

**Appendix K**  
**Phase I Site Assessment**





March 22, 2006

Mr. Henryk A. Olstowski, P.E.  
General Superintendent, Power Generation  
Imperial Irrigation District  
333 East Barioni Boulevard  
Imperial, California 92251

Subject: Phase I Environmental Site Assessment  
10-Acre Project Site  
El Centro Generating Station, Unit 3 Repower  
El Centro, California 92243  
URS Project No. 22238279

Dear Mr. Olstowski:

Transmitted with this letter is a copy of our report, "Phase I Environmental Site Assessment," for the 10-acre Project Site at the El Centro Generating Station, El Centro, Imperial County, California 92243.

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

Sincerely,

URS CORPORATION

Douglas L. Hahn  
Senior Environmental Scientist



**PHASE I  
ENVIRONMENTAL SITE ASSESSMENT**

**EL CENTRO GENERATING STATION  
UNIT 3 REPOWERING PROJECT  
485 EAST VILLA AVENUE  
EL CENTRO, CALIFORNIA 92243**

*Prepared for*

**Imperial Irrigation District**  
333 East Barioni Boulevard  
Imperial, California 92251

**URS Project No. 22238279**

March 22, 2006

**URS**

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Attachment C	Historical Topographic Maps
Attachment D	EDR Radius Map Report
Attachment E	Qualifications

## List of Acronyms

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APCD	Air Pollution Control District
AST	aboveground storage tanks
ASTM	American Society for Testing and Materials
CRWQCB	California Regional Water Quality Control Board
DTSC	Department of Toxic Substances Control
ECGS	El Centro Generating Station
EDR	Environmental Data Resources, Inc.
ESA	Environmental Site Assessment
IID	Imperial Irrigation District
PCB	polychlorinated biphenyls
REC	recognized environmental conditions
REF	Unconfirmed Properties Referred to another Agency
SCGC	Southern California Gas Company
URS	URS Corporation
USGS	United States Geological Survey
USGS	United States Geological Survey
WMUDS/SWAT	Waste Management Unit Databases

## List of Acronyms

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URS Corporation (URS) conducted a Phase I Environmental Site Assessment (ESA) for the proposed location of a replacement STG for electrical generation, to be constructed at the Imperial Irrigation District's (IID) El Centro Generating Station (ECGS). The existing ECGS is an electrical generating facility that is approximately 100 acres in size (Property). The ECGS Unit 3 Repowering Project (Project) will be constructed on an approximate 10-acre parcel (Project Site) within the Property boundary (see Figure 1, Site Vicinity Map). The ECGS is located at 485 East Villa Avenue in the City of El Centro, Imperial County, California 92243. This assessment was accomplished by and limited to a site reconnaissance, survey of the site vicinity, and review of pertinent documentation available through URS' standard resources regarding past and current land use for indications of the manufacture, generation, use, storage, and/or disposal of hazardous substances at the Project Site. The format and content of this Phase I ESA are in general accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Designation E 1527 00.

The Project Site is located within the ECGS Property. This ESA does not include those areas outside the Project Site that are still within the Property boundary (i.e., the "pole yard," 58-acre site west of the canal, etc.). This evaluation only includes those areas within the Property boundary that will be disturbed as part of the Project. The ECGS produces electricity, and has a steam turbine building that houses four turbines (Turbines #2, #3, and #4 are currently operating), a maintenance building, a transformer substation, three settling ponds (canal water storage basins), three cooling towers (one dedicated to each turbine), Unit #2 generating unit, Boilers #3 and #4, and a fish farm.

The Project Site is approximately 10 acres of land located adjacent to the west of the steam turbine building on the central north portion of the ECGS Property. The Project Site was formerly developed with Boilers #1 and #2, which were removed in 1993 and 1994, respectively. The Project Site is currently occupied by the concrete foundations and underground vaults of former Boilers #1 and #2, four 30,000-gallon demineralized water aboveground storage tanks (ASTs), two 22,000-gallon fuel ASTs (referred to as Unit #2 day tanks), underground and aboveground natural gas pipelines, cooling water lines, and conduits. An internal paved north-south trending road currently bisects the central portion of the Project Site. The area located to the west of the paved road is undeveloped.

Based on the review of historical information, the ECGS was constructed in 1947 and has expanded over the last 50 years. The Project Site was formerly developed with two boilers (#1 and #2) that powered two adjacent STGs, and two 22,000-gallon fuel ASTs (referred to as Unit #2 day tanks #1 and #2), which were installed in 1947 and 1953, respectively. Unit #2 day tanks #1 and #2 were used to store No. 6 fuel oil (heavy fuel oil). Boilers #1 and #2 were removed from the ECGS in 1993 and 1994, leaving their concrete foundations in place. Unit #2 day tank # 1 was emptied and cleaned in 1993 and has not been in use since. Unit #2 day tank #2 was converted from heavy fuel oil to diesel storage. Boilers #3 and #4 are still in use.

URS reviewed the Environmental Data Resources, Inc. (EDR) Radius Map Report of the regulatory database search of federal, state, and local lists for known or potential hazardous waste sites, landfills, permitted activities, and sites currently under investigation for environmental violations. The ECGS was listed on the sites identified from the EDR Radius Map Report as "orphan sites." These sites have inadequate address information and cannot be mapped. The facility was listed on the Toxic Pits Cleanup Sites (Toxic Pits), the Unconfirmed Properties Referred to another Agency (REF) and the Waste Management Unit Databases

(WMUDS/SWAT) lists. No further information was available from the EDR Radius Map Report. URS interviewed IID personnel to obtain more information regarding the EDR Radius Map Report listings. IID personnel confirmed that there are no open environmental investigations at the ECGS and that they did not have any further information regarding the listings. There were no facilities identified within 0.5 mile of the Project Site on the EDR Radius Map Report. Based on the information provided in the EDR Radius Map Report and interviews conducted with IID personnel, it appears that the surrounding properties have low potential to impact soil or groundwater beneath the Project Site.

URS has performed a Phase I ESA in general accordance with the scope and limitations of the ASTM Standard Practice for Designation E 1527-00 for the Project Site. This assessment has revealed evidence of recognized environmental conditions (RECs) in connection with the Project Site. The RECs are associated with releases involving the two 22,000-gallon fuel ASTs (referred to as Unit #2 day tanks) and former mercury-containing manometers associated with Boilers #1 and #2 located on the Project Site. A mercury-containing manometer for the existing Boiler #3 is also located adjacent and southeast of the Project Site and has had known releases. Based on the scope of services performed for this Phase I ESA, further investigation is recommended prior to the construction of the Project.

Presented in this report are the results of URS Corporations (URS) Phase I Environmental Site Assessment (ESA) conducted for a portion of the property located at 485 East Villa Avenue, in the City of El Centro, Imperial County, California 92243 (Figure 1, Site Vicinity Map).

## 1.1 PURPOSE

The purpose of this Phase I ESA was to review land-use practices and site conditions to assess potential environmental impacts and identify recognized environmental conditions in connection with the Project Site. This ESA was performed according to the recommended guidelines established by American Society for Testing and Materials (ASTM) Designation E 1527 00, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.” The term “recognized environmental conditions (REC),” as defined by ASTM Designation E 1527 00, means:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

For the purpose of this report, hazardous substances and petroleum products are jointly referred to as “hazardous materials.” The extent of research to identify recognized environmental conditions is limited by the scope of services.

## 1.2 DETAILED SCOPE OF SERVICES

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

- Performed a reconnaissance survey of the Project Site to make visual observations of existing site conditions and activities and a drive by survey of the area within 0.25 mile of the Project Site to observe types of general land use within the search area. Photographs of the Project Site are provided in Attachment A, Site Photographs.
- Conducted interviews with personnel familiar with the Project Site to evaluate site history, current operations, and maintenance procedures. URS obtained information regarding the Project Site from Mr. Michael Taylor, the Generation Plant Superintendent, and Mr. Michael Kemp, the Regulatory Compliance Specialist, with Imperial Irrigation District.







- Reviewed and interpreted available historic aerial photographs of the Project Site and vicinity for evidence of previous site activities and development that would suggest the potential presence of hazardous substances at the Project Site. Historical aerial photos are provided in Attachment B, Aerial Photographs.
- Reviewed and interpreted archival United States Geological Survey (USGS) topographic maps of the Project Site and the area within 0.25 mile of the Project Site for information regarding historical land use potentially involving the manufacture, generation, use, storage, and/or disposal of hazardous substances. Historical topographic maps are provided in Attachment C, Historical Topographic Maps.
- Reviewed federal, state, and local database lists of known or potential hazardous waste sites or landfills and sites currently under investigation for environmental violations. The agency lists and search radii, provided by Environmental Data Resources, Inc. (EDR), are provided in Attachment D, EDR Radius Map Report.
- Conducted inquiries in person, by telephone, or in writing to the appropriate regulatory agencies for information regarding environmental permits, violations or incidents, and/or the status of enforcement actions at the Project Site.
- Prepared this report describing the research performed and presenting URS' findings and professional opinions regarding the potential for adverse environmental impacts to the Project Site. The qualifications of environmental professionals are presented in Attachment E, Qualifications.

Surveys for asbestos-containing building materials, radon, lead-based paint, and lead in drinking water were not performed.

### 1.3 DEVIATIONS

No deviations from the ASTM standards for Phase I ESAs were required. URS' site reconnaissance included a walking reconnaissance of the areas of the property accessible by foot, and a drive by survey of surrounding and adjacent properties. URS did not enter the underground vaults located beneath former Boilers #1 and #2 on the Project Site since the areas are considered to be confined spaces. According to IID personnel, these areas are not expected to be impacted by the Project.

### 1.4 LIMITATIONS AND EXCEPTIONS

The conclusions presented in this report are professional opinions based solely on indicated data described in this report, visual observations of the Project Site and vicinity, and our interpretation of the available historical information and documents reviewed as described in this report. The conclusions are intended exclusively for the purpose outlined herein and the site locations and project indicated. The scope of services performed in execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

It should be recognized that this study was not intended to be a definitive investigation of contamination at the Project Site, and the recommendations provided are not necessarily

inclusive of all the possible conditions. Given the limited scope of services for this investigation, currently unrecognized contamination might exist at the Project Site.

Opinions and recommendations presented herein apply to the site conditions existing during our investigations and cannot necessarily apply to site changes of which URS is unaware and has not had the opportunity to evaluate. Changes in the conditions of this property may occur over time because of natural processes or the works of man on the Project Site or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

## **1.5 USER RELIANCE**

URS understands that this report is for the use of IID and its underwriters to help assess the environmental condition of the Project Site. The scope of services performed in execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

## 2.1 LOCATION

The Project Site is located within the boundary of the ECGS Property. The ECGS is located at 485 East Villa Avenue in the City of El Centro, Imperial County, California 92243.

A Site Vicinity Map (Figure 1), an Aerial Site Plan (Figure 2), and a General Arrangement of New Unit 3 (Figure 3) are provided. Site photographs are presented in Attachment A, Site Photographs, and site observations are summarized below.

## 2.2 INTERVIEWS

URS interviewed Mr. Taylor and Mr. Kemp of IID to obtain additional historical information regarding the Project Site and to identify areas of potential concern not readily visible or recorded in site records. The Project Site is owned by IID and located within the ECGS Property. The Project Site is the proposed location of a new Unit 3 generating unit. The new unit will consist of a gas turbine connected to a heat recovery steam generator to power turbine Unit 3. Mr. Taylor and Mr. Kemp stated that they were aware of historic fuel and mercury releases on the Project Site. The releases involved the two 22,000-gallon fuel aboveground storage tanks (ASTs) (referred to as Unit 2 day tanks) and former mercury-containing manometers associated with Boilers #1 and #2 located on the Project Site. A mercury-containing manometer for the existing Boiler #3 is also located adjacent and southeast of the Project Site and has had known releases.

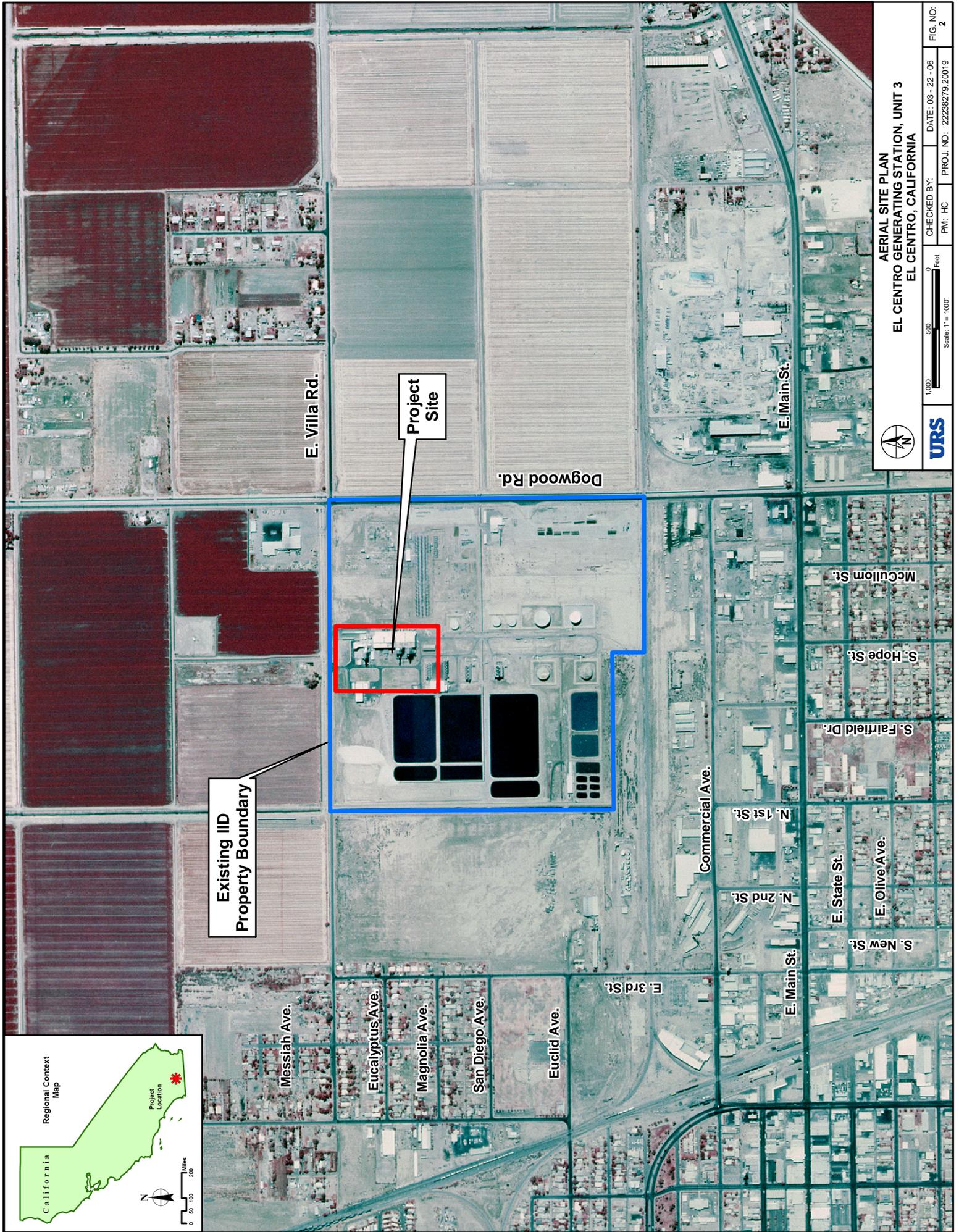
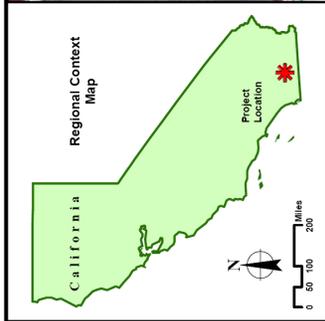
## 2.3 SITE RECONNAISSANCE

Ms. Heather Couper, a URS representative, conducted a reconnaissance of the Project Site on January 26, 2006 and met and interviewed Mr. Taylor, IID, during the site visit. The reconnaissance consisted of the observation and documentation of existing site conditions and the nature of neighboring property development within 0.25 mile of the Project Site.

The Project Site is located within the approximate 100-acre ECGS Property. The ECGS produces electricity. The ECGS has a steam turbine building that houses four turbines (Turbines #2, #3, and #4 are currently operating), a maintenance building, a transformer substation, three settling ponds (canal water storage basins), three cooling towers (one dedicated to each turbine), Unit #2 generating unit, Boilers #3 and #4, and a fish farm.

