, we recommend that the extent of the affected area be observed during project development, by an environmental professional to determine if extensive oil staining is suspected and if soil sampling and analysis is warranted to assess whether remediation may be required or not.
- Carlton understands that the Client has no intent to use the shallow/perched zone groundwater at the Site for domestic/drinking water purposes. Considering the recent analysis results of groundwater samples from the onsite monitoring well WSM-2, it is recommended that if the shallow or deeper aquifer groundwater resources of the Site are to be utilized in the future, then groundwater quality analysis and evaluation is recommended prior to use of the groundwater.

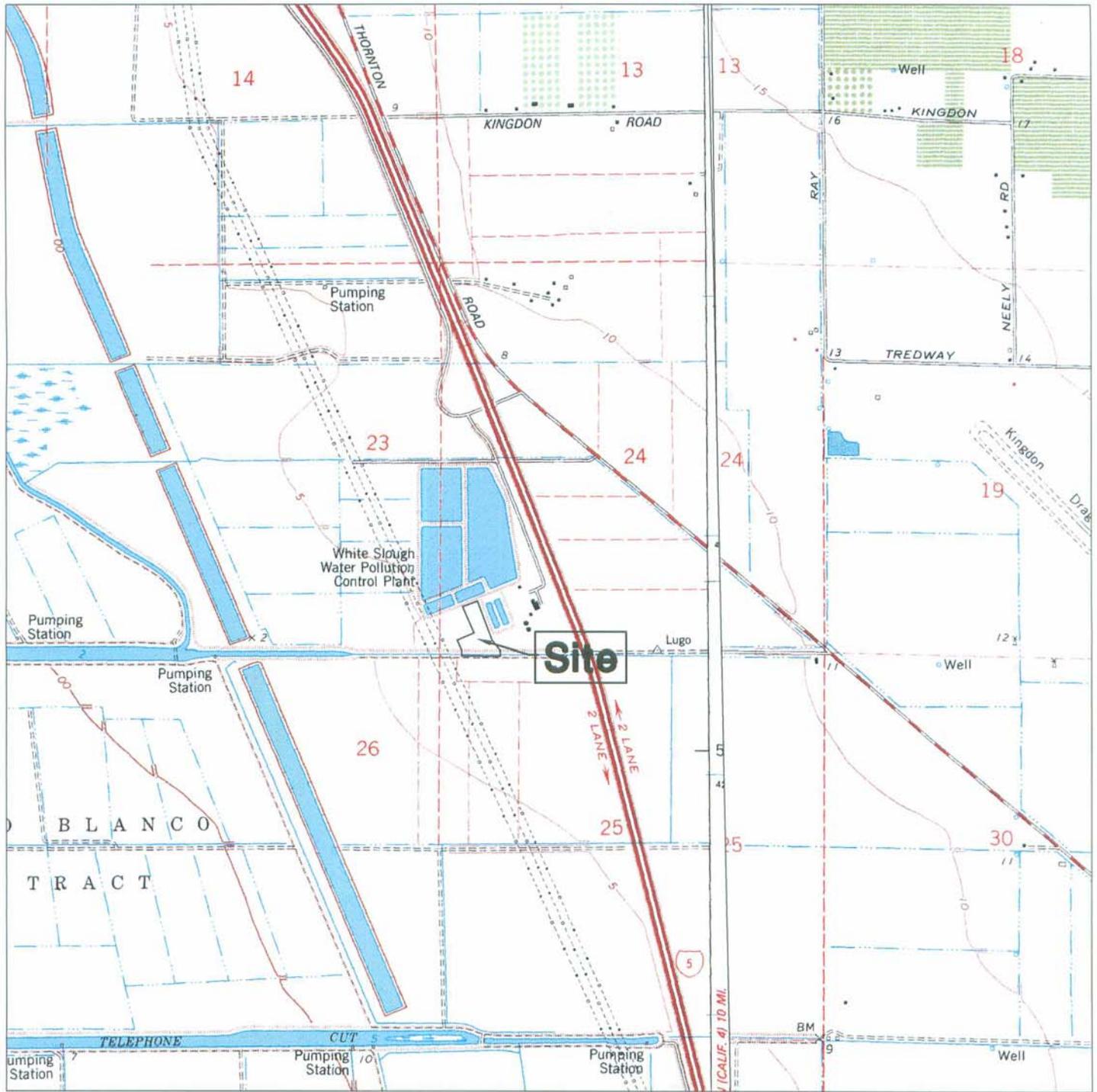
9.0 DEVIATIONS

There were no deviations from the ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process in conducting this assessment with the exception that recommendations for possible additional environmental assessment work are included.

10.0 ADDITIONAL SERVICES

No additional services were provided for the Client during the development of this report with the exception that recommendations for possible additional environmental assessment work are included.

11.0 FIGURES



Terminus and Lodi South, CA U.S.G.S Topographic
 Quadrangles
 T3N, R5E, Sec. 23
 1:24,000



Project 6300-01-08

June 2008



Carlton Engineering, Inc.
 3883 Ponderosa Road
 Shingle Springs, California 95682

Environmental Site Assessment
 12751 North Thornton Road, Lodi
 San Joaquin, California

FIGURE
 1



**PHASE I PSA
SITE MAP**

**NCPA
LODI ENERGY CENTER
PROJECT**

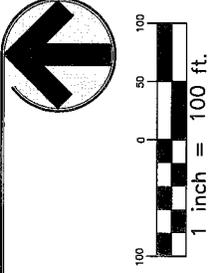
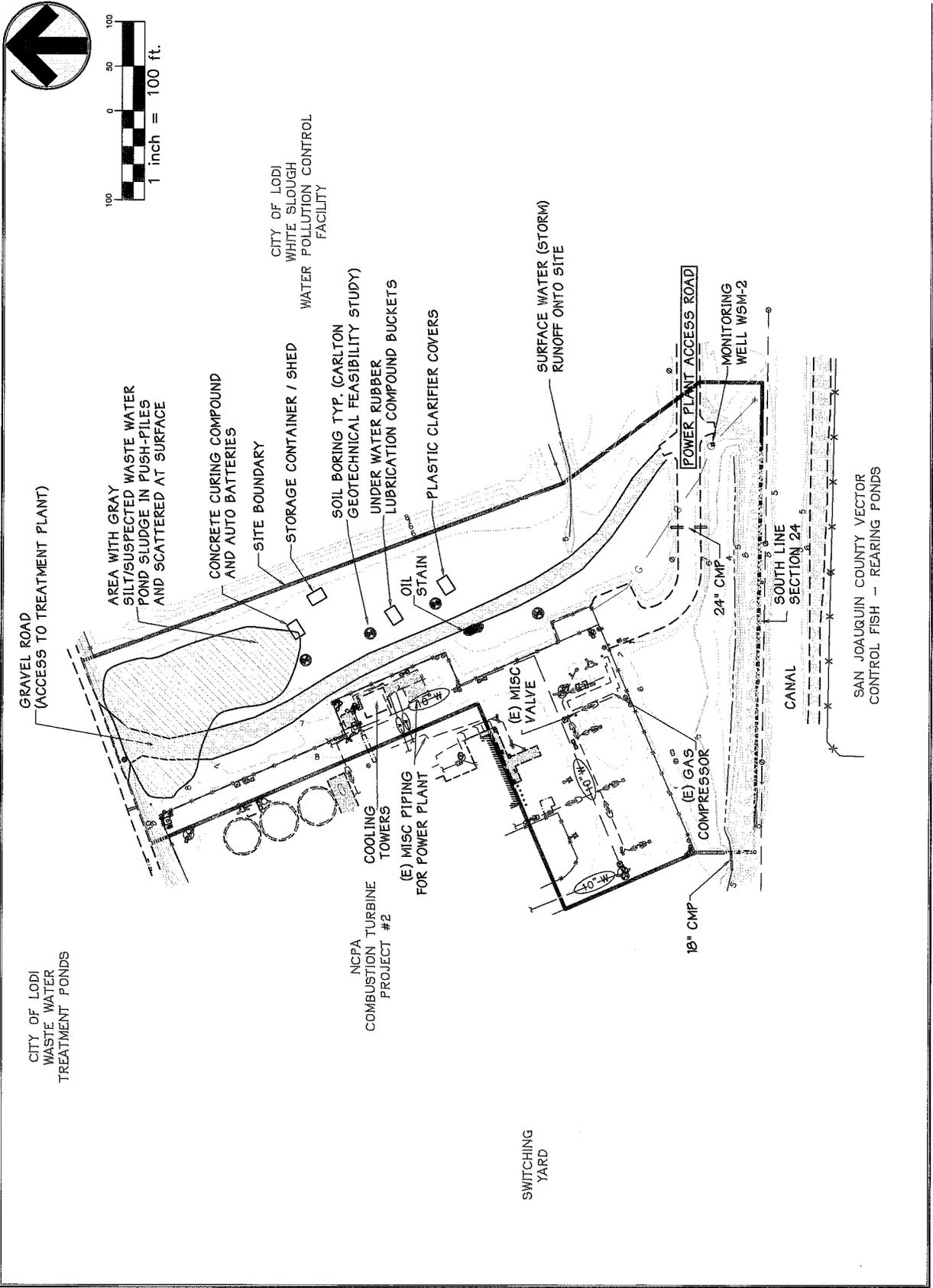
Project Location:
17251 North Thornton Road
Lodi, California

Property Owner:
City of Lodi

APN: 055-130-16

DESIGN	DRAWN	DATE
MVD	RED	06/01/2002
PROJECT	NO.	17-100
CHECKED BY & DATE		03/09-01-00

FIGURE
2





View of Site to the east along southern boundary



View of Site to the north from southeastern corner area (well WSM-2 in foreground)



Paved southern area of Site (gas compressor in background)



Construction materials lay-down area along eastern Site boundary

Site Photos

PROJECT 6300-01-08	June 2008		FIGURE
	Carlton Engineering, Inc. 3883 Ponderosa Road Shingle Springs, California 95682	Environmental Site Assessment 12751 North Thornton Road, Lodi San Joaquin County, California	3



Auto batteries with construction materials



Mounds/push-piles of suspected pond sediment/sludge



Construction materials, storage container/shed in background



Oil staining in gravel drive path area

Site Photos

PROJECT 6300-01-08

June 2008



Carlton Engineering, Inc.
3883 Ponderosa Road
Shingle Springs, California 95682

Environmental Site Assessment
12751 North Thornton Road, Lodi
San Joaquin County, California

FIGURE
4

12.0 REFERENCES

12.1 PUBLISHED AND UNPUBLISHED REFERENCES

California Department of Conservation, Division of Mines and Geology, 1981, Geologic Map of the Sacramento Quadrangle, D. L. Wagner, C. W. Jennings, T. L. Bedrossian, and E. J. Bortugno, compilers, Scale 1:250,000.

Soil Survey of San Joaquin County, California, USDA Soil Conservation Service, 1992.

12.2 MAP, AERIAL PHOTO AND OTHER GEOGRAPHIC REFERENCES

Environmental Data Resources – Cartwright Aerial Services, Black and White Aerial Photograph, Date of Photography 1957.

Environmental Data Resources – Mark Hurd, Black and White Aerial Photograph, Date of Photography 1963.

Soil Survey of San Joaquin County, California, USDA Soil Conservation Service – USGS, Black and White Orthophotographs, 1970 through 1977 aerial photography.

Environmental Data Resources – WSA, Black and White Aerial Photograph, Date of Photography 1984.

Environmental Data Resources – USGS, Black and White Aerial Photograph, Date of Photography 1993.

Environmental Data Resources – USGS, Black and White Aerial Photograph, Date of Photography 1998.

Environmental Data Resources – Pacific Air, Black and White Aerial Photograph, Date of Photography 2002.

Environmental Data Resources – EDR, Black and White Aerial Photograph, Date of Photography 2005.

Environmental Data Resources – USGS Historic Topographic Map, Headreach Quadrangle, California, 1:31680, 1910.

Environmental Data Resources – USGS Historic Topographic Map, Lodi Quadrangle, California, 1:50000, 1947.

Environmental Data Resources – USGS Historic Topographic Map, Terminous Quadrangle, California, 1:24000, 1952.

Environmental Data Resources – USGS Historic Topographic Map, Terminous Quadrangle, California, 1:24000, 1968.

Environmental Data Resources – USGS Historic Topographic Map, Terminous Quadrangle, California, 1:24000, 1978.

Environmental Data Resources – USGS Historic Topographic Map, Terminous Quadrangle, California, 1:24000, 1993.

13.0 APPENDIX

EDR Report
Environmental Questionnaire
User Environmental Questionnaire
Aerial Photographs
Historical Topographic Maps
Environmental Lien Search Report
City Directory Search Report
Preliminary Title Report
February 2008 Groundwater Monitoring Results
Statement of Qualifications



NCPA Lodi Energy Center

12745 N. Thornton Road
Lodi, CA 95242

Inquiry Number: 2229783.3

May 28, 2008

Certified Sanborn® Map Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

5/28/08

Site Name:

NCPA Lodi Energy Center
12745 N. Thornton Road
Lodi, CA 95242

Client Name:

Carlton Engineering
3883 Ponderosa Road
Shingle Springs, CA 95682



EDR Inquiry # 2229783.3

Contact: Mike Vander Dussen

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Certified Sanborn Results:

Site Name: NCPA Lodi Energy Center
Address: 12745 N. Thornton Road
City, State, Zip: Lodi, CA 95242
Cross Street:
P.O. # NA
Project: P14654, NCPA
Certification # 6D5E-40E9-B81E



Sanborn® Library search results
Certification # 6D5E-40E9-B81E

UNMAPPED PROPERTY

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

Total Maps: 0

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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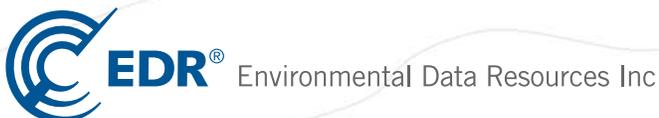
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NCPA Lodi Energy Center
12745 N. Thornton Road
Lodi, CA 95242

Inquiry Number: 2229783.2s
May 28, 2008

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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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

12745 N. THORNTON ROAD
LODI, CA 95242

COORDINATES

Latitude (North): 38.088130 - 38° 5' 17.3"
Longitude (West): 121.386380 - 121° 23' 11.0"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 641509.9
UTM Y (Meters): 4216617.0
Elevation: 0 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38121-A4 TERMINOUS, CA
Most Recent Revision: 1993

East Map: 38121-A3 LODI SOUTH, CA
Most Recent Revision: 1976

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
LODI COMBUSTION TURBINE #2 12745 NORTH THORNTORN ROAD LODI, CA 95242	ICIS	N/A
LODI COMBUSTION TURBINE #2 12745 NORTH THORNTORN ROAD LODI, CA 95242	FINDS	110000528643
NCPA NORTHERN CALIFORNIA POWER AG 12745 NORTH THORNTON ROAD LODI, CA 95242	FINDS	110030463102

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

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

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites

EXECUTIVE SUMMARY

SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
LUST	Geotracker's Leaking Underground Fuel Tank Report
CA FID UST	Facility Inventory Database
SLIC	Statewide SLIC Cases
UST	Active UST Facilities
HIST UST	Hazardous Substance Storage Container Database
AST	Aboveground Petroleum Storage Tank Facilities
LIENS	Environmental Liens Listing
SWEEPS UST	SWEEPS UST Listing
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
RESPONSE	State Response Sites
HAZNET	Facility and Manifest Data
AIRS	Emissions Inventory Data
HAULERS	Registered Waste Tire Haulers Listing
ENVIROSTOR	EnviroStor Database

TRIBAL RECORDS

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

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

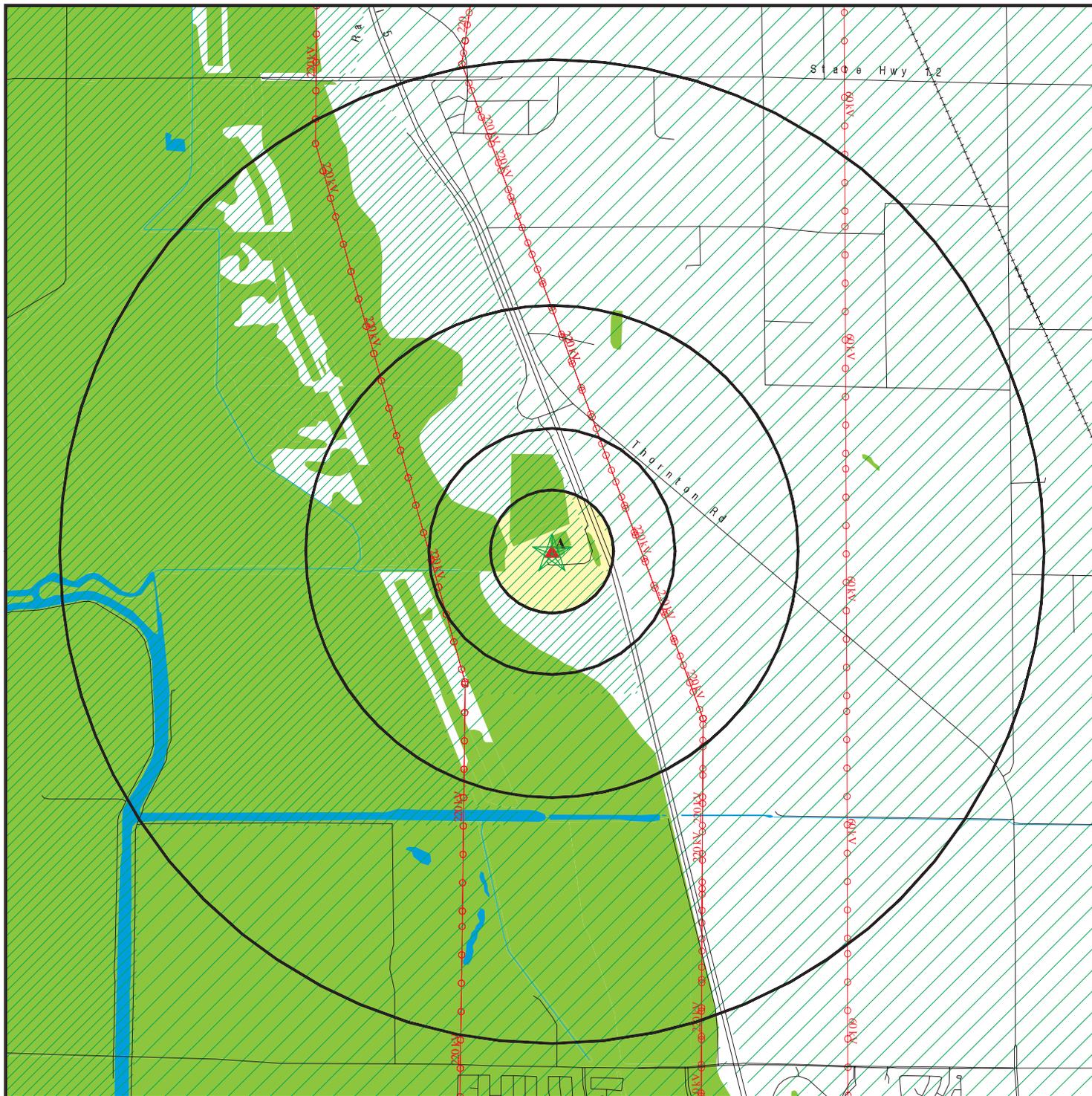
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
HIGHWAY 12, 2-3 MILES E OF INTERSTATE 5	CDL
9541 W HIGHWAY 12	CDL
W SIDE OF THORNTON RD 1/4 MI SO OF TU	CDL
HARNEY LANE AND BECKMAN RD EAST OF	CHMIRS, SLIC
WHISKEY SLOUGH ROAD 1/8 MILE NORTH OF CITY OF HOLT	CHMIRS, SLIC
CHARLES JACOBS	UST
MARTINI'S BAIT & TACKLE	UST
PHILLIPS FARMS	UST
R A RIPKEN GRAPE NURSERY INC	UST
SCHNABEL, CHARLES	UST
LODI LAKE PARK	UST
FRANK C. ALEGRE TRUCKING INC.	AST
P G & E/TERMINOUS SUBSTATION	HAZNET
SDMI/SAFEWAY	HAZNET
ARB INC	HAZNET
FTG CONSTRUCTION MATERIALS, INC.	HAZNET
TOWER PARK RESORT	HAZNET
ENERGY SYSTEMS	HAZNET
CITY OF LODI WHITE SLOUGH WPCF LAB	HAZNET
LODI HIGH	FINDS
LODI PCE	SLIC
LODI PCE INVESTIGATION	SLIC
VICTOR FINE FOODS	SLIC
LODI MS4 PHASE II	CA WDS
KRC AGGREGATE LODI	CA WDS
VAN RUITEN-TAYLOR WINERY	CA WDS
TOWER PARK MARINA/VILLAGE WWTF	CA WDS
YOUSIF H. HALLOUM	AIRS