The Project Site is an approximate 10-acre parcel located adjacent to the west of the steam turbine building on the central north portion of the ECGS Property. The Project Site was formerly developed with Boilers #1 and #2, which were removed in 1993 and 1994, respectively. The Project Site is currently occupied by the concrete foundations and underground vaults of former Boilers #1 and #2, four 30,000-gallon demineralized water ASTs, two 22,000-gallon fuel ASTs (referred to as Unit 2 day tanks), underground and aboveground natural gas pipelines, cooling water lines, and conduits. An internal paved north-south trending road crosses near the central portion of the Project Site. The Project Site located to the west of the paved road is undeveloped.





Existing IID  
Property Boundary

Project  
Site



URS

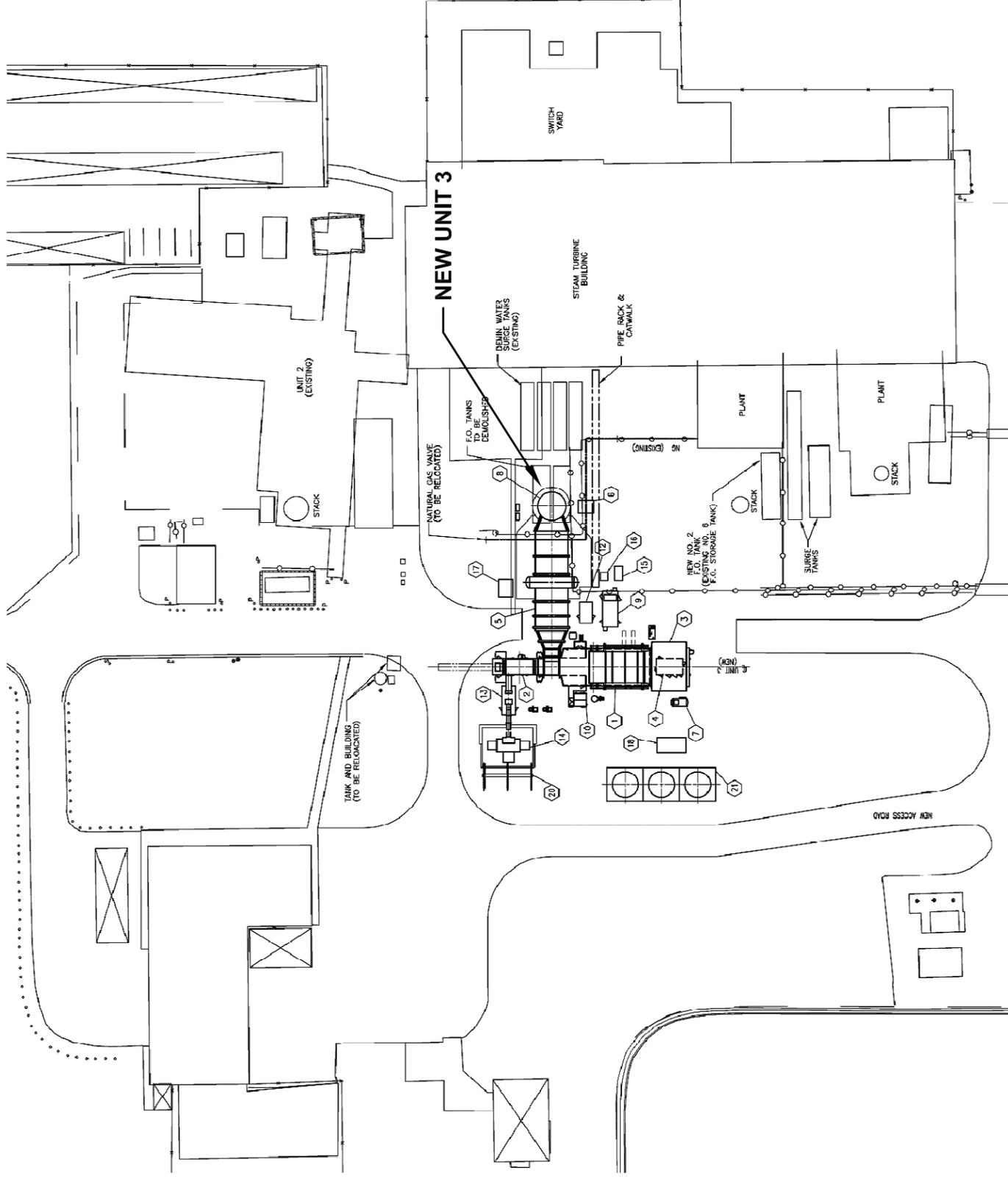


AERIAL SITE PLAN  
EL CENTRO GENERATING STATION, UNIT 3  
EL CENTRO, CALIFORNIA

CHECKED BY: PM: HC  
DATE: 03-22-06  
PROJ. NO.: 22238279.20019  
FIG. NO.: 2



ITEM	DESCRIPTION	NOTES
1	GAS TURBINE	
2	GENERATOR	
3	INLET AIR FILTER	
4	PACKAGED ELECTRIC ELECTRONIC CONTROL CABINET	
5	HRSG	
6	CEMS	
7	FIRE PROTECTION SKD	
8	STACK	
9	POWER DISTRIBUTION CONTROL ENCLOSURE	
10	FUEL GAS MODULE	
11	NOT USED	
12	TURBINE CONTROL COMPARTMENT	
13	GENERATOR AUXILIARY COMPARTMENT	
14	MAIN STEP UP TRANSFORMER	
15	4160V AUXILIARY TRANSFORMER	
16	480V AUXILIARY TRANSFORMER	
17	AMMANIA FLOW CONTROL SKID	
18	FUEL GAS HEATER	
19	NOT USED	
20	DEAD END TOWER	
21	COOLING WATER MODULE	



**GENERAL ARRANGEMENT OF NEW UNIT 3  
EL CENTRO GENERATING STATION  
EL CENTRO, CALIFORNIA**



CHECKED BY: \_\_\_\_\_ DATE: 03-02-06  
PM: HC PROJ. NO: 22238279.20019

FIG. NO: **3**



The ECGS is served by municipal water and canal water. The City of El Centro supplies potable water for restrooms and safety eyewash stations and showers. Canal water is supplied to the site via a canal located along Dogwood Road. Natural gas pipelines are present along Dogwood Road and East Villa Avenue. According to the Southern California Gas Company (SCGC), the natural gas pipelines are connected to a SCGC regulator station located to the north of the Project Site on the south side of East Villa Avenue.

### 2.3.1 Hazardous Substances

Hazardous substances were observed at the Project Site. Diesel fuel is stored in one of two 22,000-gallon fuel ASTs (referred to as Unit 2 day tanks) (see Section 2.3.3). According to Mr. Taylor, other hazardous materials are stored at the ECGS. A complete chemical inventory is listed in the Hazardous Materials Business Plan for the facility.

### 2.3.2 Hazardous Waste

Hazardous wastes were not observed or reported on the Project Site. According to Mr. Kemp, hazardous wastes, including waste oil, sand blast grit, oil containing soil, boiler ash, paint, and occasionally mercury, are generated at the ECGS. The Environmental Protection Agency Identification Number for the ECGS is CAD980817142. Hazardous waste is removed from the facility by a licensed hauler, Filters Recycling.

### 2.3.3 Storage Tanks

Evidence of underground storage tanks (vent lines, fill or overfill ports, fuel pumps) was not observed at the Project Site.

Aboveground tanks were observed at the time of the Project Site visit. Four 30,000-gallon demineralized water and two 22,000-gallon fuel ASTs (referred to as Unit #2 day tanks) were observed on the eastern portion of the Project Site, adjacent to the steam turbine building. According to Mr. Taylor, Unit #2 day tanks #1 and #2 were installed in 1947 and 1953. Unit #2 day tanks #1 and #2 were used to store No. 6 fuel oil (a heavy fuel oil). When Boilers #1 and #2 were removed from the Project Site in 1993 and 1994, Unit #2 day tank #1 was emptied and cleaned and has not been in use since. Unit #2 day tank #2 was converted from heavy fuel oil to diesel storage.

Evidence of leaks or spills was observed around the central portion of the ASTs. The fill port is located on the top of the tanks. Staining was observed on both of the tank's concrete supports near the central portion of the tanks. Staining was not observed on the dirt beneath the ASTs. According to Mr. Taylor and Mr. Kemp, there have been spills associated with the ASTs. Current procedures for handling spills involve sending an internal hazardous materials crew to document spills and arrange for cleanup. Past procedures for handling heavy fuel oil spills included throwing sand on the heavy fuel oil, which would then turn to a solid. No records detailing historic spill events exist. Due to the long operational history of Unit #2 day tanks #1 and #2, and history of releases, this is identified as a REC.

### 2.3.4 Polychlorinated Biphenyls

Potential polychlorinated biphenyls (PCB)-containing equipment, such as electrical transformers, were observed on the Project Site. According to Mr. Taylor, the potential PCB-containing equipment is located at the transformer substation to the east of the steam turbine building.

### 2.3.5 Waste Disposal

No waste disposal systems were noted on the Project Site.

### 2.3.6 Wetlands, Floodplain, and Coastal Zone

Wetlands were not observed on the Project Site. Based on the EDR Radius Map Report, the Project Site is not located within a floodplain (EDR 2006a). Based on the topographic map, the Project Site is located approximately 22 miles southeast of the Salton Sea.

### 2.3.7 Dumping

No indication of dumping was observed on the Project Site.

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

No pits, ponds, lagoons, septic systems, and cisterns were noted on Project Site.

A boiler blowdown sump is located on the southeast corner of the Project Site, between former Boilers #2 and #3. All of the boilers drain to this sump, which feeds back into the cooling towers.

Underground vaults consist of empty cavities and are located beneath the foundations of former Boilers #1 and #2. The vaults are accessible through manhole covers. According to Mr. Taylor, any water that enters the vaults drains to the effluent well located to the east of the maintenance building. Process wastewater is discharged from the effluent well and is monitored under a California Regional Water Quality Control Board (CRWQCB) National Pollutant Discharge Elimination System permit. Upon release, the wastewater flows to the northwest in the Central Drain and discharges to the Salton Sea.

Two septic systems are located on the ECGS Property. The septic systems are located near the northeast corner of the steam turbine building and near the corner of the maintenance building.

### 2.3.9 Staining and Discolored Soils

No stained or discolored soils were observed on the Project Site.

### 2.3.10 Stressed Vegetation

Obvious indications of stressed vegetation were not noted at the Project Site.

### 2.3.11 Unusual Odors

Unusual odors were not encountered on the Project Site.

### 2.3.12 On-site Wells

Water, groundwater monitoring, oil, and gas production wells were not observed or reported on the Project Site.

### 2.3.13 Nearby Environmentally Sensitive Sites

Environmentally sensitive sites were not observed within 0.25 mile of the Project Site.

### 2.3.14 Other Concerns

Mercury-containing manometers measure the pressure in the natural gas lines that feed the burners on the boilers. The manometers are mounted on the west wall of the steam turbine building, adjacent to the Project Site. The manometers are located approximately 25 feet above the ground. The manometers for former Boilers #1 and #2 were removed when the boilers were taken out of service. The manometer for Boiler #3 was observed adjacent to the southeast corner of the Project Site. According to Mr. Taylor, the manometers have occasionally overflowed and spilled on to the adjacent staircase or ground. A small glass jar catch basin was installed for Boilers #3 and #4 manometers to contain any overflow. No records detailing historic spill events exist. Due to the long operational history of Boilers #1 and #2 and history of releases, this is identified as a REC.

## 2.4 CURRENT USES OF ADJACENT PROPERTY

The ECGS is located within an area that consists mainly of industrial, agricultural, and residential properties in El Centro, California (Figure 2, Aerial Site Plan). The Project Site is located within the northern portion of the IID Property. Prominent adjoining land uses are as follows:

- North: Unit 2 generating unit, SCGC regulator station, East Villa Avenue, and agricultural properties.
- East: Steam turbine building, El Centro Switching Station, Dogwood Road, and by agricultural properties.
- South: Boilers #3 and #4, cooling towers, large fuel ASTs, Holton Inter-Urban Railroad, fueling station, and Commercial Avenue.
- West: Maintenance building, settling pond, vacant IID land, and residential properties.

## 2.5 PHYSICAL SETTING

### 2.5.1 Site Topography

The site is located within Township 15 South, Range 14 East West, Section 32 within the City of El Centro, Imperial County, California. Topographic coverage of the Project Site vicinity is provided by the United States Geological Survey (USGS) 7-½ minute “El Centro, California” Topographic Quadrangle (USGS 1992) at an approximate location of 32.802600 degrees north

latitude and 115.540000 west longitude. According to the topographic map, the elevation of the Project Site is approximately 47 feet below sea level, with a northerly gradient. The Project Site is relatively flat and there were no surface water bodies on the Project Site at the time of the site visit.

### 2.5.2 Regional Geology and Hydrogeology

The Project Site is located within the Imperial Valley approximately 22 miles southeast of the Salton Sea. According to the EDR report, the Project Site is overlain by a fine-grained silty clay loam, which has very slow infiltration rates. These soils extend to approximately 60 inches below ground surface.

Based on a review of available hydrogeologic documents from the CRWQCB for the Colorado River Basin (Region 7), the Project Site is located within the Imperial Hydrologic Unit located within the Imperial Valley Planning Area. According to the CRWQCB, groundwater in the portion of the East Salton Sea Hydrologic Unit that encompasses the Project Site is designated as having beneficial uses for municipal and industrial uses (CRWQCB 2005).

Depth to groundwater beneath the Project Site is unknown. According to Mr. Taylor and Mr. Kemp, groundwater is relatively shallow in the Project Site vicinity. Depth to groundwater will be assessed during an upcoming geotechnical investigation for the Project Site. Based on local topography, which is inclined slightly north, the local groundwater flow direction in the Project Site vicinity is inferred to be toward the north.

URS conducted a review of the topographic maps, historic city directories, Sanborn maps, and selected historical aerial photographs, and interviewed knowledgeable personnel for evidence of activities that would suggest the potential presence of hazardous substances at the Project Site and to evaluate the potential for the Project Site to be impacted by off-site sources of contamination. The following sections summarize the information obtained from the historical sources utilized for this assessment.

### **3.1 INTERVIEWS**

URS interviewed Mr. Taylor for historical information regarding the Project Site. According to Mr. Taylor, the ECGS was constructed in 1947 and has expanded over the last 50 years. The Project Site was formerly developed with two boilers (#1 and #2) that powered two adjacent STGs, and two 22,000-gallon fuel ASTs (referred to as Unit 2 day tanks #1 and #2) that were installed in 1947 and 1953, respectively. Unit 2 day tanks #1 and #2 were used to store No. 6 fuel oil (heavy fuel oil). Boilers #1 and #2 were removed from the Project Site in 1993 and 1994; their concrete foundations were left in place. Unit 2 day tank # 1 was emptied and cleaned in 1993 and has not been in use since. Unit 2 day tank #2 was converted from heavy fuel oil to diesel storage. Adjacent Boilers #3 and #4 located to the south of the Project Site are still in use.

### **3.2 AERIAL PHOTOGRAPHS**

URS reviewed aerial photographs for the years 1945, 1949, 1953, 1959, 1965, 1972, 1979, 1984, 1992, and 1996. Selected aerial photographs are provided in Attachment B, Aerial Photographs.

The 1945 aerial photograph depicts the Project Site and surrounding area as agricultural development. No structures appear to be present on the Project Site. East Villa Avenue is present to the north and Dogwood is present to the east. Small farm houses appear to be present further north and south of the Project Site.

The 1949 aerial photograph depicts the ECGS Property as located to the southwest of the intersection of Dogwood Road and East Villa Avenue. The Project Site is developed with Boiler #1 located adjacent to the west of the steam turbine building. A settling pond, a cooling tower, and a large AST are present to the south of the Project Site. A railroad spur enters the ECGS Property from the south.

The 1953 aerial photograph depicts the Project Site as developed with Boilers #1 and #2 located adjacent to the west side of the steam turbine building. A settling pond, two cooling towers, and three large ASTs are present to the south of the Project Site. The El Centro Switching Station appears to be present to the east of the steam turbine building.

The Project Site appears relatively unchanged in the 1959 and 1992 aerial photographs. The ECGS Property has become more developed. Boiler #3 was present in the 1959 photo, and Boiler #4 was present in the 1972 aerial photograph. The 1972 aerial photograph shows the ECGS as developed with three settling ponds located on the western portion of the Property, four cooling towers located on the south central portion of the Property, and five large fuel ASTs located on the southeastern portion of the Property.

The 1996 aerial photograph shows that Boilers #1 and #2 have been removed from the Project Site. Surrounding properties remain relatively unchanged from previous aerial photographs, except a new maintenance building was located adjacent to the northwest of the Project Site.

### **3.3 SANBORN MAPS**

URS contacted EDR for Sanborn Fire Insurance maps of the Project Site. EDR reported no coverage exists for the Project Site (EDR 2006b).

### **3.4 HISTORICAL TOPOGRAPHIC MAP**

URS reviewed historical topographic maps for the years 1948, 1957, 1957 (photo revised 1979), which were obtained from EDR. Copies of the topographic maps are provided as Attachment C, Historical Topographic Maps.

Based on the topographic maps from 1948, the Project Site is located to the northeast of the City of El Centro. East Villa Avenue is present to the north and Dogwood is present to the east. An access road from East Villa Avenue is depicted to the north of the Project Site.

The 1957 topographic map depicts the ECGS Property. Boilers #1 and #2 are located on the Project Site. The steam turbine building and Boiler #3 are located adjacent to the Project Site. A railroad spur and three ASTs are depicted to the south, and two cooling towers and four water reservoirs (settling ponds) are depicted to the southwest of the Project Site.

The 1979 topographic map depicts added structures, ASTs, and water reservoirs at the ECGS. Significant changes to the surrounding properties were not observed in the 1948 and 1979 topographic maps.

### **3.5 PREVIOUS REPORTS**

URS was not provided with any previous environmental reports for the Project Site.

## 4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

EDR conducted the regulatory database search. Information gathered by EDR included available summaries from regulatory agency files regarding the Project Site and suspected or confirmed hazardous materials sites within specified search distances. This information is reported as URS received it from EDR, which in turn reports information as it is provided in the government databases. It is impossible for either EDR or URS to verify the accuracy or completeness of information contained in these databases. The use of and reliance on this information, however, is a generally accepted practice in the performance of Phase I ESAs.

URS reviewed the EDR database search report of federal, state, and local lists for known or potential hazardous waste sites, landfills, permitted activities, and sites currently under investigation for environmental violations. The EDR Radius Map Report includes a complete list and description of the databases searched. A copy of the report, which includes maps showing locations of listed sites in relation to the Project Site, is included in Attachment D, EDR Radius Map Report.

The report's search radii are in accordance with ASTM specifications. Sites adjacent to or hydraulically upgradient with respect to inferred groundwater flow direction with significant potential to affect the Project Site are discussed below. Properties identified beyond the requested search radii, those interpreted as hydraulically downgradient or crossgradient, and other sites that in our opinion are unlikely to affect the site with hazardous substances or wastes are excluded from the following discussion.

### 4.1.1 Project Site

The Project Site is located within the ECGS Property. The ECGS was listed on the sites identified from the EDR Radius Map Report as "orphan sites." These sites have inadequate address information and cannot be mapped. The facility was listed on the Toxic Pits Cleanup Sites (Toxic Pits), the Unconfirmed Properties Referred to another Agency (REF) and the Waste Management Unit Databases (WMUDS/SWAT) lists. No further information was available from the EDR Radius Map Report.

URS contacted Mr. Taylor and Mr. Kemp to obtain more information regarding the EDR Radius Map Report listings. Mr. Taylor and Mr. Kemp confirmed that there are no open environmental investigations at the Project Site and that they did not have any further information regarding the listings. Both indicated that the facility has an EPA ID Number to generate and dispose of hazardous waste. Hazardous waste is removed from the facility by a licensed hauler, Filters Recycling. The facility also has permits for stormwater and wastewater discharged from the Project Site along with permits for other equipment located at the ECGS.

### 4.1.2 Surrounding Area

There were no facilities identified within 0.75 mile of the Project Site on the EDR Radius Map Report. Holton Power Company (a gas-electric plant), and Imperial Valley Gas Company are listed on Commercial Avenue, located 0.55 mile to the south of the Project Site. The sites are listed as manufactured gas plants. According to Mr. Kemp, a fuel spill occurred at one of the fueling stations located along Commercial Avenue. The spill affected the storm drain located on

the west side of the ECGS Property. The spill was reported and cleaned up by the fueling station with agency oversight.

In addition, none of the other sites identified from the EDR Radius Map Report as “orphan sites” appear to have the potential to impact the Project Site with hazardous materials due to their distance and/or downgradient locations from the Project Site. Detailed information for the “orphan sites” is included in Attachment D, EDR Radius Map Report.

## 4.2 AGENCY FILES

In addition to the database list search, URS contacted selected state and local regulatory agencies to obtain information regarding the environmental condition of the Project Site. A summary of agency responses is presented below.

- **California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), Cypress Office** – URS contacted the DTSC to obtain further information/records regarding the Project Site. At the time of publication of this report, URS was waiting for a response from the DTSC.
- **California Environmental Protection Agency, DTSC, San Diego Office** – URS contacted the DTSC to obtain further information/records regarding the Project Site. At the time of publication of this report, URS was waiting for a response from the DTSC.
- **California Regional Water Quality Control Board** – URS contacted the CRWQCB to obtain further information/records regarding the Project Site. At the time of publication of this report, URS was waiting for a response from the CRWQCB.
- **Imperial County Air Pollution Control District (APCD)** – URS contacted the APCD to obtain further information/records regarding the Project Site. At the time of publication of this report, URS was waiting for a response from the APCD.

Responses from the agencies contacted for this ESA have not been received. Based on information provided by IID personnel, additional information from agencies would pertain to the entire ECGS facility located at 485 East Villa Avenue and would not be limited to the Project Site, which does not have a separate address. Should URS obtain additional information that would indicate the potential for a REC on the Project Site, our revised conclusions would be provided separately.

URS has performed a Phase I ESA in general accordance with the scope and limitations of the ASTM Practice E 1527-00 for the Project Site. This assessment has revealed evidence of RECs in connection with the Project Site. The RECs are associated with releases involving the two 22,000-gallon fuel ASTs (referred to as Unit #2 day tanks) and former mercury-containing manometers associated with Boilers #1 and #2 located on the Project Site. A mercury-containing manometer for the existing Boiler #3 is also located adjacent and southeast of the Project Site and has had known releases. Based on the scope of services performed for this Phase I ESA, further investigation is recommended prior to the construction of the new Unit 3 at the Project Site.



**6.1 AERIAL PHOTOGRAPHS REVIEWED**

<b>Date</b>	<b>Photograph Id</b>	<b>Source</b>	<b>Scale</b>
1945	2B-14	Imperial Irrigation District (IID)	Unknown
02-18-1949	ABN-3F-58	IID	1" = 666'
04-10-1953	ABN-8M-104	IID	1" = 666'
09-07-1959	AXN-12W-152	IID	1" = 666'
06-06-1965	ABN-2FF-211	IID	1" = 666'
1972	472-24D	IID	1" = 666'
1979	06025-179-107L	IID	1" = 666'
1984	84-217-142-X2	IID	1" = 666'
1992	192-79L	IID	1" = 666'
1996	USGS	EDR	1" = 666'

**6.2 OTHER REFERENCES**

American Society for Testing and Materials. 2000. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: Designation E 1527-05.

California Environmental Protection Agency. 2006. Department of Toxic Substances Control. Cypress office. Verbal communication. February.

\_\_\_\_\_. 2006. Department of Toxic Substances Control. San Diego office. Verbal communication. February.

California Regional Water Quality Control Board. 2005. San Diego Region. Water Quality Control Plan, Colorado River Basin (Region 7). October.

\_\_\_\_\_. 2006. Colorado River Basin. Written communication. February.

Environmental Data Resources, Inc. 2006a. EDR Radius Map with GeoCheck. Inquiry No. 1596247.2s. January 19.

\_\_\_\_\_. 2006b. Sanborn® Map Report. No coverage. Inquiry No. 1596247.3s. January 17.

\_\_\_\_\_. 2006c. The EDR-Historical Topographic Map Report. Inquiry No. 1596247.4. January 19.

\_\_\_\_\_. 2006d. The EDR-Aerial Photography Print Service. Inquiry No. 1596247.6. January 19.

Imperial County Air Pollution Control District. 2006. Written communication. January.

Kemp, Michael. 2006. Imperial Irrigation District. Verbal communication [760-482-9618]. February.

Taylor, Michael. 2006. Imperial Irrigation District. Verbal communication [760-339-0506]. January.

U.S. Geological Survey (USGS). 1979. *El Centro, California*. Quadrangle, 1:24,000.

**7.1 CORPORATE**

URS Corporation is a publicly-held corporation listed on the New York and Pacific Stock Exchanges. URS provides professional planning, architectural and engineering design, and program and construction management services for infrastructure projects involving surface and air transportation, facilities, and water resources. In addition, URS offers a full range of environmental services, including environmental management, pollution control, natural resource management, and solid and hazardous waste management. Utilizing staff resources of 26,000 employees in a network of offices worldwide, URS serves a variety of public sector clients at the local, municipal, state, and federal levels and private sector clients in the oil, petrochemical, natural gas, chemical, forest products, mining, power, and manufacturing industries.

**7.2 INDIVIDUAL**

The qualifications of the project manager and other environmental professionals involved in this Phase I ESA meet the URS corporate requirements for performing ESAs. Information related to the qualifications and experience of the environmental professionals who prepared this report is included in Attachment E, Qualifications.



**Attachment A**  
**Site Photographs**



**Photograph 1**

**Date:**  
January 19, 2006

**Comments:** View of the four 30,000-gallon demineralized water ASTs located on the eastern portion of the subject property (view facing north). Unit 2 generating Unit is visible in the background.



**Photograph 2**

**Date:**  
January 19, 2006

**Comments:** View of the two 22,000-gallon fuel ASTs (referred to as Unit 2 day tanks) located on the eastern portion of the subject property (view facing northwest).





**Photograph 3**

**Date:**  
January 19, 2006

**Comments:**  
View of the maintenance building located adjacent to the north of the subject property (view facing northwest).



**Photograph 4**

**Date:**  
January 19, 2006

**Comments:**  
View of the vacant land located on the western portion of the subject property (view facing west). The northernmost settling pond is visible in the background.



**Photograph 5**

**Date:**  
January 19, 2006

**Comments:**  
View of the Boiler #3 manometer mounted to the wall of the steam turbine building. The manometer is located adjacent to the southeast of the subject property (view to the northeast).



**Photograph 6**

**Date:**  
January 19, 2006

**Comments:**  
View of the area formerly occupied by Boiler #2 (view facing east).



**Photograph 7**

**Date:**  
January 19, 2006

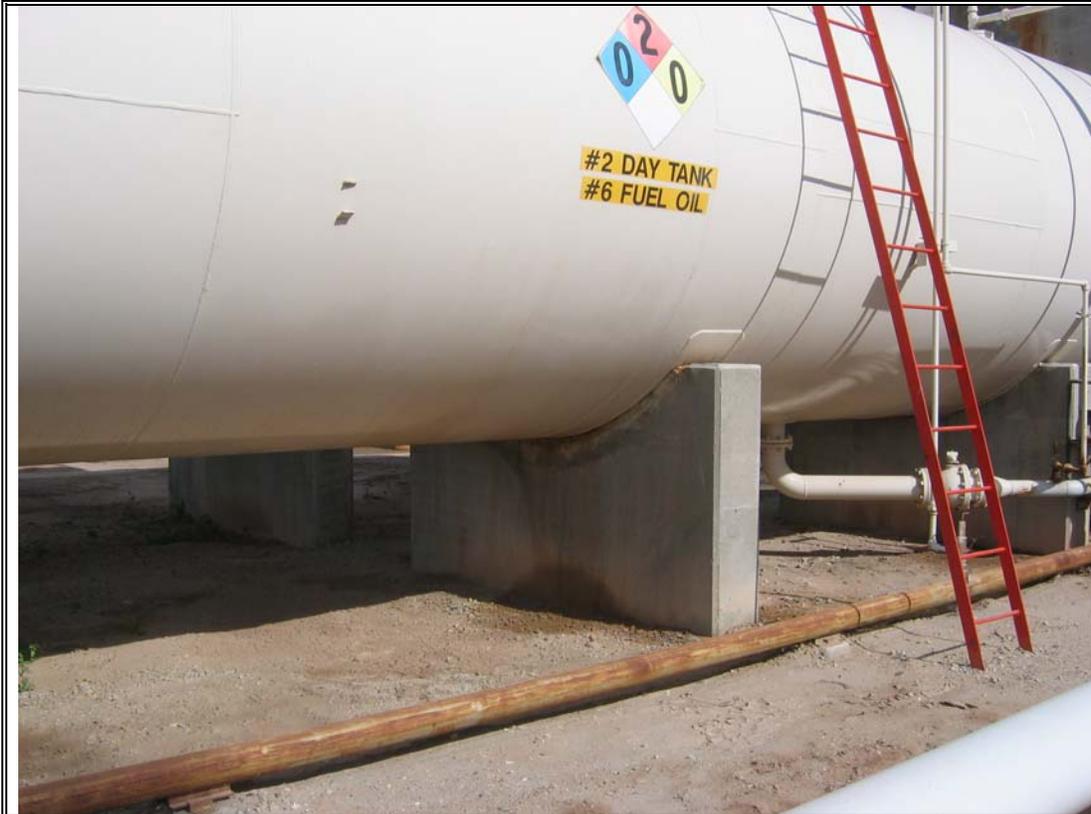
**Comments:** View of the area formerly occupied by Boiler #1 (view facing east).



**Photograph 8**

**Date:**  
January 19, 2006

**Comments:** View of Boilers #3 and #4 located adjacent to the south of the subject property (view facing southeast).



**Photograph 9**

**Date:**  
January 19, 2006

**Comments:** View of the stained concrete support beneath Day Tank #2 (view facing northeast).



**Photograph 10**

**Date:**  
January 19, 2006

**Comments:** View of the interior of the steam turbine building located adjacent to the east of the subject property (view facing southwest).