OVERVIEW MAP - 2229783.2s



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

- ▨ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

▣ Areas of Concern

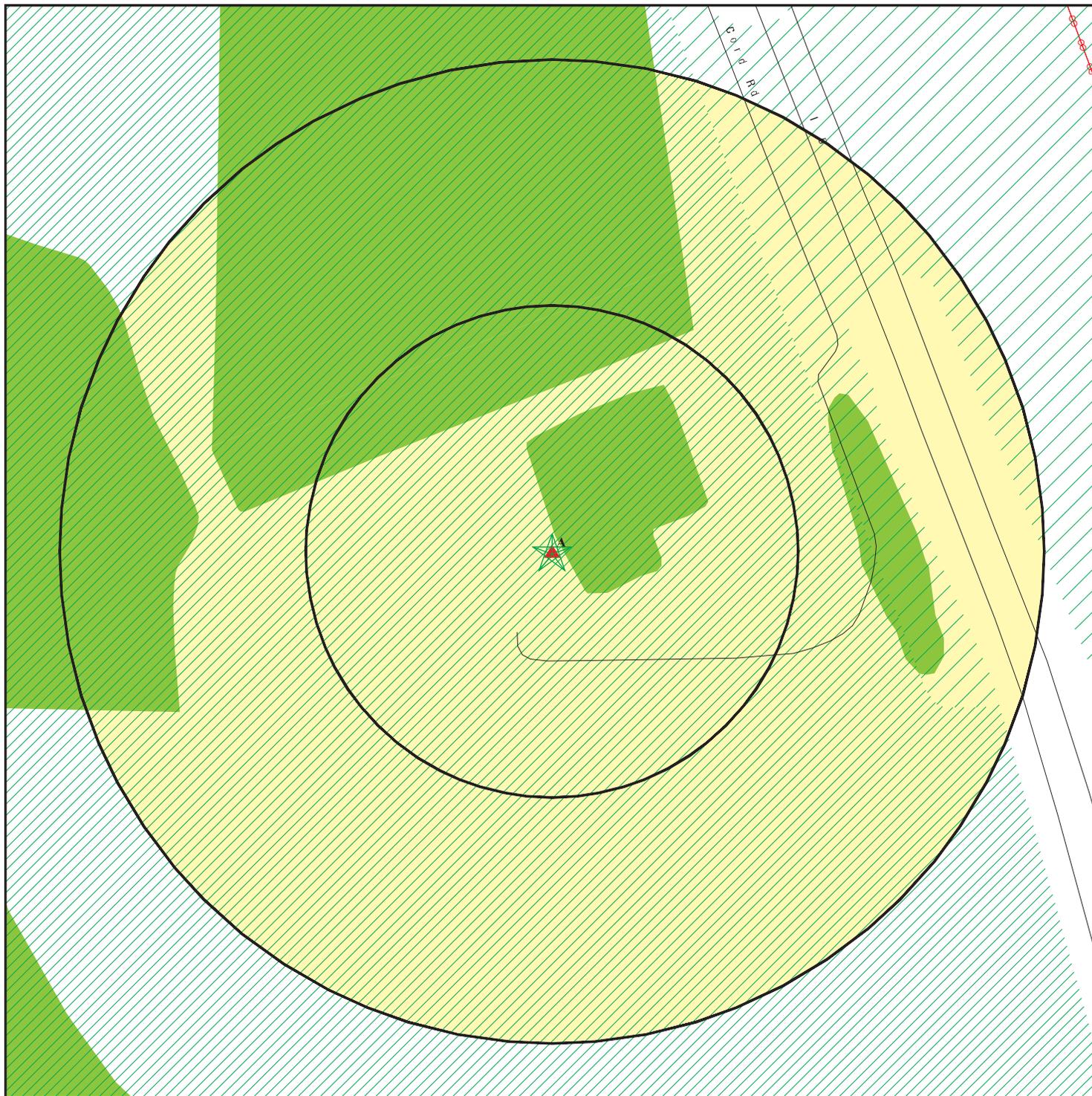


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

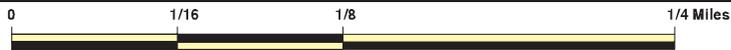
SITE NAME: NCPA Lodi Energy Center
 ADDRESS: 12745 N. Thornton Road
 Lodi CA 95242
 LAT/LONG: 38.0881 / 121.3864

CLIENT: Carlton Engineering
 CONTACT: Mike Vander Dussen
 INQUIRY #: 2229783.2s
 DATE: May 28, 2008 2:43 pm

DETAIL MAP - 2229783.2s



- ★ 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
- ▲ Power transmission lines
- ▲ 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: NCPA Lodi Energy Center
 ADDRESS: 12745 N. Thornton Road
 Lodi CA 95242
 LAT/LONG: 38.0881 / 121.3864

CLIENT: Carlton Engineering
 CONTACT: Mike Vander Dussen
 INQUIRY #: 2229783.2s
 DATE: May 28, 2008 2:43 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
Delisted NPL		1.250	0	0	0	0	0	0
NPL LIENS		0.250	0	0	NR	NR	NR	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
LIENS 2		0.250	0	0	NR	NR	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRA-TSDF		0.750	0	0	0	0	NR	0
RCRA-LQG		0.500	0	0	0	NR	NR	0
RCRA-SQG		0.500	0	0	0	NR	NR	0
RCRA-CESQG		0.500	0	0	0	NR	NR	0
RCRA-NonGen		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.750	0	0	0	0	NR	0
US INST CONTROL		0.750	0	0	0	0	NR	0
ERNS		0.250	0	0	NR	NR	NR	0
HMIRS		0.250	0	0	NR	NR	NR	0
DOT OPS		0.250	0	0	NR	NR	NR	0
US CDL		0.250	0	0	NR	NR	NR	0
US BROWNFIELDS		0.750	0	0	0	0	NR	0
DOD		1.250	0	0	0	0	0	0
FUDS		1.250	0	0	0	0	0	0
LUCIS		0.750	0	0	0	0	NR	0
CONSENT		1.250	0	0	0	0	0	0
ROD		1.250	0	0	0	0	0	0
UMTRA		0.750	0	0	0	0	NR	0
ODI		0.750	0	0	0	0	NR	0
DEBRIS REGION 9		0.750	0	0	0	0	NR	0
MINES		0.500	0	0	0	NR	NR	0
TRIS		0.250	0	0	NR	NR	NR	0
TSCA		0.250	0	0	NR	NR	NR	0
FTTS		0.250	0	0	NR	NR	NR	0
HIST FTTS		0.250	0	0	NR	NR	NR	0
SSTS		0.250	0	0	NR	NR	NR	0
ICIS	X	0.250	0	0	NR	NR	NR	0
PADS		0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
RADINFO		0.250	0	0	NR	NR	NR	0
FINDS	X	0.250	0	0	NR	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
HIST Cal-Sites		1.250	0	0	0	0	0	0
CA BOND EXP. PLAN		1.250	0	0	0	0	0	0
SCH		0.500	0	0	0	NR	NR	0
Toxic Pits		1.250	0	0	0	0	0	0
SWF/LF		0.750	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA WDS		0.250	0	0	NR	NR	NR	0
WMUDS/SWAT		0.750	0	0	0	0	NR	0
Cortese		0.750	0	0	0	0	NR	0
SWRCY		0.750	0	0	0	0	NR	0
LUST		0.750	0	0	0	0	NR	0
CA FID UST		0.500	0	0	0	NR	NR	0
SLIC		0.750	0	0	0	0	NR	0
UST		0.500	0	0	0	NR	NR	0
HIST UST		0.500	0	0	0	NR	NR	0
AST		0.500	0	0	0	NR	NR	0
LIENS		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.500	0	0	0	NR	NR	0
CHMIRS		0.250	0	0	NR	NR	NR	0
Notify 65		1.250	0	0	0	0	0	0
DEED		0.750	0	0	0	0	NR	0
VCP		0.750	0	0	0	0	NR	0
DRYCLEANERS		0.500	0	0	0	NR	NR	0
WIP		0.500	0	0	0	NR	NR	0
CDL		0.250	0	0	NR	NR	NR	0
RESPONSE		1.250	0	0	0	0	0	0
HAZNET		0.250	0	0	NR	NR	NR	0
AIRS		0.250	0	0	NR	NR	NR	0
HAULERS		0.250	0	0	NR	NR	NR	0
ENVIROSTOR		1.250	0	0	0	0	0	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.250	0	0	0	0	0	0
INDIAN ODI		0.750	0	0	0	0	NR	0
INDIAN LUST		0.750	0	0	0	0	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.250	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **LODI COMBUSTION TURBINE #2**
Target **12745 NORTH THORNTORN ROAD**
Property **LODI, CA 95242**

ICIS **1010577714**
 N/A

Site 1 of 3 in cluster A

Actual:
0 ft.

ICIS:

Enforcement Action ID: 09-1999-0168
FRS ID: 110000528643
Program ID: FRS 110000528643
Action Name: NORTHERN CALIFORNIA POWER AUTHORITY
Facility Name: LODI COMBUSTION TURBINE #2
Facility Address: 12745 NORTH THORNTORN ROAD
LODI, California 952429509
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: SAN JOAQUIN
EPA Region #: 9

Program ID: CAMDBS 7449
Facility Name: LODI COMBUSTION TURBINE #2
Address: 12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator: Not reported
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4911

Program ID: EGRID 7451
Facility Name: LODI COMBUSTION TURBINE #2
Address: 12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator: Not reported
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4911

Program ID: FRS 110000528643
Facility Name: LODI COMBUSTION TURBINE #2
Address: 12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator: No
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4911

Program ID: RMP 100000160817
Facility Name: LODI COMBUSTION TURBINE #2
Address: 12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator: Not reported
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4911

Enforcement Action ID: 09-1999-0085
FRS ID: 110000528643
Program ID: FRS 110000528643
Action Name: NORTHERN CALIFORNIA POWER AGENCY
Facility Name: LODI COMBUSTION TURBINE #2
Facility Address: 12745 NORTH THORNTORN ROAD
LODI, California 952429509
Enforcement Action Type: CAA 113D1 Action For Penalty
Facility County: SAN JOAQUIN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LODI COMBUSTION TURBINE #2 (Continued)

1010577714

EPA Region #:	9
Program ID:	CAMDBS 7449
Facility Name:	LODI COMBUSTION TURBINE #2
Address:	12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	EGRID 7451
Facility Name:	LODI COMBUSTION TURBINE #2
Address:	12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	FRS 110000528643
Facility Name:	LODI COMBUSTION TURBINE #2
Address:	12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator:	No
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	RMP 100000160817
Facility Name:	LODI COMBUSTION TURBINE #2
Address:	12745 NORTH THORNTORN ROAD LODI CA 952429509
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4911

**A2
 Target
 Property**

**LODI COMBUSTION TURBINE #2
 12745 NORTH THORNTORN ROAD
 LODI, CA 95242**

**FINDS 1010012362
 110000528643**

Site 2 of 3 in cluster A

**Actual:
 0 ft.**

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Not reported

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LODI COMBUSTION TURBINE #2 (Continued)

1010012362

system, sell them to other utilities on the open market or through EPA auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

**A3
Target
Property**

**NCPA NORTHERN CALIFORNIA POWER AGENCY
12745 NORTH THORNTON ROAD
LODI, CA 95242**

**FINDS 1010161276
110030463102**

Site 3 of 3 in cluster A

**Actual:
0 ft.**

**FINDS:
Other Pertinent Environmental Activity Identified at Site**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LODI	S105084006	P G & E/TERMINOUS SUBSTATION	8735 HWY 12	95242	HAZNET
LODI	S107538719		HIGHWAY 12, 2-3 MILES E OF INTERSTATE 5	95242	CDL
LODI	S103679067	SDMI/SAFEWAY	INTERSTATE 5 NORTHBOUND		HAZNET
LODI	S106800676	LODI MS4 PHASE II	PO BOX 3006		CA WDS
LODI	S103617979	KRC AGGREGATE LODI	24717 E BRANCH RD		CA WDS
LODI	S106855466	LODI PCE	SOUTH CENTRAL/WESTERN PLUME		SLIC
LODI	S106230408	LODI PCE INVESTIGATION	CHURCH ST, LODI AVE, MOKELUMNE RIVER, KETTLEMAN LN		SLIC
LODI	S105638323		HARNEY LANE AND BECKMAN RD EAST OF		CHMIRS, SLIC
LODI	S106203442	VAN RUITEN-TAYLOR WINERY	340 W HIGHWAY 12	95242	CA WDS
LODI	S107537244		9541 W HIGHWAY 12	95242	CDL
LODI	S107622472	YOUSIF H. HALLOUM	5790 W HIGHWAY 12	95242	AIRS
LODI	S108742421	ARB INC	5116 W HIGHWAY 12	95242	HAZNET
LODI	S108747585	FTG CONSTRUCTION MATERIALS, INC.	5112 WEST HIGHWAY 12	95242	HAZNET
LODI	S106103597	TOWER PARK MARINA/VILLAGE WWTF	149 W HWY 12 BOX A-6	95242	CA WDS
LODI	S108756727	TOWER PARK RESORT	14900 W HWY 12	95242	HAZNET
LODI	U004023530	CHARLES JACOBS	13889 W HWY 12	95242	UST
LODI	U004024321	MARTINI'S BAIT & TACKLE	3049 W HWY 12	95242	UST
LODI	U004024575	PHILLIPS FARMS	4580 W HWY 12	95242	UST
LODI	U004024639	R A RIPKEN GRAPE NURSERY INC	2201 W HWY 12	95242	UST
LODI	U004024792	SCHNABEL, CHARLES	2611 W HWY 12	95242	UST
LODI	A100225992	FRANK C. ALEGRE TRUCKING INC.	5100 W. HWY. 12	95242	AST
LODI	S106486873	VICTOR FINE FOODS	18846 N. HWY. 99 FRONTAGE RD.		SLIC
LODI	S108206077	ENERGY SYSTEMS	1140 LOWER SACRAMENTO RD	95242	HAZNET
LODI	1008306594	LODI HIGH	3 PACIFIC AVE.	95242	FINDS
LODI	S107541108		W SIDE OF THORNTON RD 1/4 MI SO OF TU		CDL
LODI	S104583841	CITY OF LODI WHITE SLOUGH WPCF LAB	12751 N THORTON RD	95242	HAZNET
LODI	U004024232	LODI LAKE PARK	1301 W TURNER RD	95242	UST
SAN JOAQUIN COUNTY	S105637094		WHISKEY SLOUGH ROAD 1/8 MILE NORTH OF CITY OF HOLT		CHMIRS, SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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: 05/19/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/18/2008
	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: 04/08/2008	Source: EPA
Date Data Arrived at EDR: 04/25/2008	Telephone: 703-412-9810
Date Made Active in Reports: 05/21/2008	Last EDR Contact: 04/25/2008
Number of Days to Update: 26	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: 05/20/2008
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: 05/19/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/18/2008
	Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/26/2008	Source: EPA
Date Data Arrived at EDR: 04/02/2008	Telephone: 800-424-9346
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 34	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: 05/21/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/21/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/21/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/21/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/21/2008
Next Scheduled EDR Contact: 08/18/2008
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: 04/04/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/17/2008	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 28	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: 04/04/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/17/2008	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 28	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: 12/31/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/16/2008	Telephone: 202-366-4555
Date Made Active in Reports: 05/15/2008	Last EDR Contact: 04/16/2008
Number of Days to Update: 29	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: 05/28/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/25/2008
	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: 05/09/2008
Next Scheduled EDR Contact: 08/04/2008
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: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 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: 04/11/2008
Date Data Arrived at EDR: 04/24/2008
Date Made Active in Reports: 05/21/2008
Number of Days to Update: 27

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: 04/11/2008
Date Data Arrived at EDR: 04/24/2008
Date Made Active in Reports: 05/21/2008
Number of Days to Update: 27

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: 02/28/2008
Date Data Arrived at EDR: 03/18/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 49

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: 05/09/2008
Next Scheduled EDR Contact: 08/04/2008
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: 04/29/2008
Date Data Arrived at EDR: 05/01/2008
Date Made Active in Reports: 05/21/2008
Number of Days to Update: 20

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: 04/03/2008	Source: EPA
Date Data Arrived at EDR: 04/08/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 28	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: 05/27/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/25/2008
	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: 05/28/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/25/2008
	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: 04/07/2008
Date Data Arrived at EDR: 04/09/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 27

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: 05/05/2008
Next Scheduled EDR Contact: 08/04/2008
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: 04/01/2008
Date Data Arrived at EDR: 04/23/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 13

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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 03/24/2008
Number of Days to Update: 35	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 05/12/2008
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/11/2008
	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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 04/07/2008
Number of Days to Update: 30	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	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 05/19/2008
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/18/2008
	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: 04/08/2008	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/09/2008	Telephone: see region list
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/09/2008
Number of Days to Update: 27	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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 05/19/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/18/2008
	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: 04/08/2008	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/09/2008	Telephone: 866-480-1028
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 01/09/2008
Number of Days to Update: 27	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: 05/19/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/18/2008
	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: 05/12/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/11/2008
	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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/27/2008
Next Scheduled EDR Contact: 08/25/2008
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: 05/05/2008
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/04/2008
	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: 05/28/2008
Next Scheduled EDR Contact: 08/25/2008
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: 05/12/2008
Next Scheduled EDR Contact: 08/11/2008
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: 02/26/2008
Date Data Arrived at EDR: 04/23/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 13

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: 12/31/2007
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 14

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: 05/28/2008
Next Scheduled EDR Contact: 08/25/2008
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: 05/09/2008
Next Scheduled EDR Contact: 08/04/2008
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2005
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: 05/28/2008
Next Scheduled EDR Contact: 08/25/2008
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 04/28/2008
Date Data Arrived at EDR: 04/29/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 7