**Attachment B**  
**Aerial Photographs**



2B-14

CENTRAL DRAIN

W. DRAIN

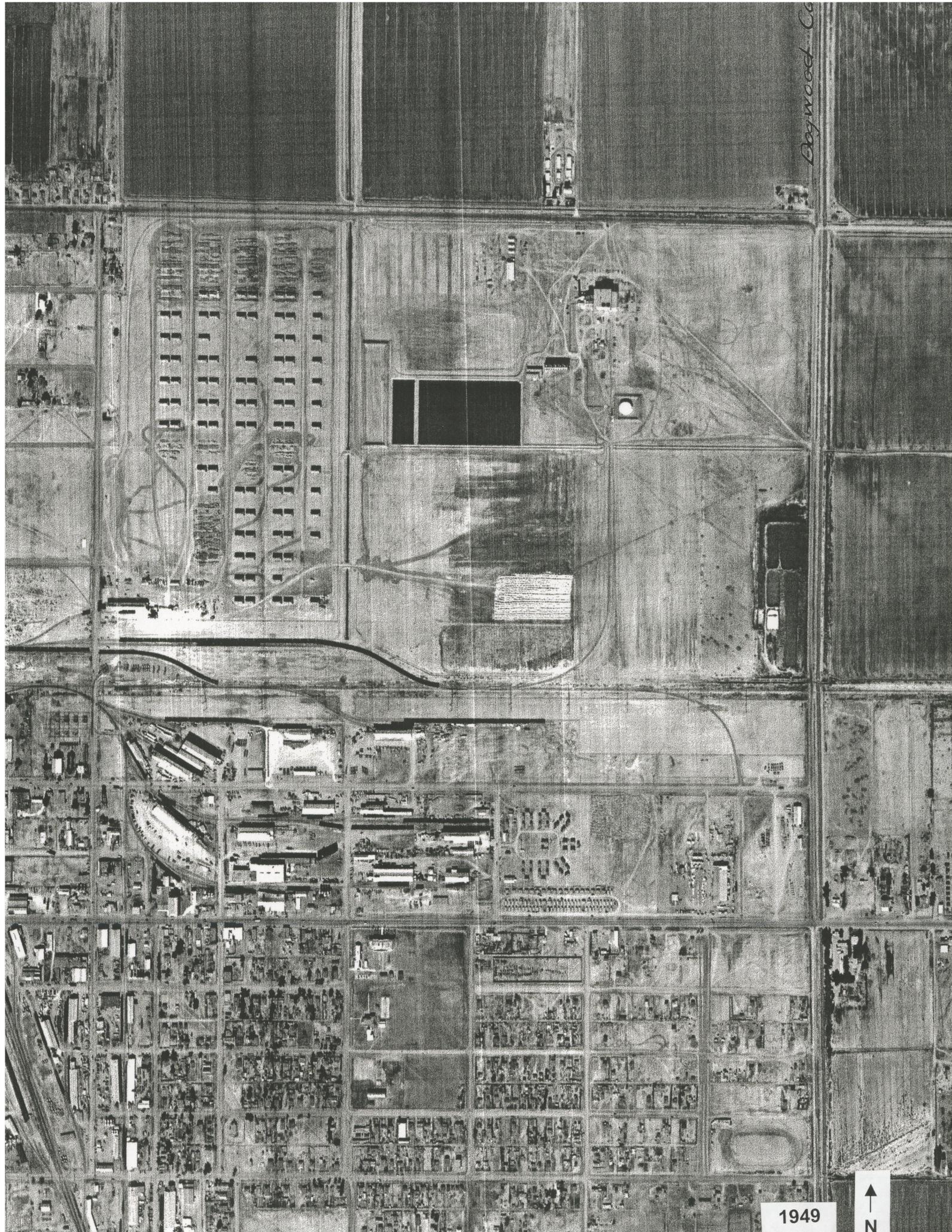
DOGWOOD CANAL

1945





Baywood Co



1949







*Central*

*US Highway 80*

1953





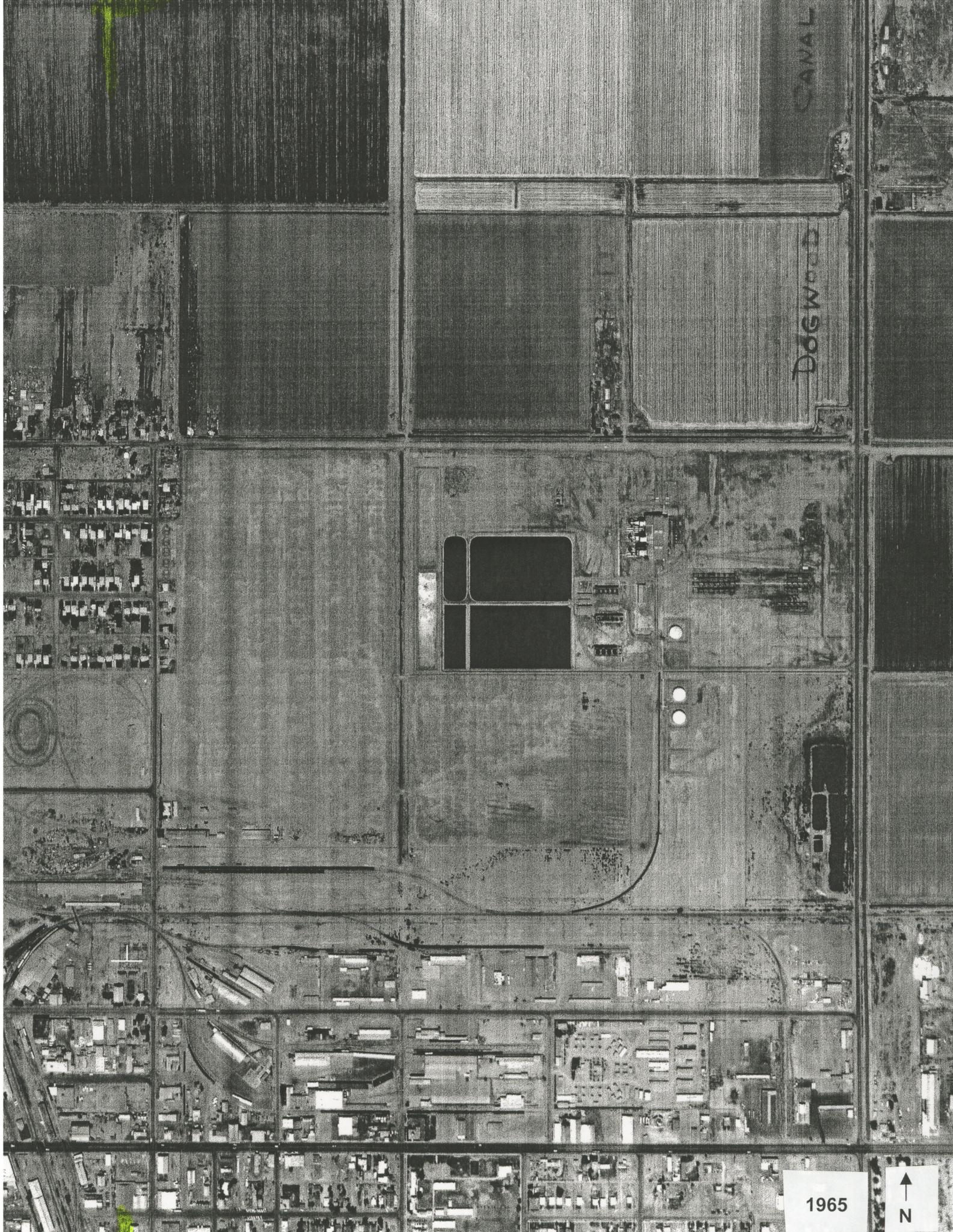


1959



N





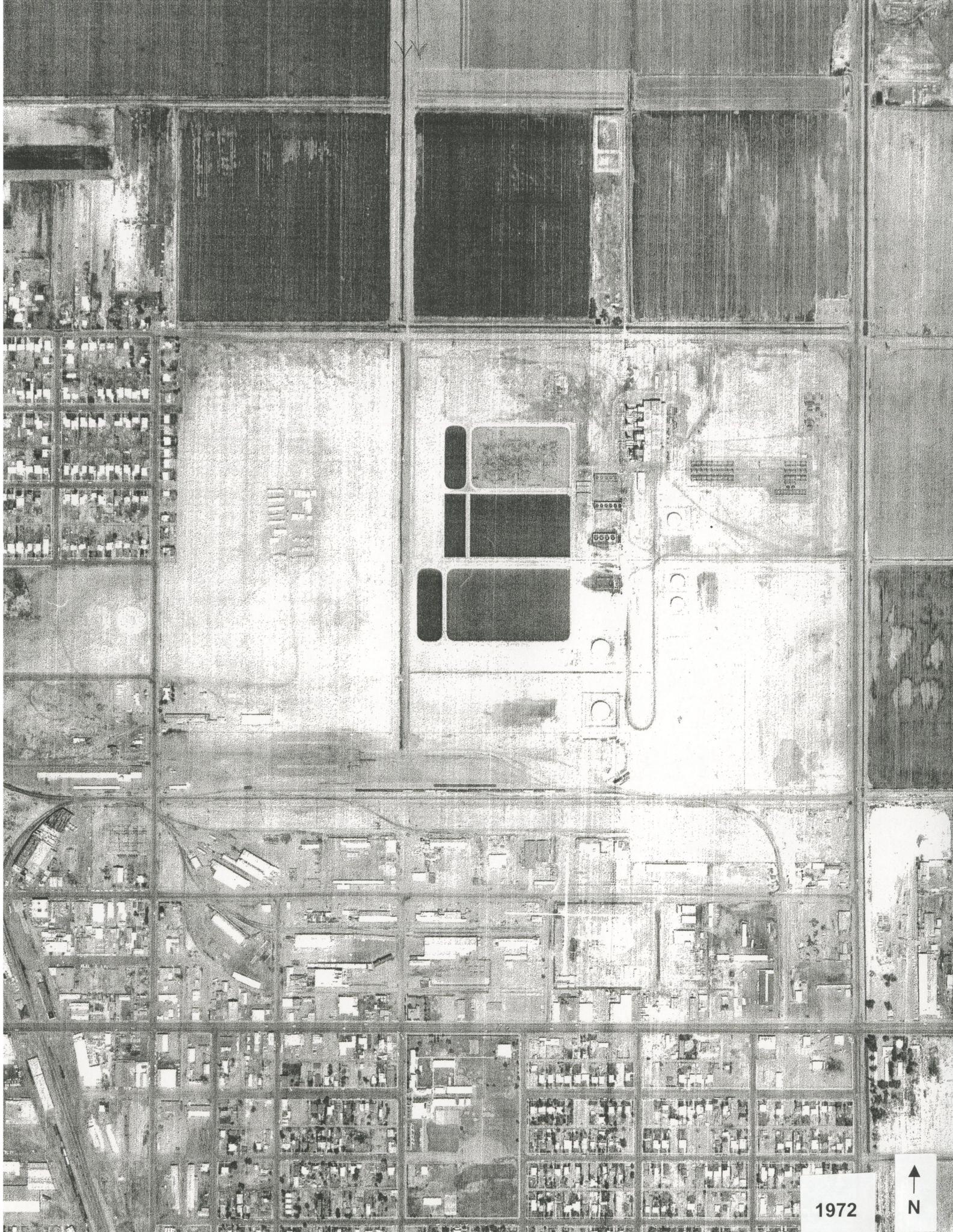
DOGWOOD

CANAL

1965



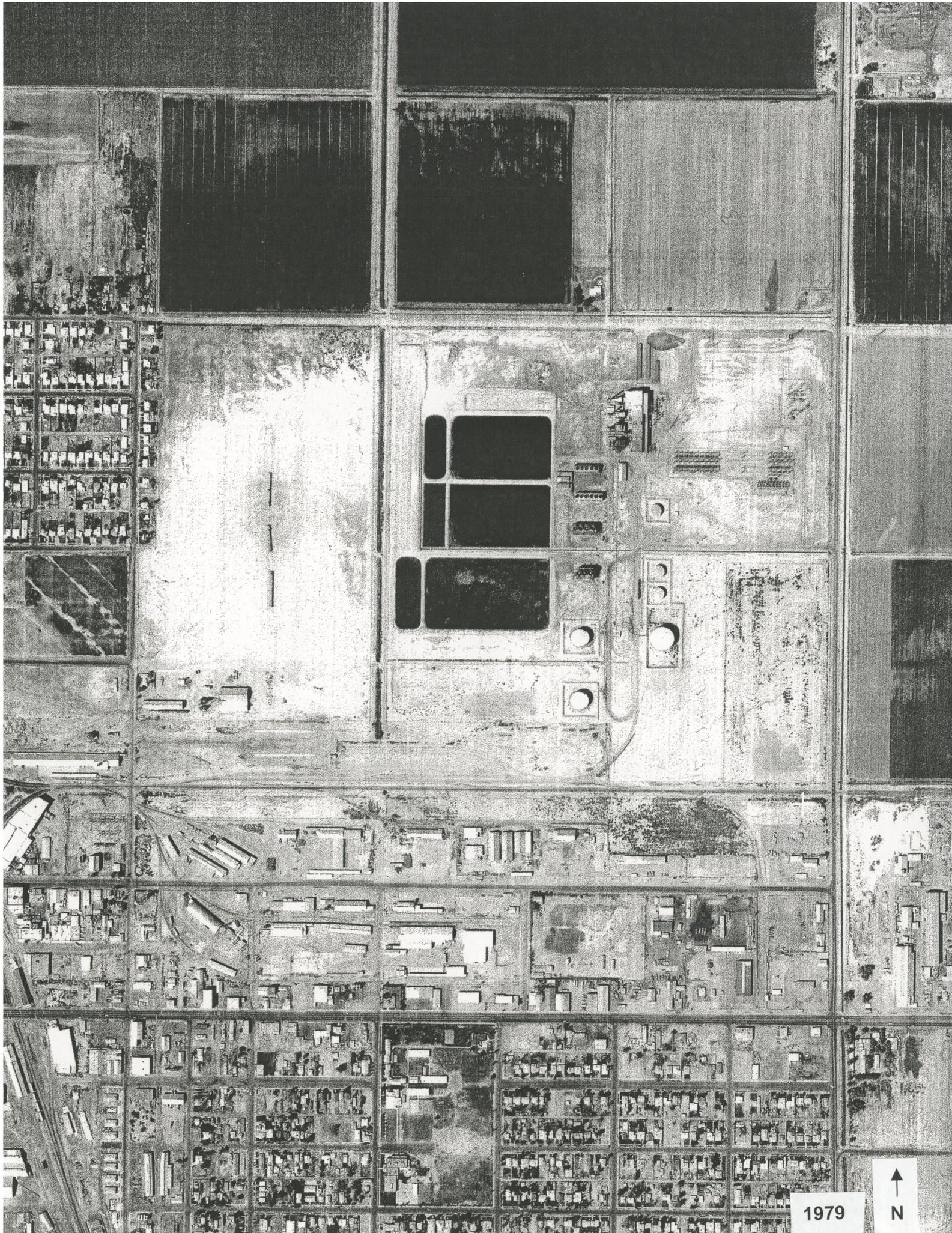




1972







1979



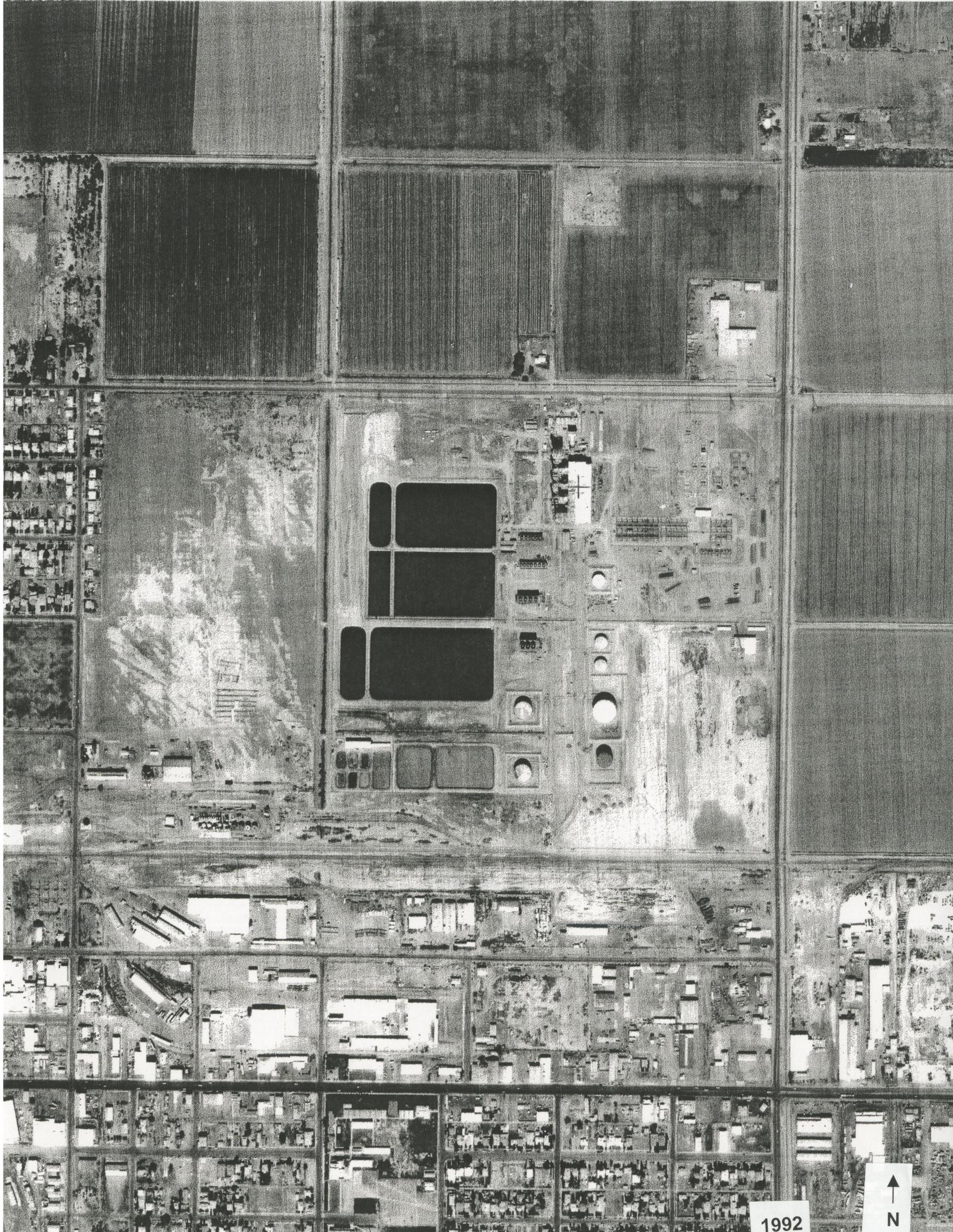




1984







1992







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

**El Centro Unit 3  
485 East Villa Road  
El Centro, CA 92243**

**Inquiry Number: 1596247.6**

**January 19, 2006**

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# THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs at one photo per decade.

## References

EPAs Standards and Practices for All Appropriate Inquiries (AAI), section 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of section 312.20. According to AAI, *"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."*

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following standard *historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

## Data Gaps

In order to address *data gaps*, additional sources of information may be consulted. According to the AAI, Section 312.20 (g), *"to the extent there are data gaps (as defined in section 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, *"historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met...If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."*

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Please contact EDR at 1-800-352-0050  
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Inquiry: 1596247.6 Year: 1996

Flyer: USGS

Scale: 1"=666'





**Attachment C**  
**Historical Topographic Maps**





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**EDR Historical  
Topographic Map  
Report**

**El Centro Unit 3  
485 East Villa Road  
El Centro, CA 92243**

**Inquiry Number: 1596247.4**

**January 19, 2006**

**The Standard in  
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# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR Historical Topographic Map Report includes a search of available public and private color historical topographic map collections. For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topographic maps covering the United States.

## References

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

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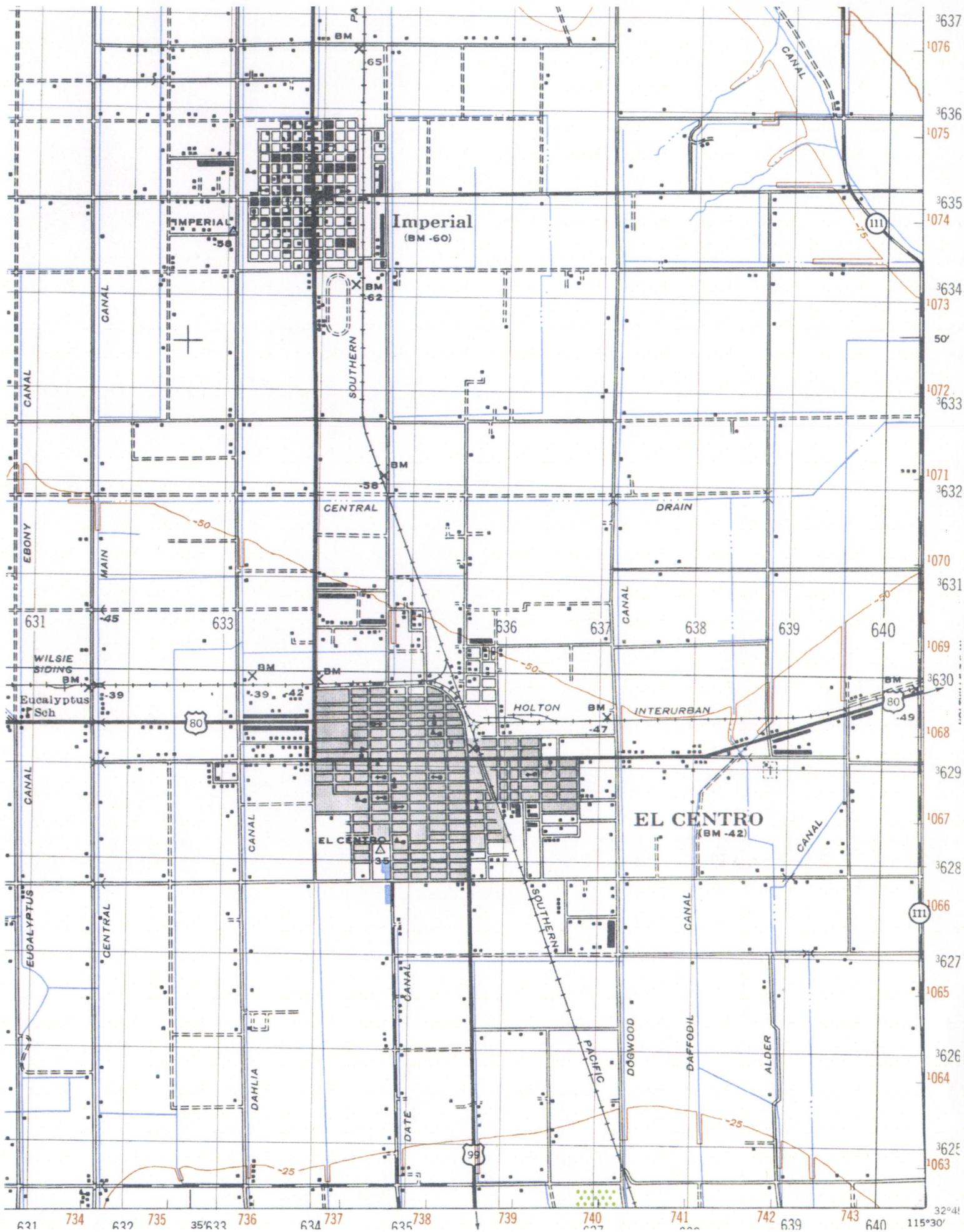
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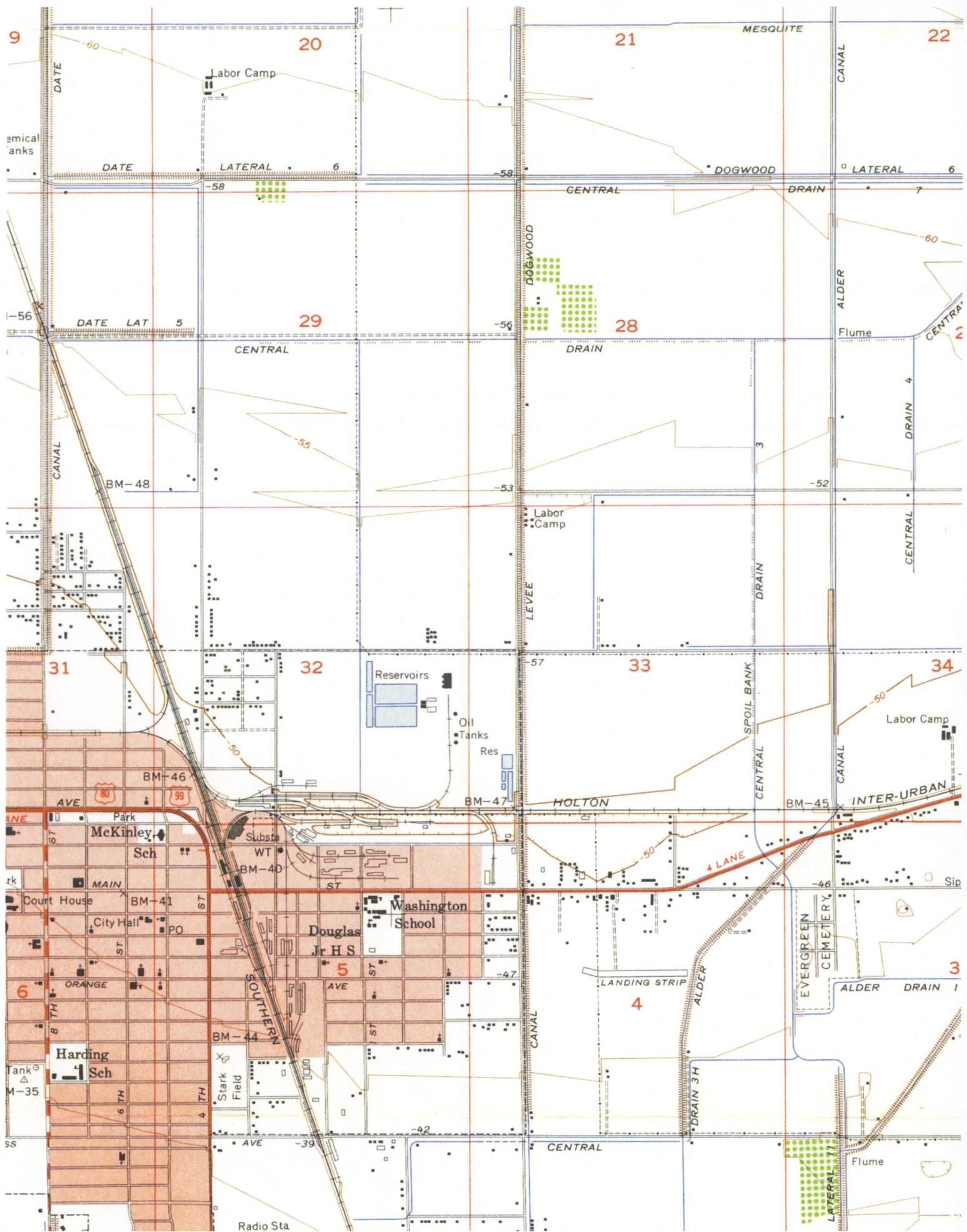
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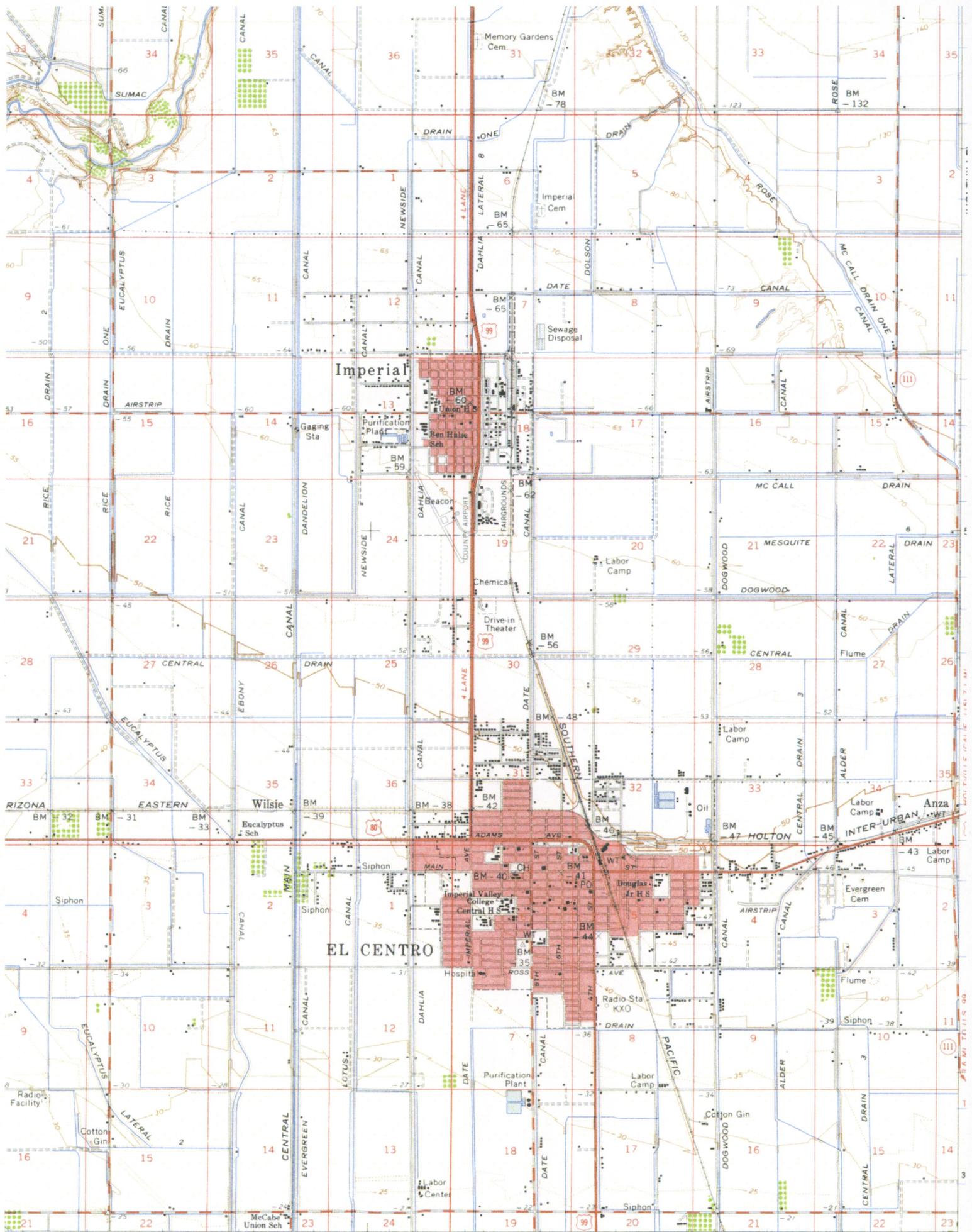




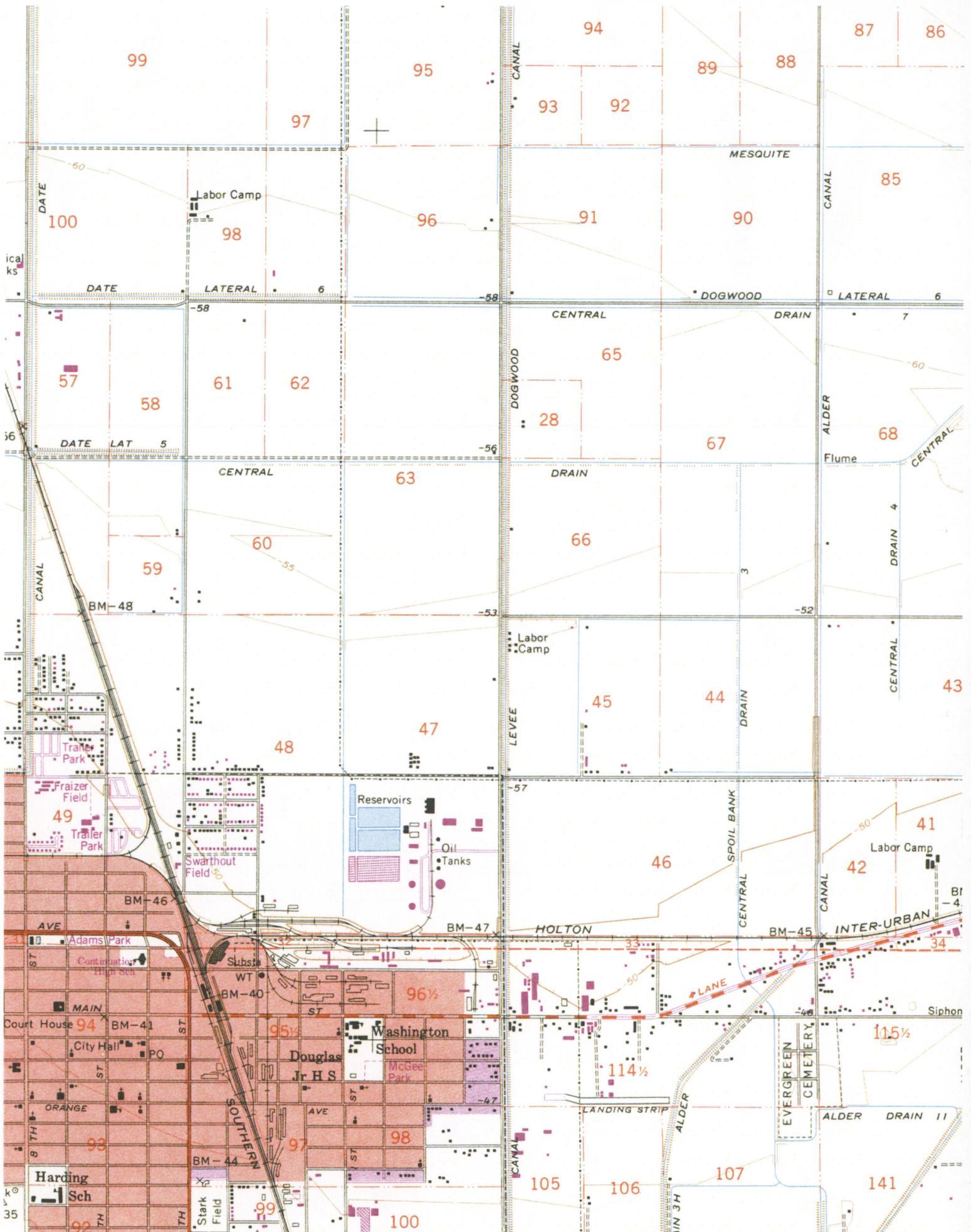














**Attachment D**  
**EDR Radius Map Report**





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

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**Inquiry Number: 1596247.2s**

**January 19, 2006**

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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

485 EAST VILLA ROAD  
EL CENTRO, CA 92243

#### COORDINATES

Latitude (North): 32.802600 - 32° 48' 9.4"  
Longitude (West): 115.540000 - 115° 32' 24.0"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 636699.2  
UTM Y (Meters): 3630156.8  
Elevation: 47 ft. below sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 32115-G5 EL CENTRO, CA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

#### FEDERAL RECORDS

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

## EXECUTIVE SUMMARY

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

### STATE AND LOCAL RECORDS

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

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
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## EXECUTIVE SUMMARY

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

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

### STATE AND LOCAL RECORDS

**NOTIFY 65:** Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION #90977	390 WEST MAIN STREET	1/2 - 1 SW	3	6

### EDR PROPRIETARY RECORDS

**EDR 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.

A review of the Manufactured Gas Plants list, as provided by EDR, and dated 11/15/2005 has revealed that there are 2 Manufactured Gas Plants sites within approximately 1 mile of the target property.