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: 05/09/2008
Next Scheduled EDR Contact: 08/04/2008
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: 05/27/2008
Next Scheduled EDR Contact: 08/25/2008
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: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/19/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/18/2008
	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: 05/19/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 08/18/2008
	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: 05/19/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 08/18/2008
	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: 03/17/2008	Source: EPA Region 4
Date Data Arrived at EDR: 03/27/2008	Telephone: 404-562-8677
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 05/19/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/18/2008
	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: 05/19/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/18/2008
	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: 05/19/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/18/2008
	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: 05/19/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/18/2008
	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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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

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
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 05/05/2008
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
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 10

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 05/05/2008
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
Date Data Arrived at EDR: 03/11/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 16

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/27/2008
Next Scheduled EDR Contact: 08/25/2008
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 03/31/2008
Date Data Arrived at EDR: 04/18/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 18

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/18/2008
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
Date Data Arrived at EDR: 04/18/2008
Date Made Active in Reports: 05/01/2008
Number of Days to Update: 13

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/16/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

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

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

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 04/14/2008
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: 02/28/2008
Date Data Arrived at EDR: 04/16/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 20

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 08/11/2008
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/12/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 35

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 05/14/2008
Next Scheduled EDR Contact: 08/11/2008
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
Date Data Arrived at EDR: 03/20/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 25

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

Site Mitigation List

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

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

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 08/11/2008
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
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 22

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 05/27/2008
Next Scheduled EDR Contact: 08/11/2008
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
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/21/2008
Next Scheduled EDR Contact: 08/18/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 16

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 05/27/2008
Next Scheduled EDR Contact: 08/11/2008
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/04/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 22

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/28/2008
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: 04/24/2008
Date Data Arrived at EDR: 04/25/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 11

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually

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: 05/19/2008
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/03/2008	Source: Health Care Agency
Date Data Arrived at EDR: 03/18/2008	Telephone: 714-834-3446
Date Made Active in Reports: 04/09/2008	Last EDR Contact: 03/06/2008
Number of Days to Update: 22	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	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 07/23/2007	Telephone: 530-889-7312
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 03/17/2008
Number of Days to Update: 17	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	Source: Department of Public Health
Date Data Arrived at EDR: 08/07/2007	Telephone: 951-358-5055
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 04/14/2008
Number of Days to Update: 50	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Quarterly

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: 05/02/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/28/2008
	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: 05/02/2008
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 03/19/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 26

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/03/2008
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
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 04/02/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

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: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/03/2008	Source: Department of Public Health
Date Data Arrived at EDR: 03/04/2008	Telephone: 415-252-3920
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 10	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	Source: Environmental Health Department
Date Data Arrived at EDR: 02/26/2008	Telephone: N/A
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 04/14/2008
Number of Days to Update: 17	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	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 02/01/2008	Telephone: 650-363-1921
Date Made Active in Reports: 02/14/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/07/2008
	Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 04/10/2008	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/11/2008	Telephone: 650-363-1921
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/07/2008
Number of Days to Update: 25	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	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 03/24/2008
Number of Days to Update: 22	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: 04/28/2008	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/29/2008	Telephone: 408-918-3417
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 03/04/2008	Telephone: 408-277-4659
Date Made Active in Reports: 03/14/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 10	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: 04/04/2008	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 04/22/2008	Telephone: 707-784-6770
Date Made Active in Reports: 05/06/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 14	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	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 04/22/2008	Telephone: 707-784-6770
Date Made Active in Reports: 05/01/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/23/2008
	Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2008
Date Data Arrived at EDR: 03/25/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 20

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/12/2008
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
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/19/2008
Next Scheduled EDR Contact: 08/18/2008
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
Date Data Arrived at EDR: 03/25/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 20

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/12/2008
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
Date Data Arrived at EDR: 04/09/2008
Date Made Active in Reports: 05/01/2008
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/09/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 02/20/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 23

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 05/12/2008
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
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/03/2008
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
Date Data Arrived at EDR: 02/28/2008
Date Made Active in Reports: 04/09/2008
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
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
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/10/2008
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
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 04/07/2008
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 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[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NCPA LODI ENERGY CENTER
12745 N. THORNTON ROAD
LODI, CA 95242

TARGET PROPERTY COORDINATES

Latitude (North):	38.08813 - 38° 5' 17.3"
Longitude (West):	121.38638 - 121° 23' 11.0"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	641509.9
UTM Y (Meters):	4216617.0
Elevation:	0 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38121-A4 TERMINOUS, CA
Most Recent Revision:	1993
East Map:	38121-A3 LODI SOUTH, CA
Most Recent Revision:	1976

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).

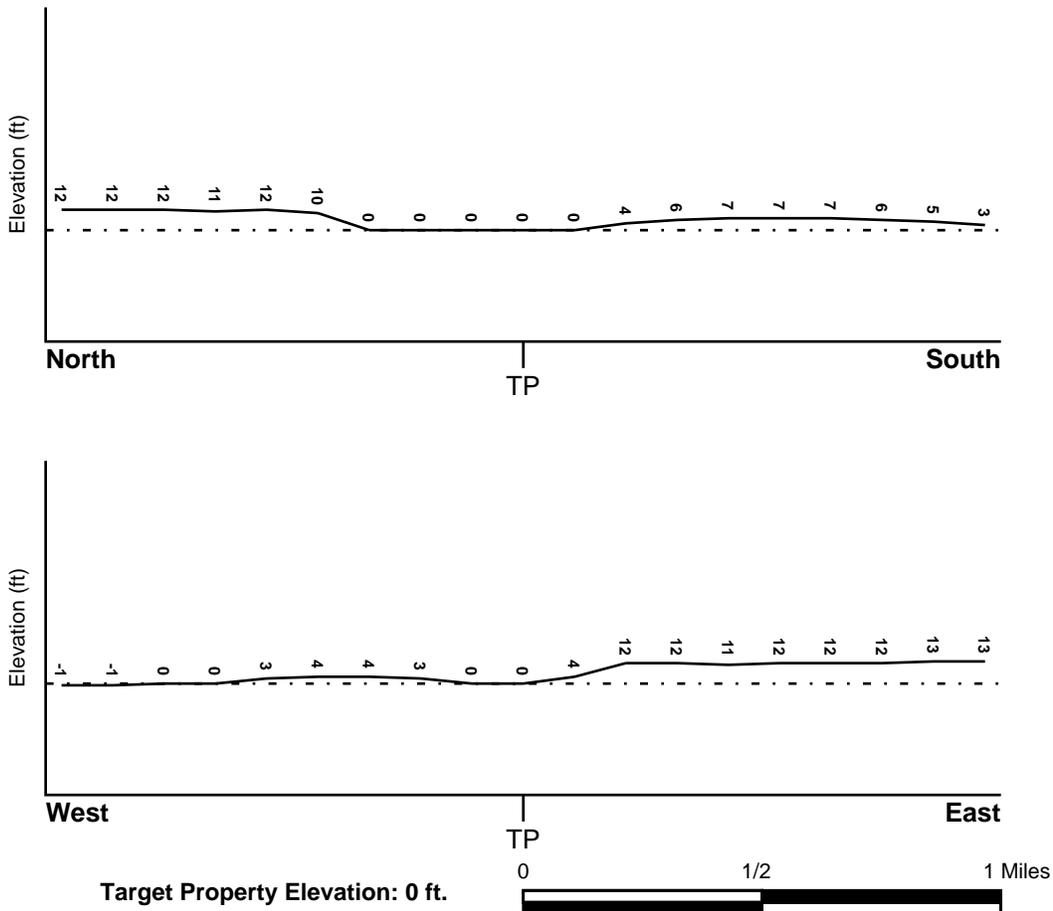
TOPOGRAPHIC INFORMATION

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 WNW

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> SAN JOAQUIN, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0602990260B
Additional Panels in search area:	0602990280B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> TERMINOUS	<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

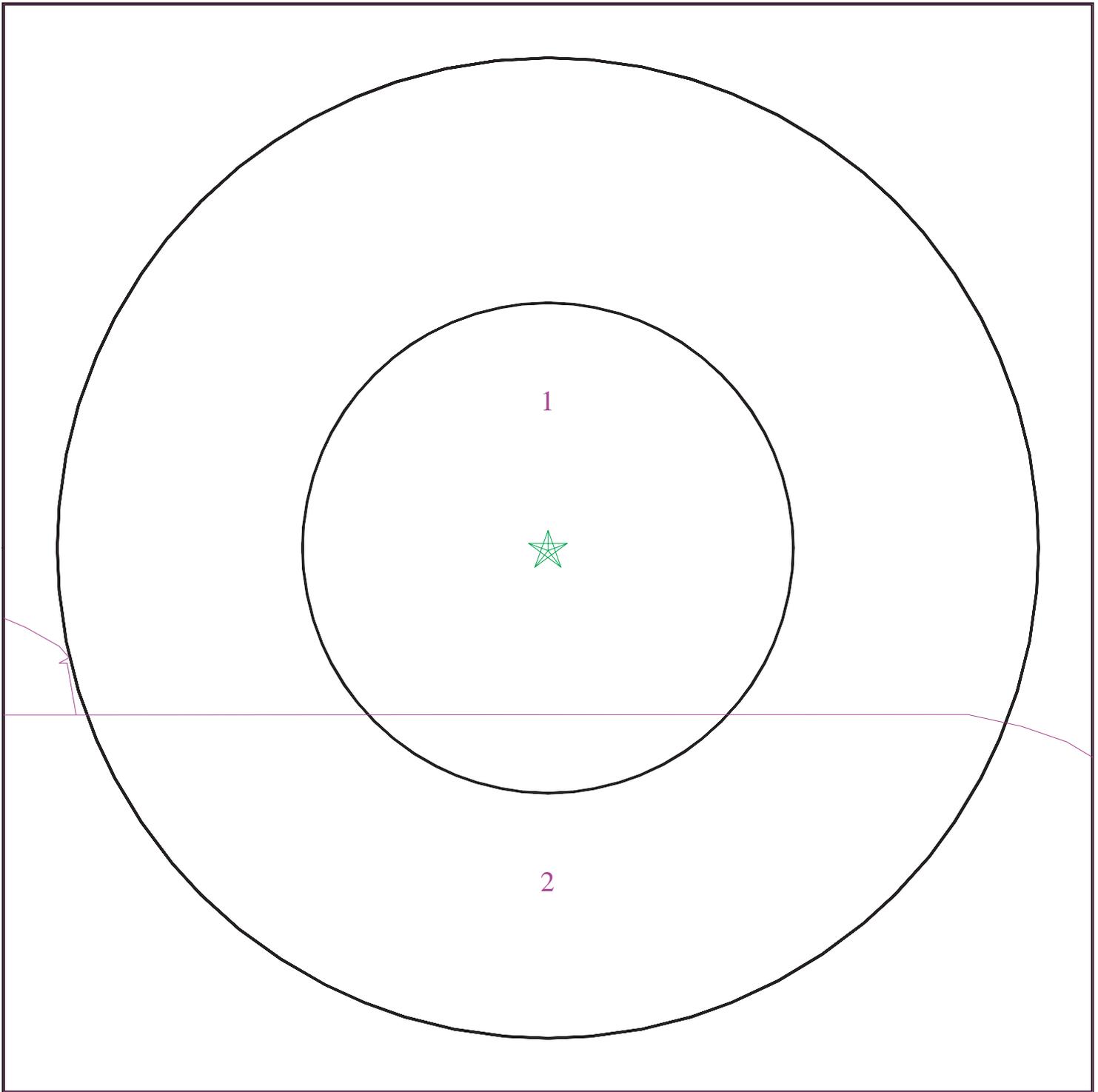
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (<i>decoded above as Era, System & Series</i>)

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 - 2229783.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: NCPA Lodi Energy Center
ADDRESS: 12745 N. Thornton Road
Lodi CA 95242
LAT/LONG: 38.0881 / 121.3864

CLIENT: Carlton Engineering
CONTACT: Mike Vander Dussen
INQUIRY #: 2229783.2s
DATE: May 28, 2008 2:43 pm

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: DEVRIES

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 152 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	12 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	12 inches	27 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:
3	27 inches	79 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: **GUARD**

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: **Poorly drained**

Hydric Status: **Partially hydric**

Corrosion Potential - Uncoated Steel: **High**

Depth to Bedrock Min: **> 0 inches**

Depth to Watertable Min: **> 152 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	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	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	14 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	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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS3227644	0 - 1/8 Mile East
A2	USGS3227642	1/8 - 1/4 Mile East
A3	USGS3227643	1/8 - 1/4 Mile East
4	USGS3227628	1/4 - 1/2 Mile WSW
7	USGS3227614	1/2 - 1 Mile SSW
8	USGS3227478	1/2 - 1 Mile WNW
9	USGS3227613	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

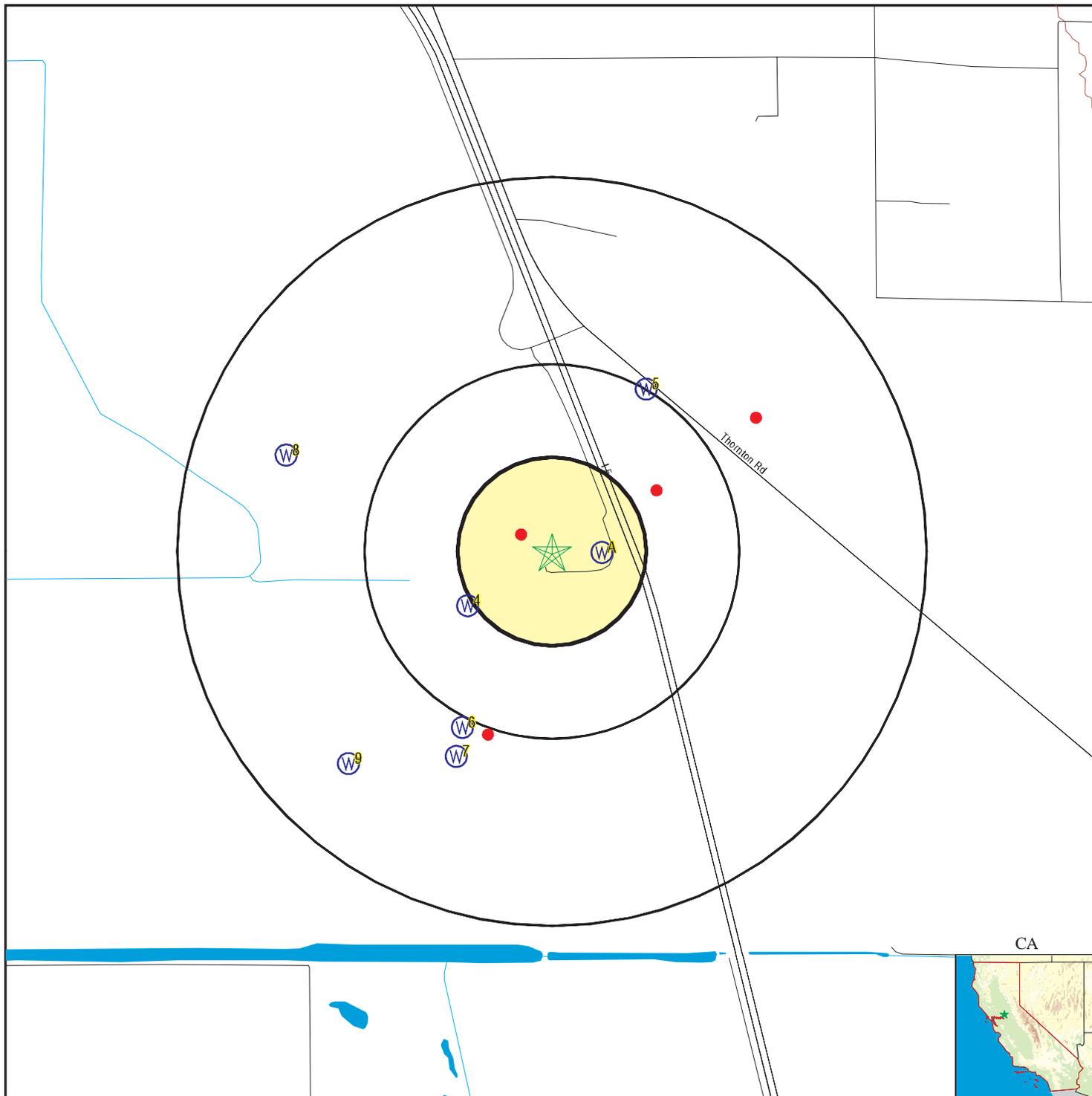
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
5	CADW20000038925	1/2 - 1 Mile NNE
6	CADW20000038913	1/2 - 1 Mile SSW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>DISTANCE FROM TP (Miles)</u>	<u>DISTANCE FROM TP (Miles)</u>
1/2 - 1 Mile ENE	1/4 - 1/2 Mile ENE
0 - 1/8 Mile WNW	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 2229783.2s



- 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: NCPA Lodi Energy Center
 ADDRESS: 12745 N. Thornton Road
 Lodi CA 95242
 LAT/LONG: 38.0881 / 121.3864

CLIENT: Carlton Engineering
 CONTACT: Mike Vander Dussen
 INQUIRY #: 2229783.2s
 DATE: May 28, 2008 2:43 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
East
0 - 1/8 Mile
Higher

FED USGS USGS3227644

Agency cd:	USGS	Site no:	380518121230201
Site name:	003N006E24N001M		
Latitude:	380518.0		
Longitude:	1212302.8	Dec lat:	38.08833333
Dec lon:	-121.38411111	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	TERMINOUS	Map scale:	24000
Altitude:	8		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	North American Vertical Datum of 1988		
Hydrologic:	Not Reported		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041118	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:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	9677BB600		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
East
1/8 - 1/4 Mile
Higher

FED USGS USGS3227642

Agency cd:	USGS	Site no:	380517121225801
Site name:	003N005E24P001M		
Latitude:	380517		
Longitude:	1212258	Dec lat:	38.08797556
Dec lon:	-121.38383837	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	SWSESWS24T03NR05EM
Location map:	TERMINOUS	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 7.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 2.5
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Lower CosumnesLower Mokelumne. California. Area = 747 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19700603
 Date inventoried: Not Reported 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: 142 Hole depth: 176
 Source of depth data: Not Reported
 Project number: 8479423710
 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: 1978-05-30
 Water quality data end date: 1978-05-30 Water quality data count: 1
 Ground water data begin date: 1970-06-03 Ground water data end date: 1970-06-03
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1970-06-03	18.00	

**A3
East
1/8 - 1/4 Mile
Higher**

FED USGS USGS3227643

Agency cd: USGS Site no: 380517121225802
 Site name: 003N005E24P002M
 Latitude: 380517 Dec lat: 38.08797556
 Longitude: 1212258 Coor meth: M
 Dec lon: -121.38383837 Latlong datum: NAD27
 Coor acc: S District: 06
 Dec latlong datum: NAD83 County: 077
 State: 06 Land net: SWSESWS24T03NR05EM
 Country: US Map scale: 24000
 Location map: TERMINOUS
 Altitude: 7.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 2.5
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Lower CosumnesLower Mokelumne. California. Area = 747 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19670629
 Date inventoried: Not Reported 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: 104 Hole depth: 104
 Source of depth data: Not Reported
 Project number: 8479423710
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1967-06-29
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1967-06-29