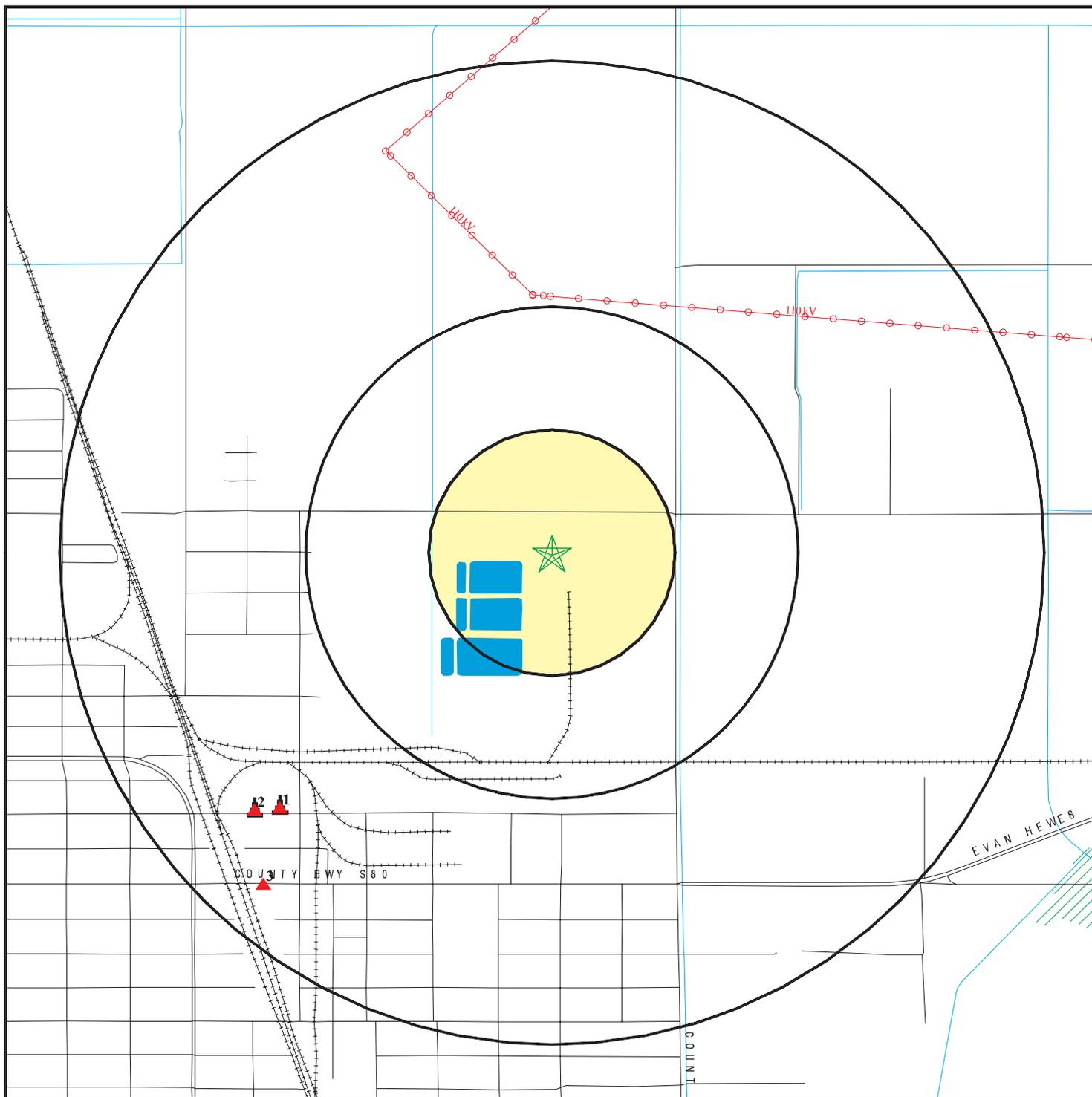
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HOLTON POWER CO GAS-ELECTRIC P	3RD AND COMMERCIAL	1/2 - 1 SW	1	6
IMPERIAL VALLEY GAS CO	COMMERCIAL AVE	1/2 - 1 SW	2	6

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
UNITED STATES GYPSUM	RCRA-SQG, FINDS, HAZNET, CA FID UST, HIST UST, CA WDS, SWEEPS UST
NAVAL AIR FACILITY EL CENTRO	Cal-Sites, AWP
BENNEY'S RENTALS	Notify 65, LUST, Cortese
GREYHOUND LINES BUS TERMINAL	Notify 65, LUST, Cortese
MCNEECE BROTHERS OIL COMP	LUST, Cortese
EL CENTRO NAVAL AIR STATI	Cortese
EL CENTRO MAINTENANCE YAR	LUST, Cortese
SCG - EL CENTRO TOWNE SIT	Cortese
IMPERIAL IRR DIST, EL CENTRO	Toxic Pits
NAF EL CENTRO TANK 110	LUST
NAF EL CENTRO TANK 422	LUST
NAF EL CENTRO TANK 333	LUST
NAF EL CENTRO NEX GAS STATION-TKS	LUST
OREPEZA SANITATION COMPANY	LUST
NAF EL CENTRO TANK 319	LUST
NAF EL CENTRO TANK 331	LUST
NAF EL CENTRO TANK 410	LUST
NAF EL CENTRO TANK 145	LUST
NAF EL CENTRO TANK 533	LUST
NAF EL CENTRO TANKS 272A/272B/272C	LUST
NAF EL CENTRO TANK 539	LUST
NAF EL CENTRO TANK 130	LUST
NAF EL CENTRO TANK 438	LUST
NAF EL CENTRO TANK 529	LUST
NAF EL CENTRO TANK 434	LUST
NAF EL CENTRO IR SITE 7, ABANDONDE	LUST
NAF EL CENTRO TANK 459	LUST
NAF EL CENTRO TANK #332 (F)	LUST
EL CENTRO HOT PLANT	HIST UST
USA PETROLEUM COMPANY #128	HAZNET, HIST UST
EL CENTRO HOT PLANT	CA FID UST
CITY OF EL CENTRO	CA FID UST
TRUCK STOP 111	AST
EL CENTRO STEAM PLANT 86-007	WMUDS/SWAT
EL CENTRO GEO WELLS NO. 1 & 2	WMUDS/SWAT
CITY OF EL CENTRO	HAZNET
EL CENTRO MOTORS	HAZNET
EL CENTRO MOTORS	RCRA-SQG, FINDS, HAZNET
1X EL CENTRO SCHOOL DIST	HAZNET
IMPERIAL IRRIGATION DISTRICT	SLIC
SOUTHERN CALIFORNIA GAS CO. EL CEN	SLIC
US NAVY EL CENTRO 90 052	CA WDS
EL CENTRO WWTP	CA WDS
IMPERIAL IRRIGATION DIST EL CENTRO	REF

# OVERVIEW MAP - 1596247.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

▣ National Priority List Sites

▣ Landfill Sites

▣ Dept. Defense Sites

▣ Indian Reservations BIA

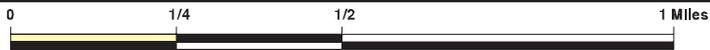
⚡ Power transmission lines

⚡ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▣ Areas of Concern

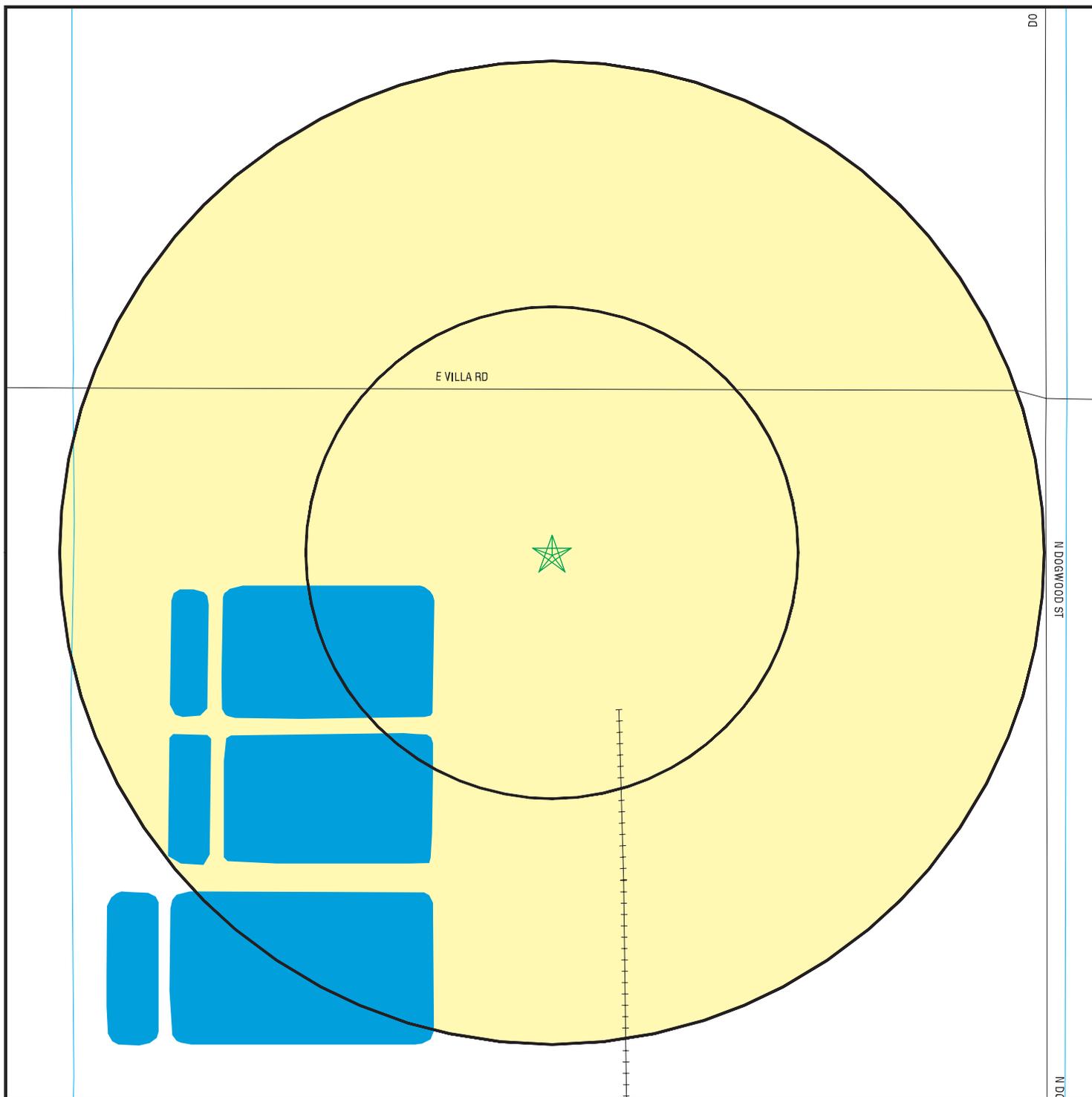


SITE NAME: EI Centro Unit 3  
 ADDRESS: 485 East Villa Road  
 EI Centro CA 92243  
 LAT/LONG: 32.8026 / 115.5400

CLIENT: URS Corporation  
 CONTACT: Heather Couper  
 INQUIRY #: 1596247.2s  
 DATE: January 19, 2006

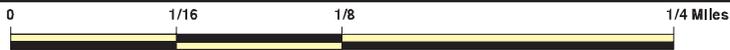


# DETAIL MAP - 1596247.2s



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

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



SITE NAME: EI Centro Unit 3  
 ADDRESS: 485 East Villa Road  
 EI Centro CA 92243  
 LAT/LONG: 32.8026 / 115.5400

CLIENT: URS Corporation  
 CONTACT: Heather Couper  
 INQUIRY #: 1596247.2s  
 DATE: January 19, 2006



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	1	NR	1
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	2	NR	2

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
1	SW	1/2-1	3995 ft.		<b>HOLTON POWER CO GAS-ELECTRIC PLANT</b> <b>3RD AND COMMERCIAL</b> <b>EL CENTRO, CA 92243</b>	<b>Manufactured Gas Plants</b>	<b>1008407672</b> <b>N/A</b>	
<b>Relative:</b> <b>Higher</b>								
<b>Actual:</b> <b>-43 ft.</b>								
<hr/>								
2	SW	1/2-1	4214 ft.		<b>IMPERIAL VALLEY GAS CO</b> <b>COMMERCIAL AVE</b> <b>EL CENTRO, CA 92243</b>	<b>Manufactured Gas Plants</b>	<b>1008407673</b> <b>N/A</b>	
<b>Relative:</b> <b>Higher</b>								
<b>Actual:</b> <b>-41 ft.</b>								
<hr/>								
3	SW	1/2-1	4710 ft.		<b>CHEVRON STATION #90977</b> <b>390 WEST MAIN STREET</b> <b>EL CENTRO, CA 92243</b>	<b>Notify 65</b>	<b>S100179072</b> <b>N/A</b>	
<b>Relative:</b> <b>Higher</b>								
<b>Actual:</b> <b>-41 ft.</b>								
NOTIFY 65: Date Reported: Not reported    Staff Initials: Not reported Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Incident Description: 92243-3041								



ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL CENTRO	S105180883	NAF EL CENTRO TANK 110	SOUTHEAST CORNER OF BLDG 110		LUST
EL CENTRO	S105180686	NAF EL CENTRO TANK 422	SOUTHWEST CORNER BLDG 422		LUST
EL CENTRO	S101480320	IMPERIAL IRRIGATION DIST EL CENTRO	SW CORNER OF DOGWOOD / VILLA R	92243	REF
EL CENTRO	S106388980	IMPERIAL IRRIGATION DISTRICT	DATE CANAL DITCH EAST OF HWY 8		SLIC
EL CENTRO	S103442566	EL CENTRO STEAM PLANT 86-007	DOGWOOD ROAD		WMUDS/SWAT
EL CENTRO	S104406230	MCNEECE BROTHERS OIL COMP	1870 B DOGWOOD	92243	LUST, Cortese
EL CENTRO	1001935044	CITY OF EL CENTRO	3010 S. EIGHT STREET	92243	HAZNET
EL CENTRO	S103443212	EL CENTRO GEO WELLS NO. 1 & 2	EUCLED AVE AT FIRST ST		WMUDS/SWAT
EL CENTRO	1000399364	UNITED STATES GYPSUM	3810 W EVAN HEWES HWY	92243	RCRA-SQG, FINDS, HAZNET, CA FID UST, HIST UST, CA WDS, SWEEPS UST
EL CENTRO	S105180690	NAF EL CENTRO TANK 333	NORTH EXTERIOR OF BLDG 333		LUST
EL CENTRO	S105180928	NAF EL CENTRO NEX GAS STATION-TKS	FIRST STREET, BLDG 200, GAS ST		LUST
EL CENTRO	S107148315	EL CENTRO MOTORS	1520 W FORD DR	92243	HAZNET
EL CENTRO	S106388944	SOUTHERN CALIFORNIA GAS CO. EL CEN	970 NORTH FOURTH STREET	92243	SLIC
EL CENTRO	U001573888	EL CENTRO HOT PLANT	51 EAST HIGHWAY 80	92243	HIST UST
EL CENTRO	S101619128	EL CENTRO HOT PLANT	51 E HIGHWAY 80	92243	CA FID UST
EL CENTRO	S102434724	OREPEZA SANITATION COMPANY	207 EAST HIGHWAY 80		LUST
EL CENTRO	A100226682	TRUCK STOP 111	1963 S. HWY. 111	92243	AST
EL CENTRO	U001573937	USA PETROLEUM COMPANY #128	960 IMPERIAL HWY	92243	HAZNET, HIST UST
EL CENTRO	S100179081	BENNEY'S RENTALS	196 MAIN STREET		Notify 65, LUST, Cortese
EL CENTRO	S106448479	NAF EL CENTRO TANK 319	MOUNTAIN VIEW DR.	92243	LUST
EL CENTRO	S106104671	US NAVY EL CENTRO 90 052	NAVAL AIR FACILITY BLDG 504		CA WDS
EL CENTRO	S105180930	NAF EL CENTRO TANK 331	NORTH/CENTRAL EXTERIOR BLDG 33		LUST
EL CENTRO	S105180881	NAF EL CENTRO TANK 410	NORTH/CENTRAL SIDE OF BLDG 410		LUST
EL CENTRO	S106104676	EL CENTRO WWTP	P O BOX 4450		CA WDS
EL CENTRO	S105181379	NAF EL CENTRO TANK 145	NORTHWEST OF BLDG 145, SOUTH O		LUST
EL CENTRO	S105181344	NAF EL CENTRO TANK 533	EAST OF BLDG 533		LUST
EL CENTRO	S105181188	NAF EL CENTRO TANKS 272A/272B/272C	WEST OF BLDG 200, THE NEX GAS		LUST
EL CENTRO	S105180688	NAF EL CENTRO TANK 539	SOUTH OF BLDG 528		LUST
EL CENTRO	S105180618	NAF EL CENTRO TANK 130	EAST OF A STR.		LUST
EL CENTRO	S105180617	NAF EL CENTRO TANK 438	EAST OF C STR, SOUTH OF NORTH		LUST
EL CENTRO	S106152957	NAF EL CENTRO TANK 529	SOUTH OF 8TH STR, BTWN J / G		LUST
EL CENTRO	S106800170	NAVAL AIR FACILITY EL CENTRO	OFF OLD HWY 80, 7 MILES W OF E		LUST
EL CENTRO	S105023598	EL CENTRO NAVAL AIR STATI	OFF OLD HWY 80 7 MI W. OF		Cal-Sites, AWP
EL CENTRO	S106716372	NAF EL CENTRO TANK 434	OPEN AREA BETWEEN D / WEST ST.		Cortese
EL CENTRO	S101582184	CITY OF EL CENTRO	320 ORANGE AVE	92243	LUST
EL CENTRO	S101294957	EL CENTRO MAINTENANCE YAR	320 ORANGE	92243	LUST
EL CENTRO	S105693795	NAF EL CENTRO IR SITE 7, ABANDONDE	RUNWAY 08/26 / TAXIWAY "G"		LUST
EL CENTRO	S105181331	NAF EL CENTRO TANK 459	WEST SIDE OF BLDG 459	92243	CA FID UST
EL CENTRO	S105023616	SCG - EL CENTRO TOWNE SIT	4TH ST	92243	LUST, Cortese
EL CENTRO	1000857413	EL CENTRO MOTORS	422 STATE ST		LUST
EL CENTRO	U000302025	GREYHOUND LINES BUS TERMINAL	460 STATE		Cortese
				92243	RCRA-SQG, FINDS, HAZNET
					Notify 65, LUST, Cortese

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL CENTRO	S100676368	IMPERIAL IRR DIST, EL CENTRO	STEAM PLANT/ DOGWOOD ROAD		Toxic Pits
EL CENTRO	S106875575	NAF EL CENTRO TANK #332 (F)	1605 THIRD ST.	92243	LUST
EL CENTRO	S103947078	1X EL CENTRO SCHOOL DIST	WILSON JR HIGH SCHOOL	92243	HAZNET

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **FEDERAL RECORDS**

### **NPL: National Priority List**

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

Date of Government Version: 10/14/05	Source: EPA
Date Data Arrived at EDR: 11/02/05	Telephone: N/A
Date Made Active in Reports: 12/07/05	Last EDR Contact: 11/02/05
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/30/06
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 8  
Telephone: 303-312-6774

EPA Region 4  
Telephone 404-562-8033

### **Proposed NPL: Proposed National Priority List Sites**

Date of Government Version: 10/14/05	Source: EPA
Date Data Arrived at EDR: 11/02/05	Telephone: N/A
Date Made Active in Reports: 12/07/05	Last EDR Contact: 11/02/05
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/30/06
	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: 10/14/05	Source: EPA
Date Data Arrived at EDR: 11/02/05	Telephone: N/A
Date Made Active in Reports: 12/07/05	Last EDR Contact: 11/02/05
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/30/06
	Data Release Frequency: Quarterly

### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91  
Date Data Arrived at EDR: 02/02/94  
Date Made Active in Reports: 03/30/94  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 11/21/05  
Next Scheduled EDR Contact: 02/20/06  
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: 09/19/05  
Date Data Arrived at EDR: 10/21/05  
Date Made Active in Reports: 10/27/05  
Number of Days to Update: 6

Source: EPA  
Telephone: 703-413-0223  
Last EDR Contact: 12/21/05  
Next Scheduled EDR Contact: 03/20/06  
Data Release Frequency: Quarterly

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

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/22/05  
Date Data Arrived at EDR: 09/20/05  
Date Made Active in Reports: 10/27/05  
Number of Days to Update: 37

Source: EPA  
Telephone: 703-413-0223  
Last EDR Contact: 12/21/05  
Next Scheduled EDR Contact: 03/20/06  
Data Release Frequency: Quarterly

### **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 10/13/05  
Date Data Arrived at EDR: 10/27/05  
Date Made Active in Reports: 12/07/05  
Number of Days to Update: 41

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 12/06/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: Quarterly

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/14/05	Source: EPA
Date Data Arrived at EDR: 10/27/05	Telephone: 800-424-9346
Date Made Active in Reports: 12/07/05	Last EDR Contact: 12/28/05
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/27/06
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/31/04	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/27/05	Telephone: 202-260-2342
Date Made Active in Reports: 03/24/05	Last EDR Contact: 01/12/06
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/24/06
	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: 08/17/05	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/05	Telephone: 202-366-4555
Date Made Active in Reports: 12/07/05	Last EDR Contact: 01/16/06
Number of Days to Update: 50	Next Scheduled EDR Contact: 04/17/06
	Data Release Frequency: Annually

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

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

Date of Government Version: 08/02/05	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/12/05	Telephone: 703-603-8867
Date Made Active in Reports: 10/06/05	Last EDR Contact: 01/03/06
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/03/06
	Data Release Frequency: Varies

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

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

Date of Government Version: 01/10/05	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/11/05	Telephone: 703-603-8867
Date Made Active in Reports: 04/06/05	Last EDR Contact: 01/03/06
Number of Days to Update: 54	Next Scheduled EDR Contact: 04/03/06
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 12/31/04	Source: USGS
Date Data Arrived at EDR: 02/08/05	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/05	Last EDR Contact: 11/11/05
Number of Days to Update: 177	Next Scheduled EDR Contact: 02/06/06
	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: 12/31/04	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 06/29/05	Telephone: 202-528-4285
Date Made Active in Reports: 08/08/05	Last EDR Contact: 01/19/06
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/03/06
	Data Release Frequency: Varies

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

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

Date of Government Version: 08/18/05	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/18/05	Telephone: 202-566-2777
Date Made Active in Reports: 10/06/05	Last EDR Contact: 11/30/05
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/13/06
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 12/14/04	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/05	Telephone: Varies
Date Made Active in Reports: 04/25/05	Last EDR Contact: 10/31/05
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/23/06
	Data Release Frequency: Varies

## **ROD:** Records Of Decision

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

Date of Government Version: 10/07/05	Source: EPA
Date Data Arrived at EDR: 10/20/05	Telephone: 703-416-0223
Date Made Active in Reports: 12/07/05	Last EDR Contact: 01/04/06
Number of Days to Update: 48	Next Scheduled EDR Contact: 04/03/06
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04  
Date Data Arrived at EDR: 01/07/05  
Date Made Active in Reports: 03/14/05  
Number of Days to Update: 66

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 10/28/05  
Next Scheduled EDR Contact: 12/19/05  
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: 06/30/85  
Date Data Arrived at EDR: 08/09/04  
Date Made Active in Reports: 09/17/04  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/04  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 12/31/03  
Date Data Arrived at EDR: 07/13/05  
Date Made Active in Reports: 08/17/05  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 12/21/05  
Next Scheduled EDR Contact: 03/20/06  
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: 12/31/02  
Date Data Arrived at EDR: 04/27/04  
Date Made Active in Reports: 05/21/04  
Number of Days to Update: 24

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 10/12/05  
Date Data Arrived at EDR: 10/31/05  
Date Made Active in Reports: 12/20/05  
Number of Days to Update: 50

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 09/19/05  
Next Scheduled EDR Contact: 12/19/05  
Data Release Frequency: Quarterly

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/05  
Date Data Arrived at EDR: 10/31/05  
Date Made Active in Reports: 12/20/05  
Number of Days to Update: 50

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 09/19/05  
Next Scheduled EDR Contact: 12/19/05  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/31/03  
Date Data Arrived at EDR: 01/03/05  
Date Made Active in Reports: 01/25/05  
Number of Days to Update: 22

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
Data Release Frequency: Annually

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

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

Date of Government Version: 08/30/05  
Date Data Arrived at EDR: 09/13/05  
Date Made Active in Reports: 10/27/05  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 12/29/05  
Next Scheduled EDR Contact: 02/06/06  
Data Release Frequency: Annually

## **MLTS:** Material Licensing Tracking System

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

Date of Government Version: 10/18/05  
Date Data Arrived at EDR: 10/31/05  
Date Made Active in Reports: 12/20/05  
Number of Days to Update: 50

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 01/03/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 08/12/05  
Date Data Arrived at EDR: 09/27/05  
Date Made Active in Reports: 11/14/05  
Number of Days to Update: 48

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/27/05  
Next Scheduled EDR Contact: 03/27/06  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 09/29/05  
Date Data Arrived at EDR: 10/04/05  
Date Made Active in Reports: 11/14/05  
Number of Days to Update: 41

Source: EPA  
Telephone: N/A  
Last EDR Contact: 01/03/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 04/17/95  
Date Data Arrived at EDR: 07/03/95  
Date Made Active in Reports: 08/07/95  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 03/06/06  
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: 12/31/03  
Date Data Arrived at EDR: 06/17/05  
Date Made Active in Reports: 08/04/05  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 09/12/05  
Next Scheduled EDR Contact: 12/12/05  
Data Release Frequency: Biennially

## **STATE AND LOCAL RECORDS**

### **AWP:** Annual Workplan Sites

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

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/29/05  
Date Made Active in Reports: 09/21/05  
Number of Days to Update: 23

Source: California Environmental Protection Agency  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/05  
Next Scheduled EDR Contact: 02/27/06  
Data Release Frequency: Annually

### **CAL-SITES:** Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/29/05  
Date Made Active in Reports: 09/21/05  
Number of Days to Update: 23

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/05  
Next Scheduled EDR Contact: 01/30/06  
Data Release Frequency: Quarterly

### **CA BOND EXP. PLAN:** Bond Expenditure Plan

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

Date of Government Version: 01/01/89  
Date Data Arrived at EDR: 07/27/94  
Date Made Active in Reports: 08/02/94  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/94  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **NFA:** No Further Action Determination

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/29/05  
Date Made Active in Reports: 10/06/05  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/05  
Next Scheduled EDR Contact: 02/27/06  
Data Release Frequency: Quarterly

**NFE:** Properties Needing Further Evaluation

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

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/29/05  
Date Made Active in Reports: 09/21/05  
Number of Days to Update: 23

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/05  
Next Scheduled EDR Contact: 02/27/06  
Data Release Frequency: Quarterly

**REF:** Unconfirmed Properties Referred to Another Agency

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

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/29/05  
Date Made Active in Reports: 10/06/05  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/05  
Next Scheduled EDR Contact: 02/27/06  
Data Release Frequency: Quarterly

**SCH:** School Property Evaluation Program

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

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/29/05  
Date Made Active in Reports: 10/06/05  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/05  
Next Scheduled EDR Contact: 02/27/06  
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: 07/01/95  
Date Data Arrived at EDR: 08/30/95  
Date Made Active in Reports: 09/26/95  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 10/31/05  
Next Scheduled EDR Contact: 01/30/06  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 12/08/05  
Date Data Arrived at EDR: 12/13/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 37

Source: Integrated Waste Management Board  
Telephone: 916-341-6320  
Last EDR Contact: 12/13/05  
Next Scheduled EDR Contact: 03/13/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/05	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/21/05	Telephone: 916-341-5227
Date Made Active in Reports: 01/19/06	Last EDR Contact: 12/21/05
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/20/06
	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: 04/01/00	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/00	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/00	Last EDR Contact: 12/05/05
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/19/05
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/01/01	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/01	Telephone: 916-323-9100
Date Made Active in Reports: 07/26/01	Last EDR Contact: 10/26/05
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/23/06
	Data Release Frequency: No Update Planned

## **SWRCY:** Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 10/03/05	Source: Department of Conservation
Date Data Arrived at EDR: 10/10/05	Telephone: 916-323-3836
Date Made Active in Reports: 10/31/05	Last EDR Contact: 01/09/06
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/10/06
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 09/09/03	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/03	Telephone: 916-542-5424
Date Made Active in Reports: 10/07/03	Last EDR Contact: 12/05/05
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/06/06
	Data Release Frequency: No Update Planned

## **LUST REG 5:** Leaking Underground Storage Tank Database

Date of Government Version: 10/01/05	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 10/20/05	Telephone: 916-464-3291
Date Made Active in Reports: 10/31/05	Last EDR Contact: 01/16/06
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/03/06
	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: 09/07/04  
Date Data Arrived at EDR: 09/07/04  
Date Made Active in Reports: 10/12/04  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 12/27/05  
Next Scheduled EDR Contact: 03/27/06  
Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/03  
Date Data Arrived at EDR: 05/19/03  
Date Made Active in Reports: 06/02/03  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 11/14/05  
Next Scheduled EDR Contact: 02/13/06  
Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/04  
Date Data Arrived at EDR: 10/20/04  
Date Made Active in Reports: 11/19/04  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 01/09/06  
Next Scheduled EDR Contact: 04/10/06  
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: 02/01/01  
Date Data Arrived at EDR: 02/28/01  
Date Made Active in Reports: 03/29/01  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-576-2220  
Last EDR Contact: 11/21/05  
Next Scheduled EDR Contact: 02/20/06  
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.

Date of Government Version: 10/10/05  
Date Data Arrived at EDR: 10/10/05  
Date Made Active in Reports: 10/31/05  
Number of Days to Update: 21

Source: State Water Resources Control Board  
Contact: Imperial County Environmental Health Dept, (760) 482-4236  
Last EDR Contact: 01/09/06  
Next Scheduled EDR Contact: 04/10/06  
Data Release Frequency: Quarterly

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/05  
Date Data Arrived at EDR: 06/07/05  
Date Made Active in Reports: 06/29/05  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-346-7491  
Last EDR Contact: 01/04/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: No Update Planned

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/04  
Date Data Arrived at EDR: 02/26/04  
Date Made Active in Reports: 03/24/04  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-346-7491  
Last EDR Contact: 12/27/05  
Next Scheduled EDR Contact: 03/27/06  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 02/14/05  
Date Data Arrived at EDR: 02/15/05  
Date Made Active in Reports: 03/28/05  
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-4130  
Last EDR Contact: 11/07/05  
Next Scheduled EDR Contact: 11/07/05  
Data Release Frequency: Varies

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

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
Data Release Frequency: No Update Planned

## **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: 10/31/94  
Date Data Arrived at EDR: 09/05/95  
Date Made Active in Reports: 09/29/95  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/98  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **SLIC:** Statewide SLIC Cases

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

Date of Government Version: 10/10/05  
Date Data Arrived at EDR: 10/10/05  
Date Made Active in Reports: 10/31/05  
Number of Days to Update: 21

Source: State Water Resources Control Board  
Contact: Imperial County Environmental Health Dept, (760) 482-4236  
Last EDR Contact: 01/09/06  
Next Scheduled EDR Contact: 04/10/06  
Data Release Frequency: Varies

## **SLIC REG 1:** Active Toxic Site Investigations

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

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 11/21/05  
Next Scheduled EDR Contact: 02/20/06  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 09/30/04  
Date Data Arrived at EDR: 10/20/04  
Date Made Active in Reports: 11/19/04  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 01/09/06  
Next Scheduled EDR Contact: 04/10/06  
Data Release Frequency: Quarterly

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/16/05  
Date Data Arrived at EDR: 11/16/05  
Date Made Active in Reports: 12/12/05  
Number of Days to Update: 26

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 11/14/05  
Next Scheduled EDR Contact: 02/13/06  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/04  
Date Data Arrived at EDR: 11/18/04  
Date Made Active in Reports: 01/04/05  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 10/24/05  
Next Scheduled EDR Contact: 01/23/06  
Data Release Frequency: Varies

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Semi-Annually

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

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

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 01/06/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Semi-Annually

## **SLIC REG 6L:** SLIC Sites

Date of Government Version: 09/07/04  
Date Data Arrived at EDR: 09/07/04  
Date Made Active in Reports: 10/12/04  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: No Update Planned

## **SLIC REG 7:** SLIC List

Date of Government Version: 11/24/04  
Date Data Arrived at EDR: 11/29/04  
Date Made Active in Reports: 01/04/05  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 11/21/05  
Next Scheduled EDR Contact: 02/20/06  
Data Release Frequency: No Update Planned

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

Date of Government Version: 07/01/04  
Date Data Arrived at EDR: 08/10/04  
Date Made Active in Reports: 09/08/04  
Number of Days to Update: 29

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 01/17/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/14/05  
Date Data Arrived at EDR: 12/14/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 36

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 12/12/05  
Next Scheduled EDR Contact: 02/27/06  
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: 10/10/05  
Date Data Arrived at EDR: 10/10/05  
Date Made Active in Reports: 11/18/05  
Number of Days to Update: 39

Source: SWRCB  
Contact: Imperial County Environmental Health Dept, (760) 482-4236  
Last EDR Contact: 01/09/06  
Next Scheduled EDR Contact: 04/10/06  
Data Release Frequency: Semi-Annually

## HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90  
Date Data Arrived at EDR: 01/25/91  
Date Made Active in Reports: 02/12/91  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/01  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/05  
Date Data Arrived at EDR: 11/23/05  
Date Made Active in Reports: 12/15/05  
Number of Days to Update: 22

Source: State Water Resources Control Board  
Telephone: 916-341-5712  
Last EDR Contact: 11/22/05  
Next Scheduled EDR Contact: 01/30/06  
Data Release Frequency: Quarterly

## SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/94  
Date Data Arrived at EDR: 07/07/05  
Date Made Active in Reports: 08/11/05  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/05  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/04  
Date Data Arrived at EDR: 11/30/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 50

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 10/26/05  
Next Scheduled EDR Contact: 02/20/06  
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: 10/21/93  
Date Data Arrived at EDR: 11/01/93  
Date Made Active in Reports: 11/19/93  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DEED:** Deed Restriction Listing

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

Date of Government Version: 01/03/06  
Date Data Arrived at EDR: 01/04/06  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 15