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1967-06-29	8.50	

4
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS3227628

Agency cd:	USGS	Site no:	380510121232201
Site name:	003N005E26A001M		
Latitude:	380510		
Longitude:	1212322	Dec lat:	38.08603116
Dec lon:	-121.39050517	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	TERMINOUS	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	San Joaquin Delta. California. Area = 938 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
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:	27.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	479435800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

5
NNE
1/2 - 1 Mile
Higher

CA WELLS CADW20000038925

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude: 121.3807
 Latitude: 38.0945
 Stwellno: 03N05E24L001M
 Districtco: 7
 Welluseco: U
 Countycode: 39
 Gwcode: 502201
 Site id: CADW20000038925

6
SSW
1/2 - 1 Mile
Higher

CA WELLS CADW20000038913

Longitude: 121.3897
 Latitude: 38.0814
 Stwellno: 03N05E26H002M
 Districtco: 7
 Welluseco: O
 Countycode: 39
 Gwcode: 502201
 Site id: CADW20000038913

7
SSW
1/2 - 1 Mile
Higher

FED USGS USGS3227614

Agency cd:	USGS	Site no:	380449121232401
Site name:	003N005E26H001M		
Latitude:	380449		
Longitude:	1212324	Dec lat:	38.08019801
Dec lon:	-121.39106071	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	TERMINOUS	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	San Joaquin Delta. California. Area = 938 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
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:	30.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	479435800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

8
WNW
1/2 - 1 Mile
Higher

FED USGS USGS3227478

Agency cd:	USGS	Site no:	380531121235401
Site name:	003N005E23L001M		
Latitude:	380531		
Longitude:	1212354	Dec lat:	38.0918643
Dec lon:	-121.39939427	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	TERMINOUS	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	San Joaquin Delta. California. Area = 938 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
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:	30.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	479435800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
SW
1/2 - 1 Mile
Higher

FED USGS USGS3227613

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	380448121234301
Site name:	003N005E26K001M		
Latitude:	380448		
Longitude:	1212343	Dec lat:	38.07992023
Dec lon:	-121.39633859	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	077
Country:	US	Land net:	Not Reported
Location map:	TERMINOUS	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	San Joaquin Delta. California. Area = 938 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
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:	21.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	479435800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction _____ Database _____ EDR ID Number _____
 Distance _____

ENE
1/2 - 1 Mile

OIL_GAS CAOG40000189894

Apinumber:	07720496	Operator:	Maxus Exploration Co.
Lease:	Red House Fee	Well no:	65-24
Field:	Not Reported	Cagasoil m2 area:	Not Reported
Map:	610	Status cod:	006
Source:	HUD		
Latitude:	38.09339		
Longitude:	-121.37533		
Td:	0		
Sec:	24		
Twn:	3N	Rge:	5E
Bm:	MD		
X coord:	0		
Y coord:	0		
Zone:	Not Reported	Spuddate:	06/27/2007 00:00:00
Abanddate:	09/28/2007 00:00:00	Comments:	Not Reported
District:	6	Site id:	CAOG40000189894

ENE
1/4 - 1/2 Mile

OIL_GAS CAOG40000189885

Apinumber:	07720290	Operator:	Great Basins Petroleum Co.
Lease:	City of Lodi	Well no:	1
Field:	Not Reported	Cagasoil m2 area:	Not Reported
Map:	610	Status cod:	006
Source:	HUD		
Latitude:	38.09058		
Longitude:	-121.3802		
Td:	0		
Sec:	24		
Twn:	3N	Rge:	5E
Bm:	MD		
X coord:	0		
Y coord:	0		
Zone:	Not Reported	Spuddate:	06/27/2007 00:00:00
Abanddate:	09/28/2007 00:00:00	Comments:	Not Reported
District:	6	Site id:	CAOG40000189885

WNW
0 - 1/8 Mile

OIL_GAS CAOG40000189875

Apinumber:	07720568	Operator:	Northern California Power Agency
Lease:	Lodi Stig	Well no:	1
Field:	Not Reported	Cagasoil m2 area:	Not Reported
Map:	610	Status cod:	006
Source:	HUD		
Latitude:	38.08887		
Longitude:	-121.38683		
Td:	0		
Sec:	24		
Twn:	3N	Rge:	5E

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bm:	MD	Spuddate:	06/27/2007 00:00:00
X coord:	0	Comments:	Not Reported
Y coord:	0	Site id:	CAOG40000189875
Zone:	Not Reported		
Abanddate:	09/28/2007 00:00:00		
District:	6		

SSW
1/2 - 1 Mile

OIL_GAS **CAOG40000189843**

Apinumber:	07700509	Operator:	Federal Oil Co.
Lease:	Federal Imeson	Well no:	1
Field:	Not Reported	Cagasoil m2 area:	Not Reported
Map:	610	Status cod:	006
Source:	HUD		
Latitude:	38.08112		
Longitude:	-121.38845		
Td:	0		
Sec:	26		
Twn:	3N	Rge:	5E
Bm:	MD		
X coord:	0		
Y coord:	0		
Zone:	Not Reported	Spuddate:	06/27/2007 00:00:00
Abanddate:	09/28/2007 00:00:00	Comments:	Not Reported
District:	6	Site id:	CAOG40000189843

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
95242	7	3	42.86

Federal EPA Radon Zone for SAN JOAQUIN County: 3

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

Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

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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PHASE 1 ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE
 (from ASTM E 1527, E 1528 and State of California E.P.A.)

Instructions: Please complete this questionnaire regarding property history and use. Information noted here will help determine if past operation practices and significant historical events that occurred at the facility indicate potential areas of contamination.

SITE NAME / PROPERTY LOCATION WHITE SLOUGH WASTE WATER PLANT, SAN JOAQUIN COUNTY, CA

	YES	NO
1. Has an environmental assessment and/or a site investigation report ever been completed for the <i>property</i> ?		
2. Do you have knowledge of any <i>environmental site assessment</i> of the <i>property</i> or facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ?		X
3. To the best of your knowledge, <u>has</u> the <i>property</i> or any <i>adjoining property</i> been used for an industrial use in the past?		X
4. <u>Is</u> the <i>property</i> or any <i>adjoining property</i> currently used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X
5. To the best of your knowledge <u>has</u> the <i>property</i> or any <i>adjoining property</i> been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X
6. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the <i>property</i> or at the facility?		X
7. Are there currently, or to the best of your knowledge have there been previously, any industrial <i>drums</i> (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?		X
8. Has <i>fill dirt</i> been brought onto the property that originated from a contaminated site or that is of an unknown origin?		X
9. Are there currently, or to the best of your knowledge have there been previously, any <i>pits, ponds, or lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	X	
10. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the <i>property</i> ?		
11. Are there currently, or to the best of you knowledge have there been previously, any registered or unregistered <u>aboveground</u> storage tanks located on the <i>property</i> ?		X
12. Are there currently, or to the best of you knowledge have there been		

Unknown

X

X

PHASE I ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE
(from ASTM E 1527, E 1528 and State of California E.P.A.)

Instructions: Please complete this questionnaire regarding property history and use. Information noted here will help determine if past operation practices and significant historical events that occurred at the facility indicate potential areas of contamination.

SITE NAME / PROPERTY LOCATION WHITE SLOUGH WASTE WATER PLANT, SAN JOAQUIN COUNTY, CA

	YES	NO
previously, any registered or unregistered <u>underground</u> storage tanks located on the <i>property</i> ?		X
13. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ?		X
14. Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within building(s)/facility(s) that are stained by substances other than water or are emitting foul odors?		X
15. To your knowledge, has any contaminated soil been discovered and/or remediated at the <i>property</i> with or without oversight by an appropriate regulatory agency?		X
16. If the <i>property</i> is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?		X
17. Do you have any knowledge of governmental notification relating to past or recurrent violations of environmental laws with respect to the <i>property</i> or any facility located on the <i>property</i> ?		X
18. To your knowledge or to the knowledge of the <i>owner</i> or <i>occupant</i> of the <i>property</i> are there any <i>deed restrictions</i> regarding subsurface excavations or recognized environmental conditions on the <i>property</i> ?		X
19. Are you aware of any environmental cleanup liens against the <i>property</i> that are filed or recorded under federal, tribal, state or local law?		X
20. Are you aware of any Activity or Land Use Limitations (AULs), such as engineering controls, land use restrictions or <i>institutional controls</i> that are in place at the site <i>and/or</i> have been filed or recorded in a registry under federal, tribal, state or local law?		X
21. Do you know if the <i>owner</i> or <i>occupant</i> of the <i>property</i> has been informed of the past or current existence of <i>hazardous substances</i> or <i>petroleum products</i> or environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?		X
22. To your knowledge, have areas of the <i>property</i> that contain <i>hazardous materials</i> ever been flooded?		X

PHASE 1 ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE

(from ASTM E 1527, E 1528 and State of California E.P.A.)

Instructions: Please complete this questionnaire regarding property history and use. Information noted here will help determine if past operation practices and significant historical events that occurred at the facility indicate potential areas of contamination.

SITE NAME / PROPERTY LOCATION WHITE SLOUGH WASTE WATER PLANT SAN JOAQUIN COUNTY, CA

	YES	NO
23. To your knowledge, has the <i>property</i> ever been damaged by an earthquake that could cause contamination?		X
24. To your knowledge, have there been fires and/or explosions at the <i>property</i> which may have caused a release of hazardous waste or materials?		X
25. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> by any owner or occupant of the <i>property</i> ?		X
26. Does the <i>property</i> discharge waste water on or adjacent to the <i>property</i> other than storm water into a sanitary sewer system?	X	
27. To the best of your knowledge, have any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the <i>property</i> ?		X
28. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X
29. Is the property currently being used, or the best of your knowledge has the property been used previously for agricultural purposes?	X	
30. If the property is currently or was historically used for agricultural purposes, to the best of your knowledge, was there any use of chemicals such as fertilizers, herbicides, pesticides or others?		
31. As the user of this <i>ESA</i> do you have any specialized knowledge or experience related to the <i>property</i> or <i>nearby properties</i> ? For example, are you involved in the same line of business as the current or former occupants of the <i>property</i> or <i>any adjoining property</i> so that you would have specialized knowledge of the chemicals and processes used by this type of business?	NA	NA
32. Does the purchase price being paid for this <i>property</i> reasonably reflect the fair market value of the <i>property</i> ? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the <i>property</i> ?		

Unknown

X

X

PHASE 1 ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE
(from ASTM E 1527, E 1528 and State of California E.P.A.)

Instructions: Please complete this questionnaire regarding property history and use. Information noted here will help determine if past operation practices and significant historical events that occurred at the facility indicate potential areas of contamination.

SITE NAME / PROPERTY LOCATION WHITE SLOUGH WASTE WATER PLANT, SAN JOAQUIN COUNTY, CA

	YES	NO
--	-----	----

33. As the user of this ESA, based on your knowledge and experience related to the <i>property</i> are there any obvious indicators that point to the presence or likely presence of contamination at the <i>property</i> ?	NA	NA
---	----	----

Additional Comments/Explanations for Yes Responses:

This questionnaire was completed by:

Name Del Kerlin
 Title Wastewater Treatment Supt.
 Firm City of Lodi
 Address 12751 North Thornton Rd.
Lodi, CA 95242

Phone number 209-333-6749
 Date June 16, 2008

PHASE 1 ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE
(from ASTM E 1527 - 05)

Instructions: Please complete this questionnaire regarding property history and use. Information noted here will help determine if past operation practices and significant historical events that occurred at the facility indicate potential areas of contamination.

SITE NAME / PROPERTY LOCATION: WHITE SLOUGH WASTE WATER PLANT, SAN JOAQUIN COUNTY, CA

	YES	NO
--	-----	----

1. Are you aware of any environmental cleanup liens against the <i>property</i> that are filed or recorded under federal, tribal, state or local law?		/
2. Are you aware of any Activity or Land Use Limitations (AULs), such as engineering controls, land use restrictions or <i>institutional controls</i> that are in place at the site <i>and/or</i> have been filed or recorded in a registry under federal, tribal, state or local law?		/
3. As the user of this <i>ESA</i> do you have any specialized knowledge or experience related to the <i>property</i> or <i>nearby properties</i> ? For example, are you involved in the same line of business as the current or former occupants of the <i>property</i> or <i>any adjoining property</i> so that you would have specialized knowledge of the chemicals and processes used by this type of business?	/	
4. Does the purchase/lease price being paid for this <i>property</i> reasonably reflect the fair market value of the <i>property</i> ? If you conclude that there is a difference, have you considered whether the lower price is because contamination is known or believed to be present at the <i>property</i> ?		/
5. As the user of this <i>ESA</i> , based on your knowledge and experience related to the <i>property</i> are there any obvious indicators that point to the presence or likely presence of contamination at the <i>property</i> ?		/
6. Are you aware of commonly known or <i>reasonably ascertainable</i> information about the <i>property</i> that would help Carlton Engineering to identify conditions indicative of releases or threatened releases? For example, as the user of this <i>ESA</i> , <ul style="list-style-type: none"> • Do you know the past uses of the <i>property</i>? • Do you know of specific chemicals that are present or once were present at the <i>property</i>? • Do you know of spills or other chemical releases that have taken place at the <i>property</i>? • Do you know of any environmental cleanups that have taken place at the <i>property</i>? 		/

PHASE 1 ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE
(from ASTM E 1527 - 05)

SITE NAME / PROPERTY LOCATION WHITE SLOUGH WASTE WATER PLANT, SAN JOAQUIN COUNTY, CA

Additional Comments/Explanations for Yes Responses:

3. NCPA OWNS AND OPERATES A POWER GENERATING FACILITY
ADJACENT TO THE LAND IN QUESTION.

This questionnaire was completed by:

Name SCOTT AESTRUP

Title OPERATOR/TECHNICIAN

Firm NCPA

Address 12745 N. THORNTON Rd.
LODI, CA 95242

Phone number (209) 333-6372

Date 6/18/08



NCPA Lodi Energy Center

12745 N. Thornton Road
Lodi, CA 95242

Inquiry Number: 2229783.5

May 29, 2008

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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

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

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Date EDR Searched Historical Sources:

Aerial Photography May 29, 2008

Target Property:

12745 N. Thornton Road

Lodi, CA 95242

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1957	Aerial Photograph. Scale: 1"=555'	Flight Year: 1957	Cartwright
1963	Aerial Photograph. Scale: 1"=555'	Flight Year: 1963	Mark Hurd
1984	Aerial Photograph. Scale: 1"=690'	Flight Year: 1984	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2002	Aerial Photograph. Scale: 1"=416'	Flight Year: 2002	Pacific Air
2005	Aerial Photograph. Scale: 1"=484'	Flight Year: 2005	EDR



INQUIRY #: 2229783.5

YEAR: 1957

 = 555'





INQUIRY #: 2229783.5

YEAR: 1963

| = 555'





INQUIRY #: 2229783.5

YEAR: 1984

| = 690'





INQUIRY #: 2229783.5

YEAR: 1993

— = 666'





INQUIRY #: 2229783.5

YEAR: 1998

| = 666'





INQUIRY #: 2229783.5

YEAR: 2002

— = 416'





INQUIRY #: 2229783.5

YEAR: 2005

— = 484'





1970-
1977
USDA
SCS/
USGS
Photo



NCPA Lodi Energy Center

12745 N. Thornton Road
Lodi, CA 95242

Inquiry Number: 2229783.4

May 28, 2008

The EDR Historical Topographic Map Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
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.

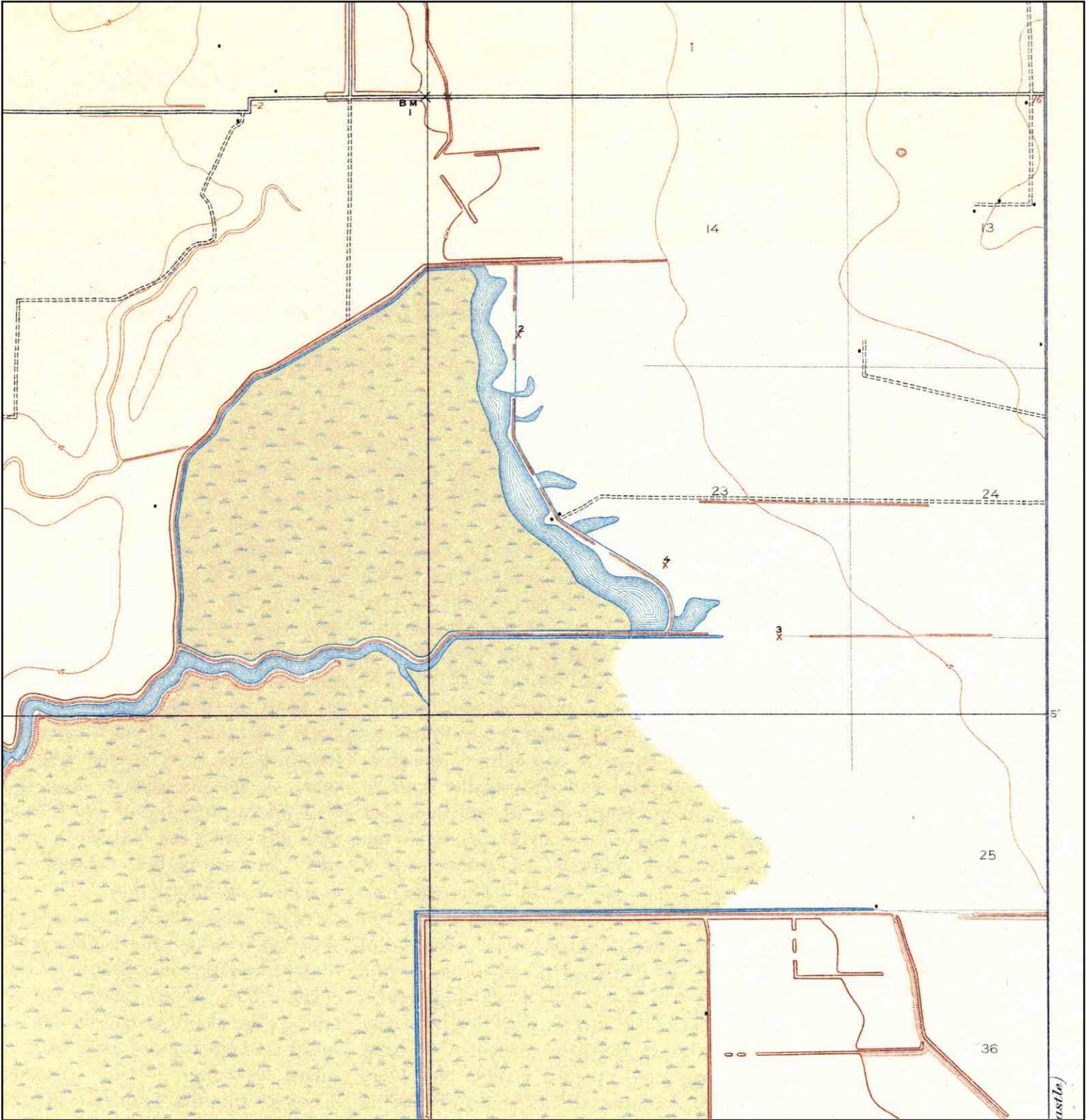
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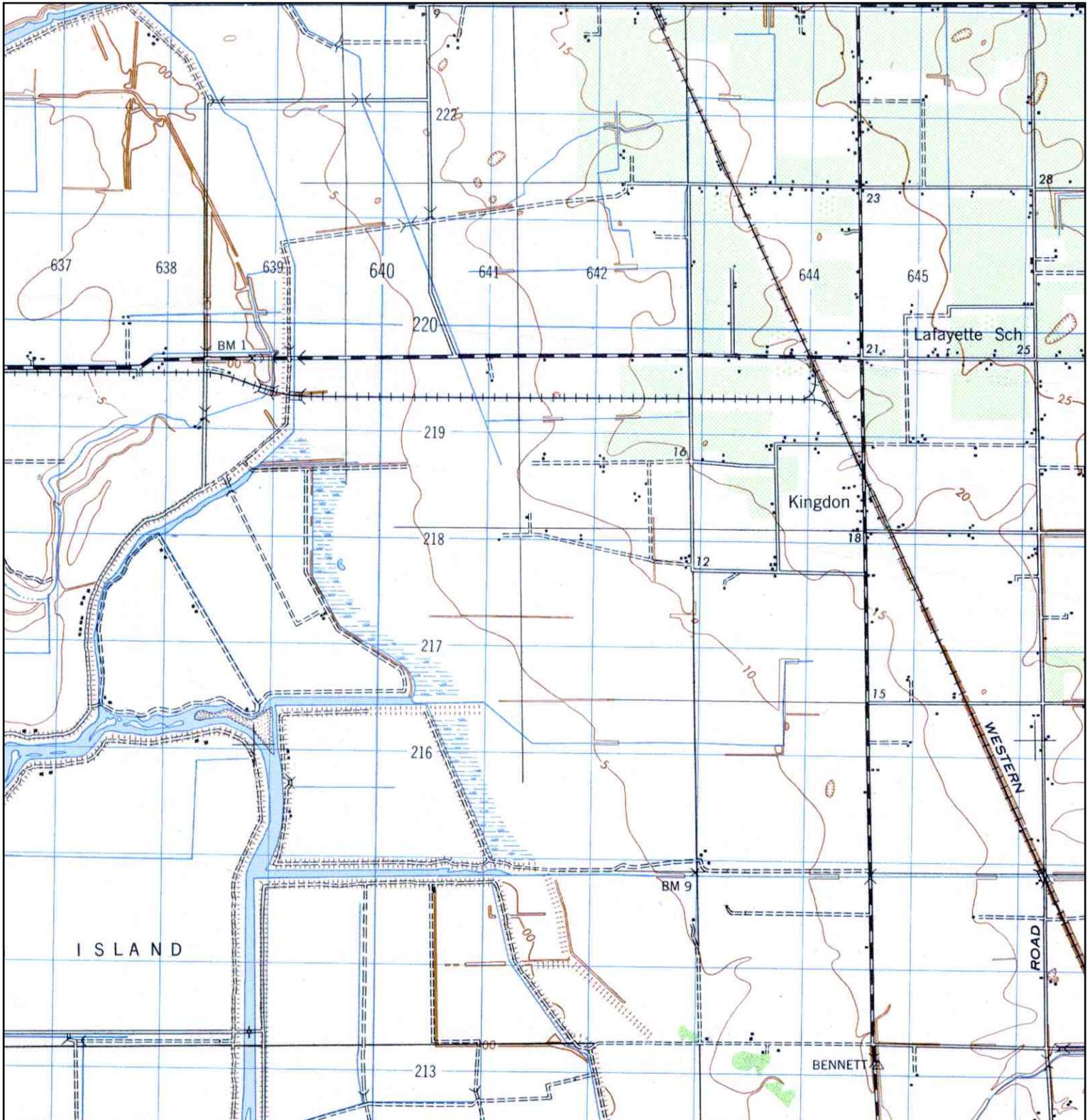
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Historical Topographic Map



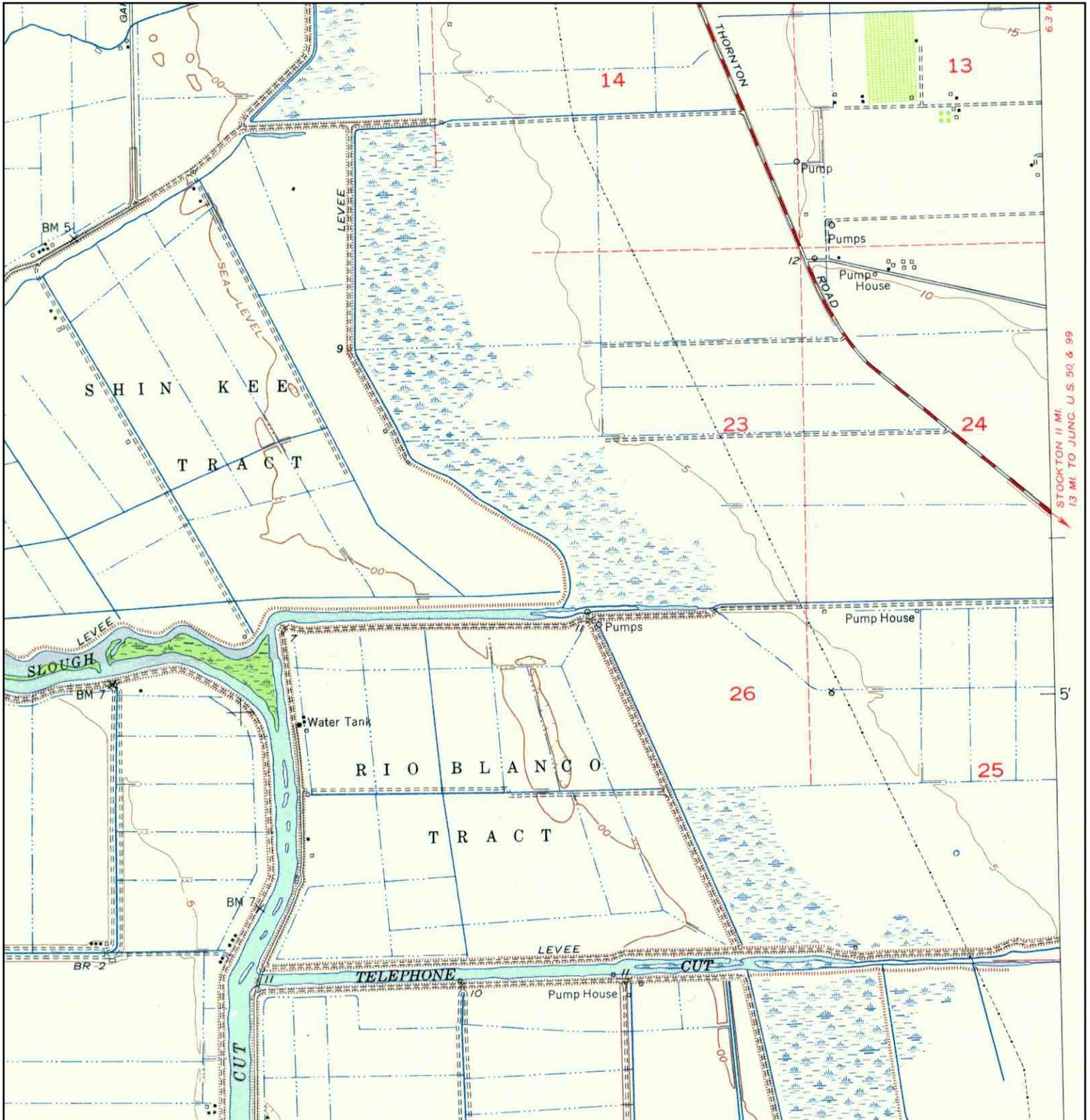
	TARGET QUAD	SITE NAME: NCPA Lodi Energy Center	CLIENT: Carlton Engineering
	NAME: HEADREACH	ADDRESS: 12745 N. Thornton Road	CONTACT: Mike Vander Dussen
	MAP YEAR: 1910	Lodi, CA 95242	INQUIRY#: 2229783.4
	SERIES: 7.5	LAT/LONG: 38.0881 / 121.386	RESEARCH DATE: 05/28/2008
	SCALE: 1:31680		

Historical Topographic Map



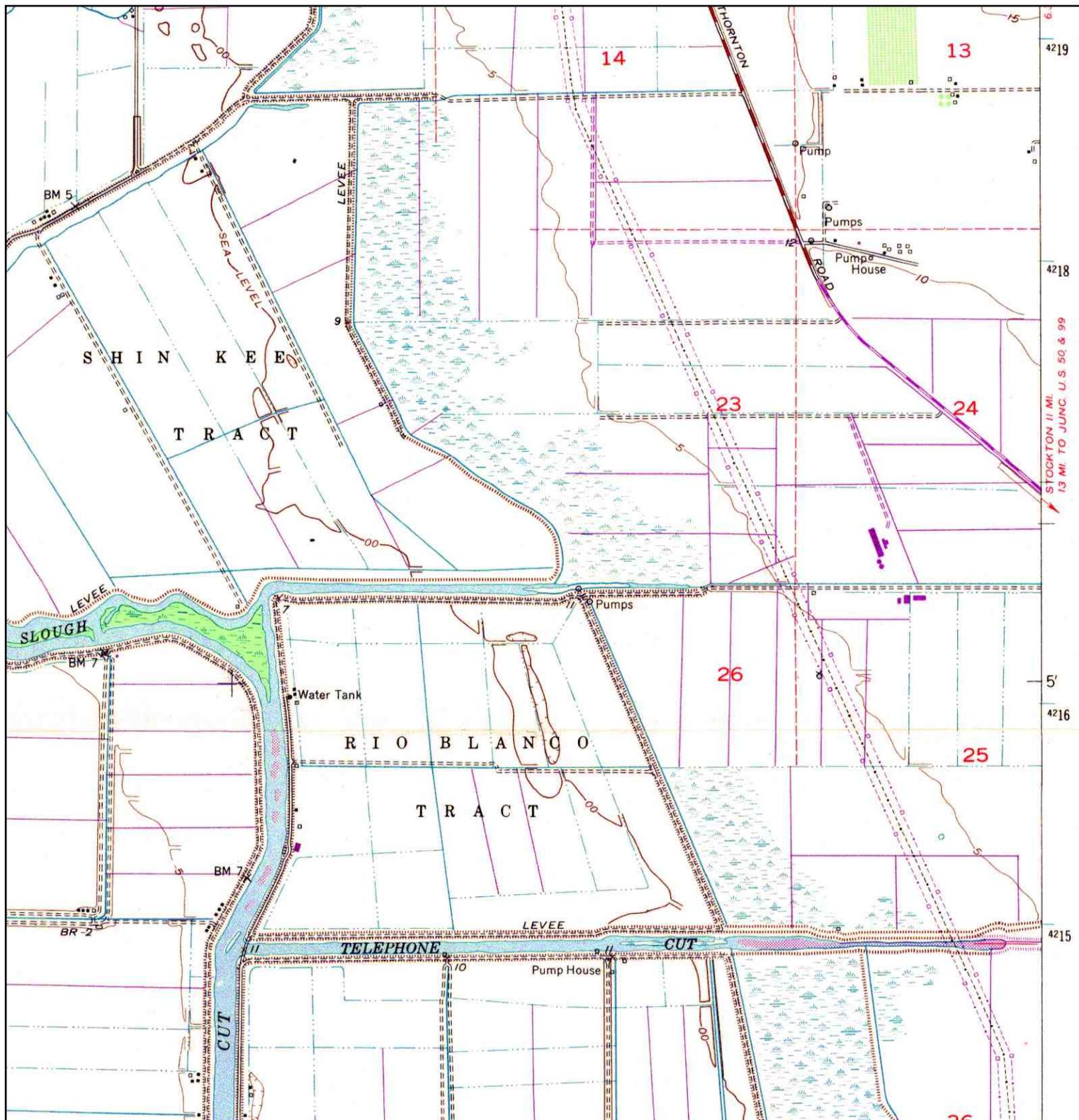
	TARGET QUAD	SITE NAME: NCPA Lodi Energy Center	CLIENT: Carlton Engineering
	NAME: LODI	ADDRESS: 12745 N. Thornton Road	CONTACT: Mike Vander Dussen
	MAP YEAR: 1947	Lodi, CA 95242	INQUIRY#: 2229783.4
		LAT/LONG: 38.0881 / 121.386	RESEARCH DATE: 05/28/2008
	SERIES: 15		
	SCALE: 1:50000		

Historical Topographic Map



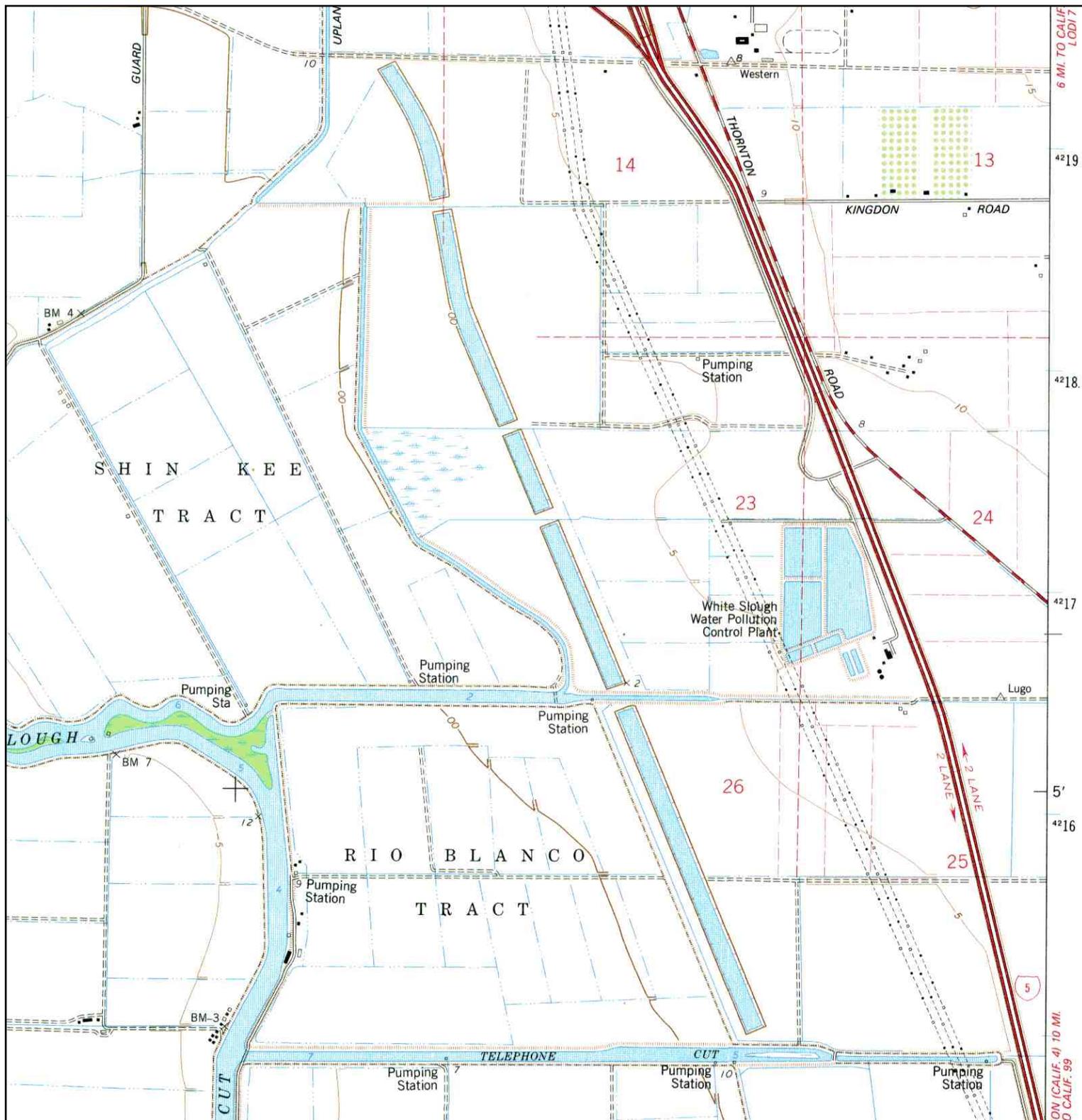
<p>N ↑</p>	<p>TARGET QUAD NAME: TERMINOUS MAP YEAR: 1952</p>	<p>SITE NAME: NCPA Lodi Energy Center ADDRESS: 12745 N. Thornton Road Lodi, CA 95242 LAT/LONG: 38.0881 / 121.386</p>	<p>CLIENT: Carlton Engineering CONTACT: Mike Vander Dussen INQUIRY#: 2229783.4 RESEARCH DATE: 05/28/2008</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

Historical Topographic Map



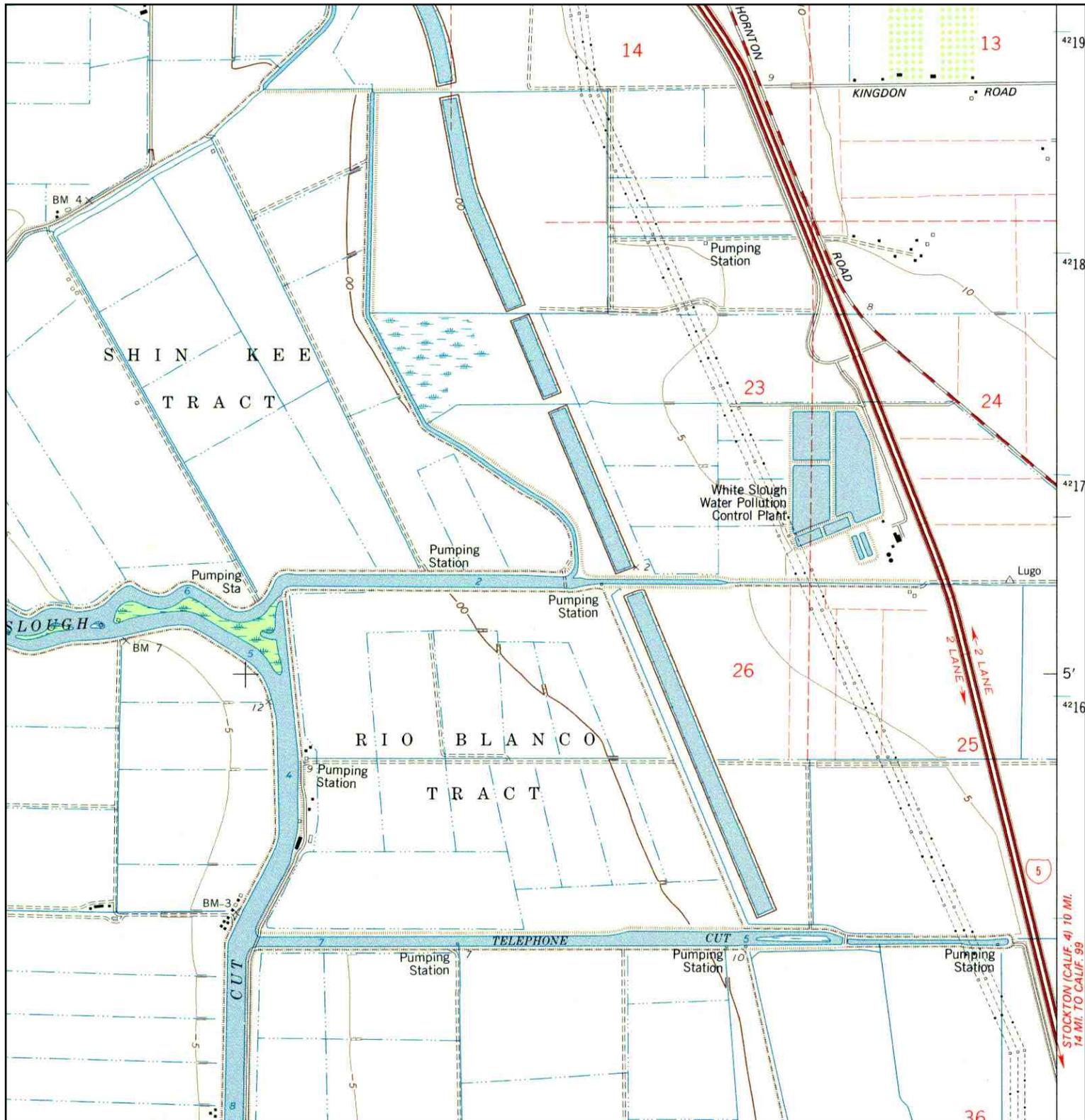
	TARGET QUAD	SITE NAME:	NCPA Lodi Energy Center	CLIENT:	Carlton Engineering
	NAME: TERMINOUS	ADDRESS:	12745 N. Thornton Road	CONTACT:	Mike Vander Dussen
	MAP YEAR: 1968		Lodi, CA 95242	INQUIRY#:	2229783.4
	PHOTOREVISED FROM: 1952	LAT/LONG:	38.0881 / 121.386	RESEARCH DATE:	05/28/2008
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: TERMINOUS MAP YEAR: 1978</p>	<p>SITE NAME: NCPA Lodi Energy Center ADDRESS: 12745 N. Thornton Road Lodi, CA 95242 LAT/LONG: 38.0881 / 121.386</p>	<p>CLIENT: Carlton Engineering CONTACT: Mike Vander Dussen INQUIRY#: 2229783.4 RESEARCH DATE: 05/28/2008</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

Historical Topographic Map



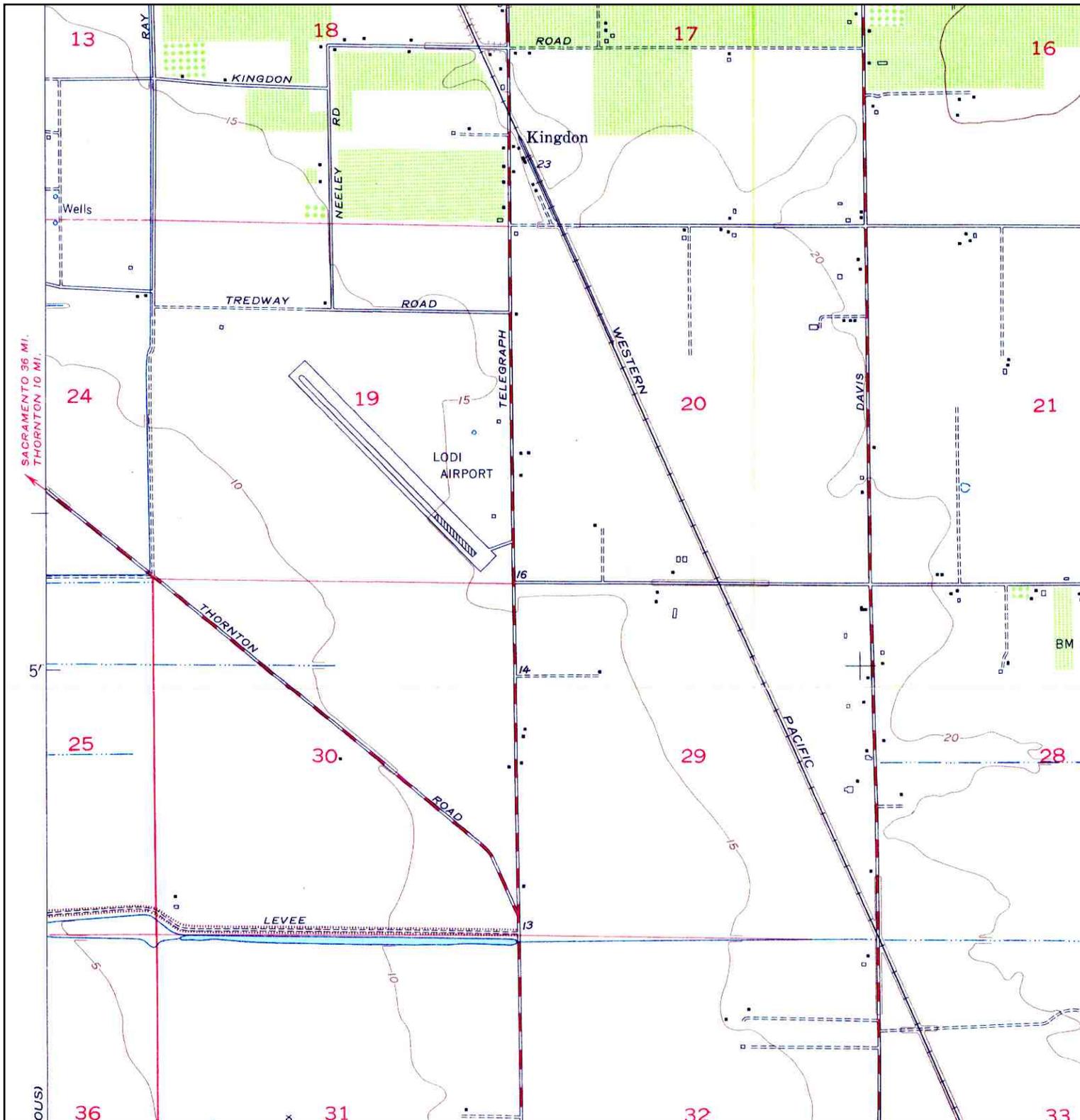
	TARGET QUAD	SITE NAME:	NCPA Lodi Energy Center	CLIENT:	Carlton Engineering
	NAME: TERMINOUS	ADDRESS:	12745 N. Thornton Road	CONTACT:	Mike Vander Dussen
	MAP YEAR: 1993	LAT/LONG:	38.0881 / 121.386	INQUIRY#:	2229783.4
	REVISED FROM: 1978			RESEARCH DATE:	05/28/2008
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



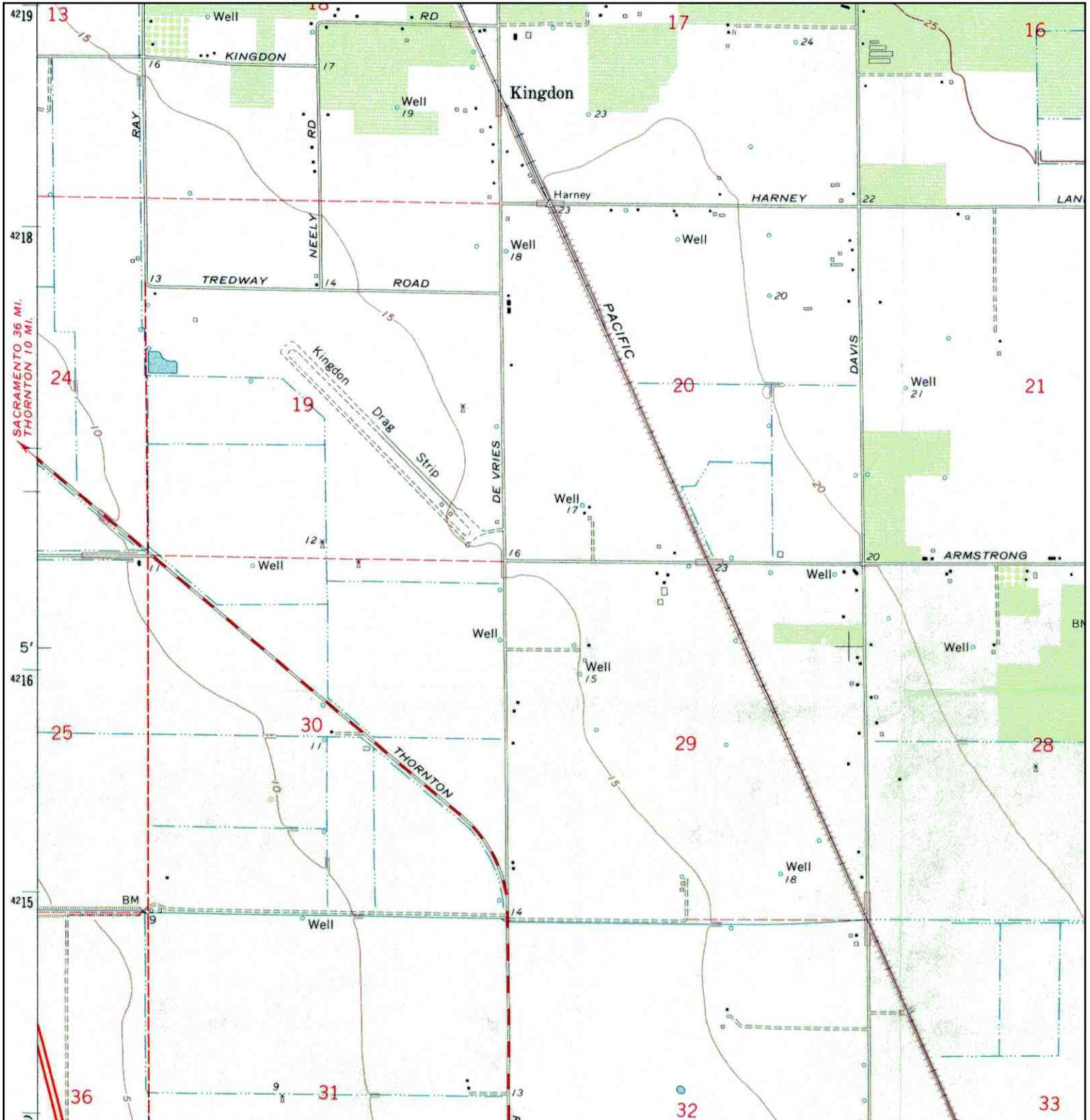
N ↑	ADJOINING QUAD NAME: CASTLE MAP YEAR: 1910	SITE NAME: NCPA Lodi Energy Center ADDRESS: 12745 N. Thornton Road Lodi, CA 95242 LAT/LONG: 38.0881 / 121.386	CLIENT: Carlton Engineering CONTACT: Mike Vander Dussen INQUIRY#: 2229783.4 RESEARCH DATE: 05/28/2008
	SERIES: 7.5 SCALE: 1:31680		

Historical Topographic Map



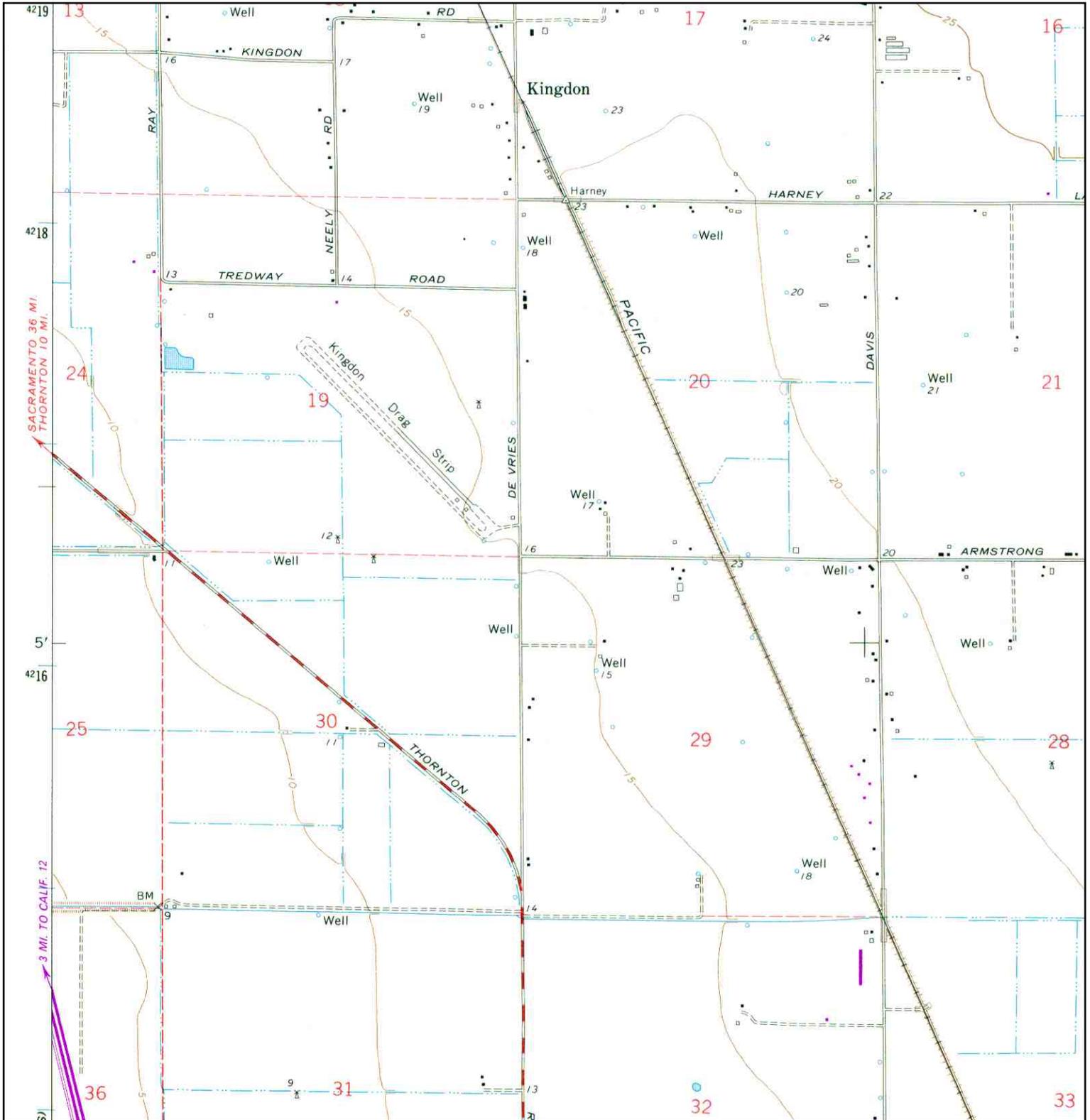
	ADJOINING QUAD NAME: Lodi South MAP YEAR: 1953	SITE NAME: NCPA Lodi Energy Center ADDRESS: 12745 N. Thornton Road Lodi, CA 95242 LAT/LONG: 38.0881 / 121.386	CLIENT: Carlton Engineering CONTACT: Mike Vander Dussen INQUIRY#: 2229783.4 RESEARCH DATE: 05/28/2008
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



	ADJOINING QUAD NAME: LODI SOUTH MAP YEAR: 1968	SITE NAME: NCPA Lodi Energy Center ADDRESS: 12745 N. Thornton Road Lodi, CA 95242 LAT/LONG: 38.0881 / 121.386	CLIENT: Carlton Engineering CONTACT: Mike Vander Dussen INQUIRY#: 2229783.4 RESEARCH DATE: 05/28/2008
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



	ADJOINING QUAD	SITE NAME:	NCPA Lodi Energy Center	CLIENT:	Carlton Engineering	
	NAME:	LODI SOUTH	ADDRESS:	12745 N. Thornton Road	CONTACT:	Mike Vander Dussen
	MAP YEAR:	1976		Lodi, CA 95242	INQUIRY#:	2229783.4
	PHOTOREVISED FROM:	1968	LAT/LONG:	38.0881 / 121.386	RESEARCH DATE:	05/28/2008
	SERIES:	7.5				
	SCALE:	1:24000				



The EDR Environmental Lien Search Report

**NCPA LODI ENERGY CENTER
12745 NORTH THORNTON ROAD
LODI, CALIFORNIA**

Tuesday, July 15, 2008

Project Number: L08-03771

The Standard In Environmental Risk Management Information

440 Wheelers Farm Road
Milford, Connecticut 06460

Nationwide Customer Service

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

ENVIRONMENTAL LIEN REPORT

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

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

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

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

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ENVIRONMENTAL LIEN REPORT

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

TARGET PROPERTY INFORMATION

ADDRESS

**NCPA Lodi Energy Center
12745 North Thornton Road
Lodi, California**

RESEARCH SOURCE

Source: San Joaquin County Assessor
San Joaquin County Recorder

DEED INFORMATION

Type of Instrument: Deed

Title is vested in: City of Lodi, a municipal corporation of the sixth class of the County of San Joaquin, State of California

Title received from: George William Emde and Elizabeth W. Emde, husband and wife

Deed Dated: 11/13/1946
Deed Recorded: 11/29/1946
Book: 1023
Page: 463

LEGAL DESCRIPTION

All that certain piece or parcel of land being 160 acres out of Sections 23 and 24, Township 3 North, Range 5 East of the Mt Diablo Principal Meridian, San Joaquin County, State of California

Assessor's Parcel Number(s): 055-130-16

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found Not Found

IN CONSIDERATION of Ten (10.00) Dollars EVALYN P. CURTIS, a widow, of the County of San Joaquin, State of California Does Hereby Grant to WILFRED L. JOHNSON and ALICE L. JOHNSON, his wife, As Joint Tenants all that Real Property situate in the County of San Joaquin, State of California, described as follows:

Lot 25, in Block 8 of CITY PARK GARDENS, according to the Official Map or Plat thereof filed for record August 7, 1918 in Book of Maps and Plats, Vol. 9, page 40, San Joaquin County Records. (Consideration less than One Hundred Dollars.)

WITNESS my hand this 21st day of November, 1946
STATE OF CALIFORNIA,)
COUNTY OF SAN JOAQUIN) ss.
On this 21st day of November, 1946, before me, Gladys C Walton a Notary Public in and for said County and State, personally appeared EVALYN P. CURTIS, a widow known to me to be the person described in and whose name is subscribed to the within instrument, and acknowledged that she executed the same.

WITNESS my hand and official seal the day and year in this certificate first above written.
(Notary Seal) Gladys C Walton, Notary Public in and for said County and State. My commission expires Dec 31 1946

#56685 Recorded at Request of SECURITY TITLE TRS. & GUAR. COMPANY 22 1946 at 20 min. past 11 o'clock A.M. in Book of Official Records Vol. 1023 page 463 San Joaquin County Records.
Fees:\$1.00 John D. Finney, Recorder

#####

COMPARED

THIS INSTRUMENT made the 13th day of November one thousand nine hundred and forty-six BETWEEN GEORGE WILLIAM ENDE and ELIZABETH W. ENDE, his wife, both of the County of San Joaquin, State of California, the parties of the first part, and CITY OF LODI, a municipal Corporation of the Sixth Class of the County of San Joaquin, State of California, the party of the second part,

WITNESSETH: That the said parties of the first part, in consideration of the sum of One and no/100 dollars, lawful money of the United States of America, to them in hand paid by the party of the second part, the receipt whereof is hereby acknowledged, do hereby release and forever WARRANT unto the party of the second part, and to its successors and assigns, all that certain lot, piece, or parcel of land situate in the County of San Joaquin State of California, and bounded and described as follows,

to-wit: Beginning at the Southeast corner of Section Twenty-four (24), Township Three (3) North, Range Five (5) East, Mount Diablo Base and Meridian; thence running North 49° 40' West to the point of intersection with the North line of the Southwest quarter of said Section 24; thence Westerly along said Northerly line to the Northeasterly corner of the Southeast quarter of Section 24 of the above mentioned Township and Range; thence Westerly along the Northerly line of said Southeast quarter to the quarter-quarter corner thereof; thence Southerly to the Southwest corner of the Southeast quarter of the Southeast quarter of said Section 24; thence along the Southerly line of said Section 24 and along the Southerly line of the aforesaid Section 24 to the point of beginning, containing 203.44 acres. (No revenue stamps required Glenn West Notary Public.)

TOGETHER with the tenements, hereditaments, and appurtenances therunto belonging or pertaining, and the reversion and reversions, remainder and remainders, rents, issues, and profits thereof.

TO HAVE AND TO HOLD the said premises, together with the appurtenances, unto the party of the second part, and to its successors and assigns forever.

IN WITNESS WHEREOF the parties of the first part have executed this conveyance the day and year first above written.

Signed and Delivered in the Presence of--- George William Ende Elizabeth W. Ende

STATE OF CALIFORNIA,)
County of San Joaquin) ss.
On this 13th day of November in the year of our Lord one thousand nine hundred

and forty-six, before me, GLENN WEST a Notary Public in and for the said County of San Joaquin, State of California, residing therein, duly commissioned and sworn, personally appeared GEORGE WILLIAM EMDE and ELIZABETH W. EMDE, his wife, known to me to be the persons described in and whose names are subscribed to the within instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in said County of San Joaquin the day and year in this certificate first above written.

(Notary Seal)

Glenn West, Notary Public in and for the County of San Joaquin, State of California. My commission expires March 5 1949

RESOLUTION NO. 825
RESOLUTION AUTHORIZING THE CITY CLERK TO CONSENT TO THE ACCEPTANCE OF DEED AND/OR GRANTS FOR AND ON BE-HALF OF THE CITY OF LODI.

RESOLVED, that J.F. BLAKELY, City Clerk of the City of Lodi, be and he is hereby authorized to consent to the acceptance of deeds and grants affecting real estate or any interest therein or easements thereon for and on behalf of the City of Lodi, so that the same may be filed for record in any County or City and County in this State.

This resolution is passed and adopted in accordance with Section 1130 of the Civil Code of the State of California as said section was amended by the statute of 1935, Chapter 107.

Certified to be a full, true and correct copy of Resolution No. 825 of the City Council of the City of Lodi as adopted January 6, 1936 and that the same has not been rescinded or revoked and is now in full force and effect.

DATED: November 14, 1946

(Seal)

J.F. Blakely, City Clerk

I J. F. BLAKELY, do hereby certify that I am the duly elected, qualified and acting City Clerk of the City of Lodi mentioned in the foregoing Resolution No. 825 and that I do hereby accept, for and on behalf of said City of Lodi the within UNDECLAIMED DEED from George William Emde and Elizabeth W. Emde, his wife.

DATED at Lodi, California this 14th day of November, 1946.

(Seal)

J.F. Blakely, City Clerk.

#36778 Recorded at Request of CITY OF LODI Nov 22, 1946 at 19 min. past 3 o'clock P.M., in Book of Official Records Vol. 1078 page 463 San Joaquin County Records.

Fccs:JDh

Joan D. Finney, Recorder

COMPAKED

~~THIS INSTRUMENT made the 14th day of November one thousand nine hundred and forty-six BETWEEN CITY OF LODI, a Municipal Corporation of the Sixth Class, of the County of San Joaquin, State of California, the party of the first part, and GEORGE WILLIAM EMDE of San Joaquin County, California, the party of the second part, WITNESSETH: That the said party of the first part, in consideration of the sum of _____ money of the United States of America, to it in hand paid by the party of the second part, the receipt whereof is hereby acknowledged, does hereby release and forever UNDECLAIM unto the party of the second part, and to his heirs and assigns, all those certain lots, pieces, or parcels of land or rights in land, situate in the County of San Joaquin, State of California, and bounded and described as follows,~~

NCPA Lodi Energy Center

12745 N. Thornton Road
Lodi, CA 95242

Inquiry Number: 2229783.6
May 30, 2008

The EDR-City Directory Abstract



Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR City Directory Abstract

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

Thank you for your business.

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

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1959 through 2007. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: May 30, 2008

Target Property:

12745 N. Thornton Road
Lodi, CA 95242

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1959	Street Not Listed in Research Source	Polk's City Directory
1966	Street Not Listed in Research Source	Polk's City Directory
1972	Street Not Listed in Research Source	Polk's City Directory
1978	Street Not Listed in Research Source	Polk's City Directory
1983	Street Not Listed in Research Source	Polk's City Directory
1988	Street Not Listed in Research Source	Polk's City Directory
1993	Street Not Listed in Research Source	Polk's City Directory
1998	Address Not Listed in Research Source	Polk's City Directory
2003	Address Not Listed in Research Source	Polk's City Directory
2007	Address Not Listed in Research Source	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Lodi, CA 95242

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1959	Street Not Listed in Research Source	Polk's City Directory
1966	Street Not Listed in Research Source	Polk's City Directory
1972	Street Not Listed in Research Source	Polk's City Directory
1978	Street Not Listed in Research Source	Polk's City Directory
1983	Street Not Listed in Research Source	Polk's City Directory
1988	Street Not Listed in Research Source	Polk's City Directory
1993	Street Not Listed in Research Source	Polk's City Directory
1998	<u>**N THORNTON RD**</u>	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1998	Northern Calif Power Agcy (12751)	Polk's City Directory
	No other addresses listed between 11789 and 13436	Polk's City Directory
2003	<u>**N THORNTON RD**</u>	Polk's City Directory
	Lodi Wastewater Treatment (12751)	Polk's City Directory
	Northern Calif Power Agcy (12751)	Polk's City Directory
	No other addresses listed between 11789 and 13436	Polk's City Directory
2007	<u>**N THORNTON RD**</u>	Polk's City Directory
	Lodi Wastewater Treatment (12751)	Polk's City Directory
	Northern Calif Power Agcy (12751)	Polk's City Directory
	No other addresses listed between 11685 and 13436	Polk's City Directory



Fidelity National Title Company OF CALIFORNIA

PRELIMINARY REPORT

*In response to the application for a policy of title insurance referenced herein, **Fidelity National Title Company of California** hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.*

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

The policy(s) of title insurance to be issued hereunder will be policy(s) of Fidelity National Title Insurance Company, a California corporation.

Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.

Allen Strickland
Countersigned

FIDELITY NATIONAL TITLE COMPANY OF CALIFORNIA



BY *[Signature]*
President

ATTEST *[Signature]*
Secretary



Fidelity National Title Company OF CALIFORNIA

ISSUING OFFICE: 2720 Transworld Drive, Suite 100 • Stockton, CA 95207
209 932-5800 • FAX 209 234-2370

FOR SETTLEMENT INQUIRIES, CONTACT: Fidelity National Title Company of California - Lodi
2111 W. Kettleman Lane, Suite A • Lodi, CA 95242
209 368-2434 • FAX 209 368-2459

PRELIMINARY REPORT

Title Officer: Sonja Iverson
Escrow Officer: Kandy Gaines
Escrow No.: 08-**317495**-KG

Title No.: 08-**317495**-SI
Locate No.: CAFNT0939-0939-0003-0000317495

TO: Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

ATTN: Roxana Khayyam

SHORT TERM RATE: No

PROPERTY ADDRESS: 12299, 12351 and 12751 N. Thornton Road, Lodi, California

EFFECTIVE DATE: April 29, 2008, 07:30 A.M.

The form of policy or policies of title insurance contemplated by this report is:

ALTA Homeowner's Policy of Title Insurance For a One-To-Four Family Residence (10/22/03)
ALTA Loan Policy (6/17/06)

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

A Fee

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

City of Lodi, a Municipal Corporation

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

BA\RC 05/12/2008

LEGAL DESCRIPTION

EXHIBIT "A"

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF LODI, COUNTY OF SAN JOAQUIN, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

Beginning at the Southeast corner of Section twenty-four (24), Township Three (3) North, Range five (5) East, Mount Diablo Base and Meridian; thence running North 49° 48' West to the point of intersection with the North line of the Southwest 1/4 of said Section twenty-four (24); thence Westerly along said Northerly line to the Northeasterly corner of the Southeast 1/4 Section twenty-three (23) of the above mentioned Township and Range; thence Westerly along the Northerly line of said Southeast 1/4 to the 1/4 1/4 corner thereof; thence Southerly to the Southwest corner of the Southeast 1/4 of the Southeast 1/4 of said Section twenty- three (23); thence along the Southerly line of said Section twenty-three (23) and along the Southerly line of the aforesaid Section 24 to the point of beginning.

Except therefrom that portion of land as described in the deed to the State of California, recorded May 15, 1968, in Recorder's Instrument No. 21018.

APN: 055-130-04, 055-130-13, 055-130-16

AT THE DATE HEREOF, ITEMS TO BE CONSIDERED AND EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:

1. **Property taxes**, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2008-2009.
2. **The lien of supplemental taxes**, if any, assessed pursuant to the provisions of Chapter 3.5 (Commencing with Section 75) of the Revenue and Taxation code of the State of California.
3. **Taxes and assessments** levied by the Sacramento-San Joaquin Drainage District.
4. **Taxes and assessments** levied by the Woodbridge Irrigation District.
5. **Rights of the public** as to any portion of the land lying within the area commonly known as Thornton Road.
6. **Easement(s)** for the purpose(s) shown below and rights incidental thereto as reserved in a document;

Reserved by: George W. Emde and Elizabeth W. Emde
Purpose: Right of way for the driving of cattle and other livestock
Recorded: June 19, 1944, Book 882, Page 161, of Official Records
Affects: A portion
7. **Easement(s)** for the purpose(s) shown below and rights incidental thereto as granted in a document.

Granted to: The United States of America
Purpose: Electric transmission lines
Recorded: March 7, 1950, Book 1242, Page 384, of Official Records
8. **Covenants, conditions and restrictions**, but omitting any covenants or restrictions, if any, including, but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document referred to in the numbered item last above shown.
9. **Easement(s)** for the purpose(s) shown below and rights incidental thereto as granted in a document.

Granted to: Pacific Gas and Electric Company, a California corporation
Purpose: Public Utilities
Recorded: November 1, 1957, Instrument No. 39402, Book 2013, Page 426, of Official Records
Affects: A portion

10. Easement(s) for the purpose(s) shown below and rights incidental thereto as granted in a document.

Granted to: The United States of America
Purpose: Electric transmission line easement
Recorded: April 24, 1962, Instrument No. 18787, Book 2540, Page 515, of Official Records
Affects: A portion

11. Covenants, conditions and restrictions, but omitting any covenants or restrictions, if any, including, but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document referred to in the numbered item last above shown.

12. The fact that the ownership of said land does not include rights of access to or from the street, highway, or freeway abutting said land, such rights having been relinquished by the document,

Recorded: May 15, 1968, Instrument No. 21018, Book 3209, Page 268, of Official Records
Affects: Easterly and Westerly boundary lines

Said land, however, abuts on a public thoroughfare, other than the one referred to above, over which the rights of vehicular access have not been relinquished.

13. Easement(s) for the purpose(s) shown below and rights incidental thereto as granted in a document.

Granted to: Pacific Gas and Electric Company, a California corporation
Purpose: Public Utilities
Recorded: March 10, 1993, Instrument No. 1993-029691, of Official Records
Affects: A portion

Affects: The herein described land and other land.

14. Information in possession of the Company indicates that a division of land, as defined in Government Code Section 66424, is contemplated in the current transaction involving the land described in this report. Such contemplated division of land would appear to fall within the purview of the Subdivision Map Act (commencing with Government Code Section 66410), and as a prerequisite to the issuance of any title assurance under this application, at least one of the following requirements must be accomplished to this Company's satisfaction:

- (a) That a Final (Tract) Map has been recorded in compliance with the Subdivision Map Act and related ordinance;
- (b) That a Parcel Map has been recorded in compliance with the Subdivision Map Act and related ordinances;
- (c) That a Certificate of Compliance as provided for in the Subdivision Map Act has been recorded, or will be recorded through this application.
- (d) Other evidence, satisfactory to this Company, indicating compliance or nonviolation must be furnished.

END OF ITEMS

Note 1. The name(s) of the buyer(s) furnished with this application for Title Insurance is/are:

Northern California Power Agency

If these names are incorrect, incomplete or misspelled, please notify the Company.

Note 2. The Company is not aware of any matters which would cause it to decline to attach the CLTA Endorsement Form 116 indicating that there is located on said land Misc. City Property known as 12299, 12351 and 12751 N. Thornton Road, Lodi, CA to an Extended Coverage Loan Policy.

Note 3. There are NO deeds affecting said land, recorded within twenty-four (24) months of the date of this report.

Note 4. Property taxes for the fiscal year shown below are PAID. For proration purposes the amounts are:

Tax Identification No.: 055-130-04
Fiscal Year: 2007 - 2008
Code Area: 001061

(No Taxes Due - Not Asses)

Note 5. Property taxes for the fiscal year shown below are PAID. For proration purposes the amounts are:

Tax Identification No.: 055-130-13
Fiscal Year: 2007 - 2008
Code Area: 001015

(No Taxes Due - Not Asses)

Note 6. Property taxes for the fiscal year shown below are PAID. For proration purposes the amounts are:

Tax Identification No.: 055-130-16
Fiscal Year: 2007 - 2008
Code Area: 001015

(No Taxes Due - Not Asses)

Note 7. If a county recorder, title insurance company, escrow company, real estate broker, real estate agent or association provides a copy of a declaration, governing document or deed to any person, California law requires that the document provided shall include a statement regarding any unlawful restrictions. Said statement is to be in at least 14-point bold face type and may be stamped on the first page of any document provided or included as a cover page attached to the requested document. Should a party to this transaction request a copy of any document reported herein that fits this category, the statement is to be included in the manner described.

Note 8. Wiring instructions for Fidelity National Title Company of California, Lodi, CA, are as follows:

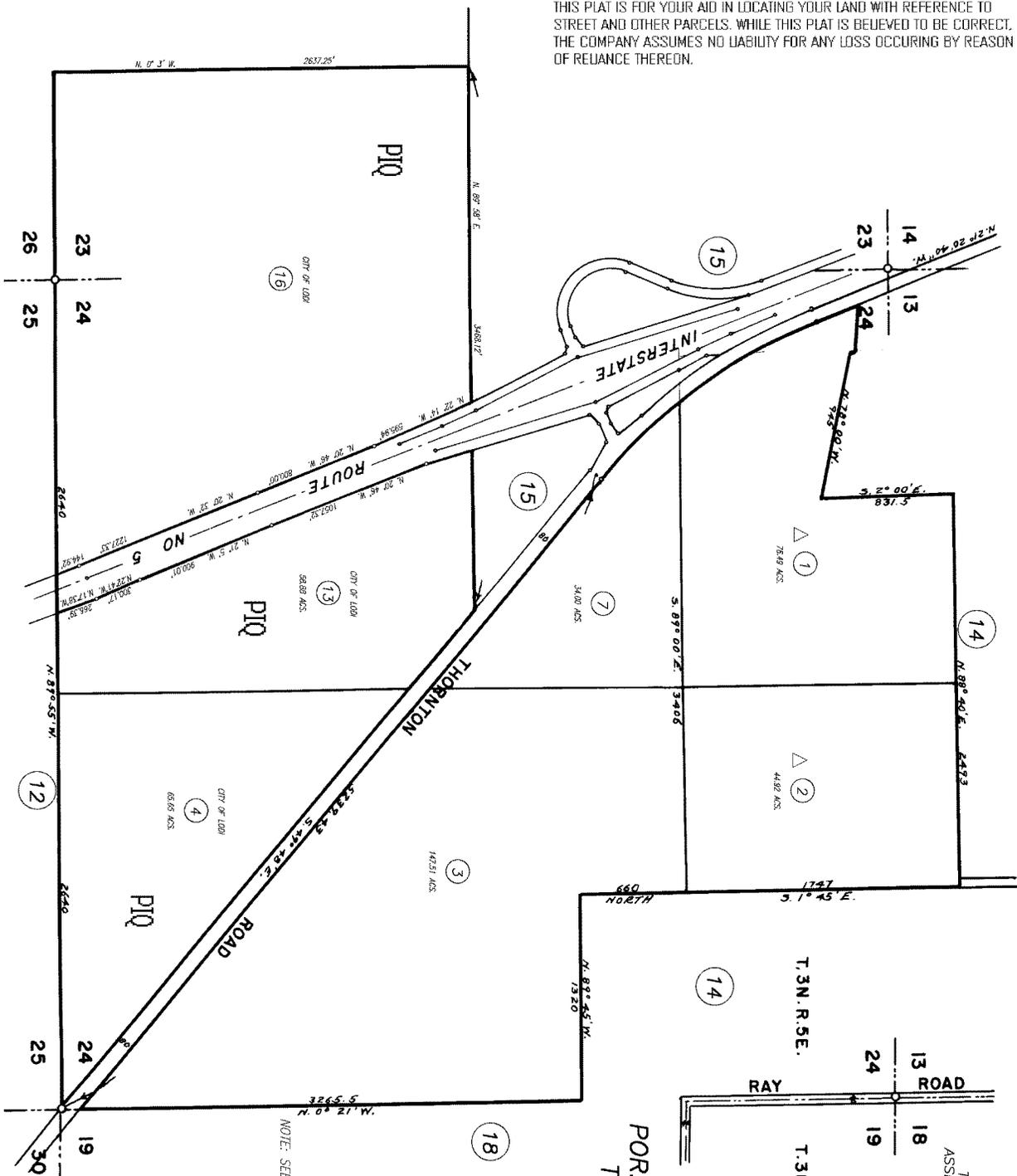
Receiving Bank: Bank of America
275 Valencia Blvd, 2nd Floor
Brea, CA 92823-6340
ABA Routing No.: 026009593
Credit Account Name: Fidelity National Title Company of California - Lodi
2111 W. Kettleman Lane, Suite A, Lodi, CA 95242
Credit Account No.: 12359-19969
Escrow No.: 08-**317495**-KG

These wiring instructions are for this specific transaction involving the Title Department of the Stockton office of Fidelity National Title Company of California . These instructions therefore should not be used in other transactions without first verifying the information with our accounting department. It is imperative that the wire text be exactly as indicated. Any extraneous information may cause unnecessary delays in confirming the receipt of funds.

Note 9. Any documents being executed in conjunction with this transaction must be signed in the presence of an authorized Company employee, an authorized employee of an agent, an authorized employee of the insured lender, or by using Bancserv or other approved third-party service. If the above requirements cannot be met, please call the company at the number provided in this report.

END OF NOTES

THIS PLAT IS FOR YOUR AID IN LOCATING YOUR LAND WITH REFERENCE TO STREET AND OTHER PARCELS. WHILE THIS PLAT IS BELIEVED TO BE CORRECT, THE COMPANY ASSUMES NO LIABILITY FOR ANY LOSS OCCURRING BY REASON OF RELIANCE THEREON.



THIS MAP IS FOR
ASSESSMENT USE ONLY

055-13



POR. OF SEC. 13, 23 & 24
T.3N. R.5E., M.D.B.&M.

△ - WILLIAMSON ACT PARCELS

HIGHEST A.P.N. USED			
YEAR	PAR. # PAR. # PAR. #		
04-05	16		

NOTE: SEE SURVEY C-1090

NOTE: Assessor's Parcel Numbers Shown in Circles.
Assessor's Block Numbers Shown in Ellipses.

CITY OF LODI
Assessor's Map Bk.055 Pg.13
County of San Joaquin, Calif.

ATTACHMENT ONE
AMERICAN LAND TITLE ASSOCIATION
RESIDENTIAL TITLE INSURANCE POLICY (6-1-87) EXCLUSIONS

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

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

This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at policy date.

This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.

2. The right to take the land by condemning it, unless:
 - a notice of exercising the right appears in the public records on the Policy Date
 - the taking happened prior to the Policy Date and is binding on you if you bought the land without knowledge of the taking

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

1. Any rights, interests, or claims of parties in possession of the land not shown by the public records.
2. Any easements or liens not shown by the public records. This does not limit the lien coverage in Item 8 of Covered Title Risks.

3. Title Risks:
 - that are created, allowed, or agreed to by you
 - that are known to you, but not to us, on the Policy Date— unless they appeared in the public records
 - that result in no loss to you
 - that first affect your title after the Policy Date – this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
 - to any land outside the area specifically described and referred to in Item 3 of Schedule A
 - or
 - in streets, alleys, or waterways that touch your landThis exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

3. Any facts about the land which a correct survey would disclose and which are not shown by the public records. This does not limit the forced removal coverage in Item 12 of Covered Title Risks.
4. Any water rights or claims or title to water in or under the land, whether or not shown by the public records.

**ATTACHMENT ONE
(CONTINUED)**

**CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY – 1990
EXCLUSIONS FROM COVERAGE**

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

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:

- (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
 - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
 - (c) resulting in no loss or damage to the insured claimant;
 - (d) attaching or created subsequent to Date of Policy; or
 - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
 5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
 6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

**SCHEDULE B, PART I
EXCEPTIONS FROM COVERAGE**

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

PART I

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

**ATTACHMENT ONE
(CONTINUED)**

**AMERICAN LAND TITLE ASSOCIATION LOAN POLICY (10-17-92)
WITH A.L.T.A. ENDORSEMENT-FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE**

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

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

material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy); or

- (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.

In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

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

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

**ATTACHMENT ONE
(CONTINUED)**

**2006 AMERICAN LAND TITLE ASSOCIATION LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE**

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed, or agreed to by the Insured Claimant;
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

- (c) resulting in no loss or damage to the Insured Claimant;
- (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
- (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.

In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

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

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

**ATTACHMENT ONE
(CONTINUED)**

**AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY (10-17-92)
EXCLUSIONS FROM COVERAGE**

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

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.

3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy, or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgement or lien creditor.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.

In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

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

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

**ATTACHMENT ONE
(CONTINUED)**

**2006 AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE**

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed, or agreed to by the Insured Claimant;

- (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
- (c) resulting in no loss or damage to the Insured Claimant;
- (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
- (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
 - (a) a fraudulent conveyance or fraudulent transfer; or
 - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage.

In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

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

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

**ATTACHMENT ONE
(CONTINUED)**

**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (10-22-03)
EXCLUSIONS**

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

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

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

This Exclusion does not limit the coverage described in Covered Risk 11 or 18.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 14, 15, 16 and 18, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 14:	1.00% of Policy Amount or <u>\$ 2,500.00</u> (whichever is less)	\$ <u>10,000.00</u>
Covered Risk 15:	1.00% of Policy Amount or <u>\$ 5,000.00</u> (whichever is less)	\$ <u>25,000.00</u>
Covered Risk 16:	1.00% of Policy Amount or <u>\$ 5,000.00</u> (whichever is less)	\$ <u>25,000.00</u>
Covered Risk 18:	1.00% of Policy Amount or <u>\$ 2,500.00</u> (whichever is less)	\$ <u>5,000.00</u>

**ATTACHMENT ONE
(CONTINUED)**

**ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (10/13/01)
EXCLUSIONS FROM COVERAGE**

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

1. (a) Any law, ordinance or governmental regulation (including but not limited to zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions or location of any improvements now or hereafter erected on the Land; (iii) a separation in ownership or a change in the dimensions or areas of the Land or any parcel of which the Land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14, and 16 of this policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the Public Records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without Knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
(a) created, suffered, assumed or agreed to by the Insured Claimant;
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
(c) resulting in no loss damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (this paragraph does not limit the coverage provided under Covered Risks 8, 16, 18, 19, 20, 21, 22, 23, 24, 25 and 26); or
(e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of the Insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the Land is situated.
5. Invalidity or unenforceability of the lien of the Insured Mortgage, or claim thereof, which arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, except as provided in Covered Risk 27, or any consumer credit protection or truth in lending law.
6. Real property taxes or assessments of any governmental authority which become a lien on the Land subsequent to Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 7, 8(e) and 26.
7. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This exclusion does not limit the coverage provided in Covered Risk 8.
8. Lack of priority of the lien of the Insured Mortgage as to each and every advance made after Date of Policy, and all interest charged thereon, over liens, encumbrances and other matters affecting the title, the existence of which are Known to the Insured at:
(a) The time of the advance; or
(b) The time a modification is made to the terms of the Insured Mortgage which changes the rate of interest charged, if the rate of interest is greater as a result of the modification than it would have been before the modification. This exclusion does not limit the coverage provided in Covered Risk 8.
9. The failure of the residential structure, or any portion thereof to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at Date of Policy.

Notice

You may be entitled to receive a \$20.00 discount on escrow services if you purchased, sold or refinanced residential property in California between May 19, 1995 and November 1, 2002. If you had more than one qualifying transaction, you may be entitled to multiple discounts.

If your previous transaction involved the same property that is the subject of your current transaction, you do not have to do anything; the Company will provide the discount, provided you are paying for escrow or title services in this transaction.

If your previous transaction involved property different from the property that is subject of your current transaction, you must - prior to the close of the current transaction - inform the Company of the earlier transaction, provide the address of the property involved in the previous transaction, and the date or approximate date that the escrow closed to be eligible for the discount.

Unless you inform the Company of the prior transaction on property that is not the subject of this transaction, the Company has no obligation to conduct an investigation to determine if you qualify for a discount. If you provide the Company information concerning a prior transaction, the Company is required to determine if you qualify for a discount which is subject to other terms and conditions.

Fidelity National Title Group of Companies' Privacy Statement

July 1, 2001

We recognize and respect the privacy expectations of today's consumers and the requirements of applicable federal and state privacy laws. We believe that making you aware of how we use your non-public personal information ("Personal Information"), and to whom it is disclosed, will form the basis for a relationship of trust between us and the public that we serve. This Privacy Statement provides that explanation. We reserve the right to change this Privacy Statement from time to time consistent with applicable privacy laws.

In the course of our business, we may collect Personal Information about you from the following sources:

- From applications or other forms we receive from you or your authorized representative;
- From your transactions with, or from the services being performed by, us, our affiliates, or others;
- From our internet web sites;
- From the public records maintained by governmental entities that we either obtain directly from those entities, or from our affiliates or others; and
- From consumer or other reporting agencies.

Our Policies Regarding the Protection of the Confidentiality and Security of Your Personal Information

We maintain physical, electronic and procedural safeguards to protect your Personal Information from unauthorized access or intrusion. We limit access to the Personal Information only to those employees who need such access in connection with providing products or services to you or for other legitimate business purposes.

Our Policies and Practices Regarding the Sharing of Your Personal Information

We may share your Personal Information with our affiliates, such as insurance companies, agents, and other real estate settlement service providers. We also may disclose your Personal Information:

- to agents, brokers or representatives to provide you with services you have requested;
- to third-party contractors or service providers who provide services or perform marketing or other functions on our behalf; and
- to others with whom we enter into joint marketing agreements for products or services that we believe you may find of interest.

In addition, we will disclose your Personal Information when you direct or give us permission, when we are required by law to do so, or when we suspect fraudulent or criminal activities. We also may disclose your Personal Information when otherwise permitted by applicable privacy laws such as, for example, when disclosure is needed to enforce our rights arising out of any agreement, transaction or relationship with you.

One of the important responsibilities of some of our affiliated companies is to record documents in the public domain. Such documents may contain your Personal Information.

Right to Access Your Personal Information and Ability to Correct Errors or Request Changes or Deletion

Certain states afford you the right to access your Personal Information and, under certain circumstances, to find out to whom your Personal Information has been disclosed. Also, certain states afford you the right to request correction, amendment or deletion of your Personal Information. We reserve the right, where permitted by law, to charge a reasonable fee to cover the costs incurred in responding to such requests.

All requests must be made in writing to the following address:

Fidelity National Title Group, Inc.
Privacy Compliance Officer
601 Riverside Avenue
Jacksonville, FL 32204

Multiple Products or Services

If we provide you with more than one financial product or service, you may receive more than one privacy notice from us. We apologize for any inconvenience this may cause you.

CITY OF LODI

White Slough Water Pollution Control Facility

2008 First Quarter Monitoring Wells

Site		WSM-1	WSM-2	WSM-3	WSM-4	WSM-5	WSM-6	WSM-7
Date		2/13/08	2/13/08	2/13/08	2/13/08	2/13/08	2/13/08	2/13/08
Boron	mg/L	0.29	0.48	0.20	0.18	0.24	0.16	0.19
Bromide	mg/L	<10	<10	<10	<10	<10	<10	<10
Calcium	mg/L	61	150	78	72	97	79	96
Fluoride	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Iron	mg/L	0.22	<0.10	<0.10	<0.10	5.5	0.35	2.1
Magnesium	mg/L	33	73	32	34	49	29	41
Potassium	mg/L	1.6	20	2.2	2.0	2.5	3.4	14
Sodium	mg/L	200	200	66	75	110	73	98
Chloride	mg/L	84	150	37	54	78	55	140
Phosphorus	mg/L	0.23	0.82	0.71	0.15	0.36	0.64	0.87
Total Alkalinity	mg/L	480	510	340	350	390	320	270
Bicarbonate Alkalinity	mg/L	580	620	420	430	480	390	330
Carbonate Alkalinity	mg/L	<20	<40	<20	<20	<20	<20	<20
Hydroxide Alkalinity	mg/L	<20	<40	<20	<20	<20	<20	<20
Hardness	mg/L	290	690	320	320	450	320	410
Cation/Anion Balance	%	4.2	2.4	1.2	1.8	5.0	2.5	4.3
% Difference								
Sulfate	mg/L	38	140	22	30	44	30	41
pH	units	7.4	7.2	7.3	7.2	7.3	7.1	6.7
Specific Conductance	uS/cm	1200	1900	800	810	1100	810	1100
Total Dissolved Solids	mg/L	810	1500	550	560	810	560	820
Fixed Dissolved Solids	mg/L	640	1130	400	380	540	420	580
Ammonia as N	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrate as N	mg/L	9.3	62	12	3.0	23	8.0	22
Nitrite as N	mg/L	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Total Keldahl Nitrogen	mg/L	2.1	4.3	2.8	<1.0	2.3	1.4	3.3
Dissolved Iron	mg/L	<0.05	1.2	0.5	0.5	0.7	<0.05	<0.05
Dissolved Lead	ug/L	0.07 (J)	<0.25	<0.25	<0.25	<0.25	0.03 (J)	<0.25
Dissolved Manganese	ug/L	0.6 (J)	360	31	1100	0.3 (J)	1.0 (J)	16
Total Coliform	MPN/100mL	<2.2	>16	<2.2	<2.2	<2.2	<2.2	2.2
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Groundwater elevation	feet	-4.36	-2.82	-4.07	-5.26	-3.99	-9.98	-6.87

1) Well dry.

CITY OF LODI

White Slough Water Pollution Cont

2008 First Quarter Monitoring Well:

Site		WSM-8	WSM-9	WSM-12	WSM-14	WSM-15	WSM-16
Date		2/13/08	(1)	2/13/08	2/13/08	2/13/08	2/13/08
Boron	mg/L	0.22		0.092	0.31	0.38	0.19
Bromide	mg/L	<10		<10	<10	<10	<10
Calcium	mg/L	74		130	80	92	130
Fluoride	mg/L	<0.50		<0.50	<0.50	<0.50	<0.50
Iron	mg/L	0.37		0.26	<0.10	<0.10	0.12
Magnesium	mg/L	38		55	42	48	64
Potassium	mg/L	1.6		4.9	2.1	4.9	1.6
Sodium	mg/L	100		97	130	180	89
Chloride	mg/L	47		130	73	110	79
Phosphorus	mg/L	0.77		<0.10	0.13	0.58	0.63
Total Alkalinity	mg/L	380		420	450	520	380
Bicarbonate Alkalinity	mg/L	460		510	550	630	470
Carbonate Alkalinity	mg/L	<20		<20	<20	<40	<20
Hydroxide Alkalinity	mg/L	<20		<20	<20	<40	<20
Hardness	mg/L	340		540	370	430	590
Cation/Anion Balance	%	2.3		3.4	1.9	2.2	2.9
% Difference							
Sulfate	mg/L	32		62	46	61	78
pH	units	7.1		7.2	7.3	7.2	7.1
Specific Conductance	uS/cm	960		1300	1100	1400	1300
Total Dissolved Solids	mg/L	680		900	760	960	1000
Fixed Dissolved Solids	mg/L	510		710	600	750	770
Ammonia as N	mg/L	<1.0		<1.0	<1.0	<1.0	<1.0
Nitrate as N	mg/L	17		14	8.9	16	46
Nitrite as N	mg/L	<1.5		<1.5	<1.5	<1.5	<1.5
Total Keldahl Nitrogen	mg/L	2.4		2.4	2.0	3.0	4.7
Dissolved Iron	mg/L	<0.05		1	0.5	<0.05	<0.05
Dissolved Lead	ug/L	0.08 (J)		0.11 (J)	<0.25	0.01 (J)	0.02 (J)
Dissolved Manganese	ug/L	350		1	96	2000	26
Total Coliform	MPN/100mL	<2.2		<2.2	<2.2	<2.2	<2.2
Bromoform	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane	ug/L	<1.0		<1.0	<1.0	<1.0	<1.0
Groundwater elevation	feet	-5.35		-17.71	-2.56	0.27	0.24

1) Well dry.

**CITY OF LODI
WHITE SLOUGH WATER POLLUTION CONTROL FACILITY**

Monitoring Wells Analysis

Well	Date Sampled	Nitrates as N mg/L	pH	TDS mg/L	FTDS mg/L	Specific conductivity umhos/cm	Total coliform /100mL	Water level feet above mean sea level
WSM 10	2/13/08	11.6	7.3	840	670	1430	<2.2	-14.59
WSM 11	2/13/08	10	7.4	660	500	1080	2.2	-19.83
WSM 13	2/13/08	6.6	7.4	900	730	1390	<2.2	-3.21
RMW 1	2/13/08	43.2	7.6	480	410	710	<2.2	-2.33
RMW 2	2/13/08	<0.5	7.8	220	220	410	2.2	-7.03
RMW 3	2/13/08	1.7	7.5	270	270	500	<2.2	-5.51

ROBERT N. KULL, P.E.

Environmental Department Manager



Mr. Kull has 15 years of environmental engineering experience, primarily in hazardous waste remediation. His experience encompasses a broad range of projects for public, private, industrial and government clients, including field investigations, feasibility studies, remedial design and construction, and operation and maintenance activities for soil and groundwater remediation systems. Mr. Kull has managed a groundwater-monitoring program for an Army installation in Arizona. He was the Technical Lead for the design and construction of two large soil remediation systems and the Technical Lead for the design and construction of three engineered landfill caps at a former Air Force base in California. In addition, Mr. Kull served as the Project Manager for the design and construction of a passive landfill gas migration control system and the Project Manager of several CERCLA and non-CERCLA remedial sites. Mr. Kull completed a Master Plan evaluation/revision for a wastewater treatment plant and associated facilities at a resort in Napa Valley, California. Mr. Kull was the Technical Lead for modifications to several existing groundwater remediation systems. In addition, he managed a Superfund contract with the U.S. Army Corp of Engineers and a county project, both which involved optimization, design and operation and maintenance of a soil vapor extraction system and a groundwater pump and treat system.

Mr. Kull is currently the Project Manager for several El Dorado Irrigation District water conveyance projects located throughout the foothills of the Sierra Nevada. He is also the Project Manager for several sites requiring soil and groundwater remediation due to chlorinated solvent and petroleum hydrocarbon impacts.

Specialization: Hazardous Waste Investigation and Remediation

Education: Master of Science Degree in Civil and Environmental Engineering, Cal Poly State University, San Luis Obispo, 1993

Bachelor of Science Degree in Agricultural Engineering, Cal Poly State University, San Luis Obispo, 1991

Total Years Experience: 15

Total Years with Carlton: 4

Professional Registrations: Professional Engineer (Civil), California, C55037

Professional Certifications: Project Management Training-PMI 2003

OSHA 40-Hour HazWaste Training (29CFR1910.120)

OSHA 8-Hour Supervisors Training (29CFR1910.12e4)

Publications: Kull, Robert Nicholas, 1992. "Treatment of Organic Refuse and Sanitary Wastewater from a Small Community by Anaerobic Digestion," M.S. Thesis, Civil and Environmental Engineering, California Polytechnic State University, San Luis Obispo, California, December 1992.

Williams, D. W., S. Schwartzkopf, and R. N. Kull. "Anaerobic Treatment of Organic Wastes from Controlled Ecological Life Support Systems." Warrendale, PA: SAE Paper No. 921272, 1992.

MICHAEL A. VANDER DUSSEN, R.G., C.E.G.
Senior Project Engineering Geologist



Mr. Vander Dussen has more than 30 years experience performing geologic studies, hydrogeologic evaluations, and environmental assessments for properties located on the western and eastern slopes of the Sierra Nevada, as well as throughout northern California. Mr. Vander Dussen has performed geotechnical engineering studies, designed waste water disposal systems, conducted geologic hazard studies, and prepared erosion control plans for more than twenty school sites located in El Dorado County. He has also supervised deep, hard rock drilling operations for the installation of both potable water supply wells and ground water monitoring wells and prepared mine reclamation plans according to California SMARA requirements for gravel and hard rock mine sites.

Mr. Vander Dussen has performed Phase I environmental assessments for properties of various land use and intensity, including such varied properties as historic mines, former wholesale nurseries, fruit tree orchards, and properties in predominantly urban settings. Many of these Phase I assessments have required follow-up soil and ground water investigative work. Mr. Vander Dussen is also adept at performing both Phase II and site remediation work. In addition, he has conducted geologic field studies, prepared seismic hazards assessments, and performed extensive literature research in accordance with land use regulations promulgated under CEQA, NEPA, FERC licensing and re-licensing, and Title 24 for essential services structures such as schools, fire stations and hospitals.

Specialization: Commercial/Retail

Education: Bachelor of Arts Degree in Geology, California State University Sacramento, 1979

UCD Extension 1989 Health & Safety Training for Hazardous Waste Workers – 40 Hours

UCD Extension 1989 Health & Safety Training for Supervisors - 8 Hours

UCD Extension 1993 Groundwater Monitoring Wells

UCD Extension 2000 Successful CEQA Compliance

UCD Extension 2000 Surface Mining and Reclamation Act

Total Years Experience: 32

Total Years with Carlton: 12

Professional Registrations: Professional Geologist, California No. 3966
Certified Engineering Geologist, California No. 2047

Professional Certifications: Health & Safety Training for Hazardous Waste Workers – Annual 8-hour refresher

OSHA 40-Hour HazWaste Training (29CFR1910.120)

OSHA 8-Hour Supervisors Training (29CFR1910.12e4)