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/03/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Semi-Annually

## **VCP:** Voluntary Cleanup Program Properties

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

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/29/05  
Date Made Active in Reports: 09/21/05  
Number of Days to Update: 23

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/30/05  
Next Scheduled EDR Contact: 02/27/06  
Data Release Frequency: Quarterly

## **CLEANERS:** Cleaner Facilities

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

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

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 01/04/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Annually

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

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

Date of Government Version: 11/07/05  
Date Data Arrived at EDR: 11/07/05  
Date Made Active in Reports: 11/29/05  
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 11/07/05  
Next Scheduled EDR Contact: 01/23/06  
Data Release Frequency: Varies

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

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

Date of Government Version: 12/31/03  
Date Data Arrived at EDR: 10/11/05  
Date Made Active in Reports: 10/31/05  
Number of Days to Update: 20

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 11/07/05  
Next Scheduled EDR Contact: 02/06/06  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **EMI:** Emissions Inventory Data

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

Date of Government Version: 12/31/03  
Date Data Arrived at EDR: 07/19/05  
Date Made Active in Reports: 08/11/05  
Number of Days to Update: 23

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
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: 12/31/04  
Date Data Arrived at EDR: 02/08/05  
Date Made Active in Reports: 08/04/05  
Number of Days to Update: 177

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 11/11/05  
Next Scheduled EDR Contact: 02/06/06  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 09/07/05  
Date Data Arrived at EDR: 09/08/05  
Date Made Active in Reports: 10/31/05  
Number of Days to Update: 53

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/10/06  
Next Scheduled EDR Contact: 05/22/06  
Data Release Frequency: Varies

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

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

Date of Government Version: 12/01/05  
Date Data Arrived at EDR: 01/03/06  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 11/21/05  
Next Scheduled EDR Contact: 02/20/06  
Data Release Frequency: Varies

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

Date of Government Version: 11/08/05  
Date Data Arrived at EDR: 11/09/05  
Date Made Active in Reports: 12/12/05  
Number of Days to Update: 33

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/21/05  
Next Scheduled EDR Contact: 02/20/06  
Data Release Frequency: Varies

## **EDR PROPRIETARY RECORDS**

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

Date of Government Version: 11/15/05  
Date Data Arrived at EDR: 12/05/05  
Date Made Active in Reports: 12/28/05  
Number of Days to Update: 23

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 03/13/06  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Underground Tanks

Date of Government Version: 11/08/05  
Date Data Arrived at EDR: 11/10/05  
Date Made Active in Reports: 12/08/05  
Number of Days to Update: 28

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/24/05  
Next Scheduled EDR Contact: 01/23/06  
Data Release Frequency: Semi-Annually

#### 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: 11/08/05  
Date Data Arrived at EDR: 11/15/05  
Date Made Active in Reports: 12/12/05  
Number of Days to Update: 27

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/24/05  
Next Scheduled EDR Contact: 01/23/06  
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: 12/09/05  
Date Data Arrived at EDR: 12/09/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 41

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 12/09/05  
Next Scheduled EDR Contact: 02/27/06  
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: 10/17/05  
Date Data Arrived at EDR: 10/18/05  
Date Made Active in Reports: 11/29/05  
Number of Days to Update: 42

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 01/18/06  
Next Scheduled EDR Contact: 05/08/06  
Data Release Frequency: Semi-Annually

### KERN COUNTY:

#### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/09/05  
Date Data Arrived at EDR: 12/09/05  
Date Made Active in Reports: 01/11/06  
Number of Days to Update: 33

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 02/27/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOS ANGELES COUNTY:

### List of Solid Waste Facilities

Date of Government Version: 11/01/05  
Date Data Arrived at EDR: 12/01/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 49

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 11/23/05  
Next Scheduled EDR Contact: 02/13/06  
Data Release Frequency: Varies

### City of El Segundo Underground Storage Tank

Date of Government Version: 11/14/05  
Date Data Arrived at EDR: 11/14/05  
Date Made Active in Reports: 12/08/05  
Number of Days to Update: 24

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 11/14/05  
Next Scheduled EDR Contact: 02/13/06  
Data Release Frequency: Semi-Annually

### City of Long Beach Underground Storage Tank

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

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 11/22/05  
Next Scheduled EDR Contact: 02/20/06  
Data Release Frequency: Annually

### City of Torrance Underground Storage Tank

Date of Government Version: 11/29/05  
Date Data Arrived at EDR: 12/01/05  
Date Made Active in Reports: 12/16/05  
Number of Days to Update: 15

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 11/28/05  
Next Scheduled EDR Contact: 02/13/06  
Data Release Frequency: Semi-Annually

### City of Los Angeles Landfills

Date of Government Version: 03/01/05  
Date Data Arrived at EDR: 03/18/05  
Date Made Active in Reports: 04/08/05  
Number of Days to Update: 21

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 12/13/05  
Next Scheduled EDR Contact: 03/13/06  
Data Release Frequency: Varies

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 08/31/05  
Date Data Arrived at EDR: 10/26/05  
Date Made Active in Reports: 11/29/05  
Number of Days to Update: 34

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 11/14/05  
Next Scheduled EDR Contact: 02/13/06  
Data Release Frequency: Semi-Annually

### Site Mitigation List

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

Date of Government Version: 05/25/05  
Date Data Arrived at EDR: 05/27/05  
Date Made Active in Reports: 07/01/05  
Number of Days to Update: 35

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 11/14/05  
Next Scheduled EDR Contact: 02/13/06  
Data Release Frequency: Annually

# 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: 12/31/98  
Date Data Arrived at EDR: 07/07/99  
Date Made Active in Reports: N/A  
Number of Days to Update: 35

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 07/06/99  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/08/05  
Date Data Arrived at EDR: 08/26/05  
Date Made Active in Reports: 09/28/05  
Number of Days to Update: 33

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 10/31/05  
Next Scheduled EDR Contact: 01/30/06  
Data Release Frequency: Semi-Annually

## NAPA COUNTY:

### Sites With Reported Contamination

Date of Government Version: 12/27/05  
Date Data Arrived at EDR: 12/28/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 22

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 12/27/05  
Next Scheduled EDR Contact: 03/27/06  
Data Release Frequency: Semi-Annually

### Closed and Operating Underground Storage Tank Sites

Date of Government Version: 12/27/05  
Date Data Arrived at EDR: 12/28/05  
Date Made Active in Reports: 01/11/06  
Number of Days to Update: 14

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 12/27/05  
Next Scheduled EDR Contact: 03/27/06  
Data Release Frequency: Annually

## ORANGE COUNTY:

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/05  
Date Data Arrived at EDR: 12/20/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 30

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 12/07/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/05  
Date Data Arrived at EDR: 12/16/05  
Date Made Active in Reports: 01/11/06  
Number of Days to Update: 26

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 12/07/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/01/05  
Date Data Arrived at EDR: 12/20/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 30

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 12/07/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: Annually

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/12/05  
Date Data Arrived at EDR: 10/12/05  
Date Made Active in Reports: 10/31/05  
Number of Days to Update: 19

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
Last EDR Contact: 12/20/05  
Next Scheduled EDR Contact: 03/20/06  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/22/05  
Date Data Arrived at EDR: 11/23/05  
Date Made Active in Reports: 12/12/05  
Number of Days to Update: 19

Source: Department of Public Health  
Telephone: 951-358-5055  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Date of Government Version: 11/22/05  
Date Data Arrived at EDR: 11/23/05  
Date Made Active in Reports: 12/16/05  
Number of Days to Update: 23

Source: Health Services Agency  
Telephone: 951-358-5055  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS - Contaminated Sites

Date of Government Version: 11/23/05  
Date Data Arrived at EDR: 12/16/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 34

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 12/02/05  
Next Scheduled EDR Contact: 01/30/06  
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: 11/23/05  
Date Data Arrived at EDR: 12/14/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 36

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 12/02/05  
Next Scheduled EDR Contact: 01/30/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN MATEO COUNTY:

### Fuel Leak List

Date of Government Version: 11/28/05  
Date Data Arrived at EDR: 11/28/05  
Date Made Active in Reports: 12/12/05  
Number of Days to Update: 14

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 01/09/06  
Next Scheduled EDR Contact: 04/10/06  
Data Release Frequency: Semi-Annually

### Business Inventory

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

Date of Government Version: 08/17/05  
Date Data Arrived at EDR: 08/17/05  
Date Made Active in Reports: 09/21/05  
Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 01/09/06  
Next Scheduled EDR Contact: 04/10/06  
Data Release Frequency: Annually

## SANTA CLARA COUNTY:

### LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 10/24/05  
Date Data Arrived at EDR: 11/28/05  
Date Made Active in Reports: 12/12/05  
Number of Days to Update: 14

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 12/27/05  
Next Scheduled EDR Contact: 03/27/06  
Data Release Frequency: No Update Planned

### 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: 03/29/05  
Date Data Arrived at EDR: 03/30/05  
Date Made Active in Reports: 04/21/05  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 12/27/05  
Next Scheduled EDR Contact: 03/27/06  
Data Release Frequency: Semi-Annually

### Hazardous Material Facilities

Date of Government Version: 12/12/05  
Date Data Arrived at EDR: 12/12/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 38

Source: City of San Jose Fire Department  
Telephone: 408-277-4659  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 12/19/05  
Data Release Frequency: Annually

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

Date of Government Version: 12/13/05  
Date Data Arrived at EDR: 12/14/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 36

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/12/05  
Next Scheduled EDR Contact: 03/13/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tanks

Date of Government Version: 10/13/05  
Date Data Arrived at EDR: 10/31/05  
Date Made Active in Reports: 12/08/05  
Number of Days to Update: 38

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/12/05  
Next Scheduled EDR Contact: 03/13/06  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

Date of Government Version: 10/01/05  
Date Data Arrived at EDR: 10/24/05  
Date Made Active in Reports: 10/31/05  
Number of Days to Update: 7

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 10/24/05  
Next Scheduled EDR Contact: 01/23/06  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Date of Government Version: 01/29/04  
Date Data Arrived at EDR: 01/29/04  
Date Made Active in Reports: 02/23/04  
Number of Days to Update: 25

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 01/03/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Semi-Annually

## VENTURA COUNTY:

### Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/05  
Date Data Arrived at EDR: 09/20/05  
Date Made Active in Reports: 10/06/05  
Number of Days to Update: 16

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 11/21/05  
Next Scheduled EDR Contact: 02/20/06  
Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/30/05  
Date Data Arrived at EDR: 01/03/06  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 16

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 12/14/05  
Next Scheduled EDR Contact: 03/13/06  
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: 09/28/05  
Date Data Arrived at EDR: 10/27/05  
Date Made Active in Reports: 11/18/05  
Number of Days to Update: 22

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 01/11/06  
Next Scheduled EDR Contact: 04/10/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

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

Date of Government Version: 12/21/05  
Date Data Arrived at EDR: 12/21/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 29

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/05  
Date Data Arrived at EDR: 12/29/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 21

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 12/12/05  
Next Scheduled EDR Contact: 02/20/06  
Data Release Frequency: Varies

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

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 01/06/06  
Next Scheduled EDR Contact: 04/03/06  
Data Release Frequency: Quarterly

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

Date of Government Version: 12/07/05  
Date Data Arrived at EDR: 12/07/05  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 43

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Date of Government Version: 12/07/05  
Date Data Arrived at EDR: 12/07/05  
Date Made Active in Reports: 01/11/06  
Number of Days to Update: 35

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 12/05/05  
Next Scheduled EDR Contact: 03/06/06  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 11/30/05  
Date Data Arrived at EDR: 01/04/06  
Date Made Active in Reports: 01/19/06  
Number of Days to Update: 15

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 12/14/05  
Next Scheduled EDR Contact: 03/13/06  
Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 10/18/05  
Date Data Arrived at EDR: 11/16/05  
Date Made Active in Reports: 12/08/05  
Number of Days to Update: 22

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 01/16/06  
Next Scheduled EDR Contact: 04/17/06  
Data Release Frequency: Annually

## OTHER DATABASE(S)

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

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

### Electric Power Transmission Line Data

Source: PennWell Corporation  
Telephone: (800) 823-6277

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

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## **Daycare Centers: Licensed Facilities**

Source: Department of Social Services

Telephone: 916-657-4041

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

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

## **STREET AND ADDRESS INFORMATION**

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

### TARGET PROPERTY ADDRESS

EL CENTRO UNIT 3  
485 EAST VILLA ROAD  
EL CENTRO, CA 92243

### TARGET PROPERTY COORDINATES

Latitude (North):	32.802601 - 32° 48' 9.4"
Longitude (West):	115.540001 - 115° 32' 24.0"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	636699.2
UTM Y (Meters):	3630156.8
Elevation:	47 ft. below sea level

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).

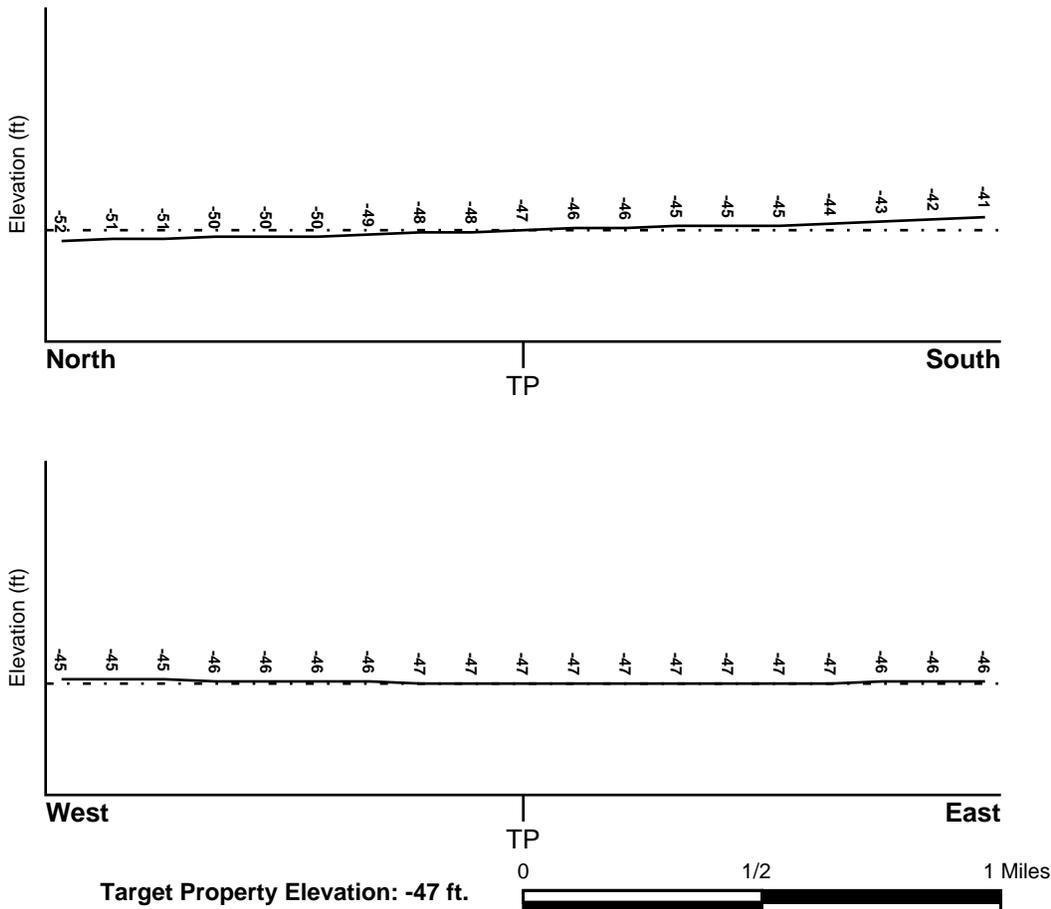
## TOPOGRAPHIC INFORMATION

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

USGS Topographic Map: 32115-G5 EL CENTRO, CA  
General Topographic Gradient: General North  
Source: USGS 7.5 min quad index

## 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>	FEMA Flood <u>Electronic Data</u>
IMPERIAL, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0606700800B

Additional Panels in search area: 0600650800B

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	NWI Electronic <u>Data Coverage</u>
EL CENTRO	Not Available

## HYDROGEOLOGIC INFORMATION

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

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

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### 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).

### 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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: IMPERIAL

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Not reported

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.90
2	12 inches	60 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.90

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam  
 loamy fine sand  
 silty clay  
 silt loam  
 gravelly - sand  
 loamy very fine sand  
 very fine sandy loam  
 sand  
 fine sandy loam

Surficial Soil Types: loam  
 loamy fine sand  
 silty clay  
 silt loam  
 gravelly - sand  
 loamy very fine sand  
 very fine sandy loam  
 sand  
 fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: clay loam  
 loam  
 very gravelly - coarse sand  
 sandy clay loam  
 clay  
 sand  
 stratified  
 silty clay  
 loamy fine sand

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

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

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

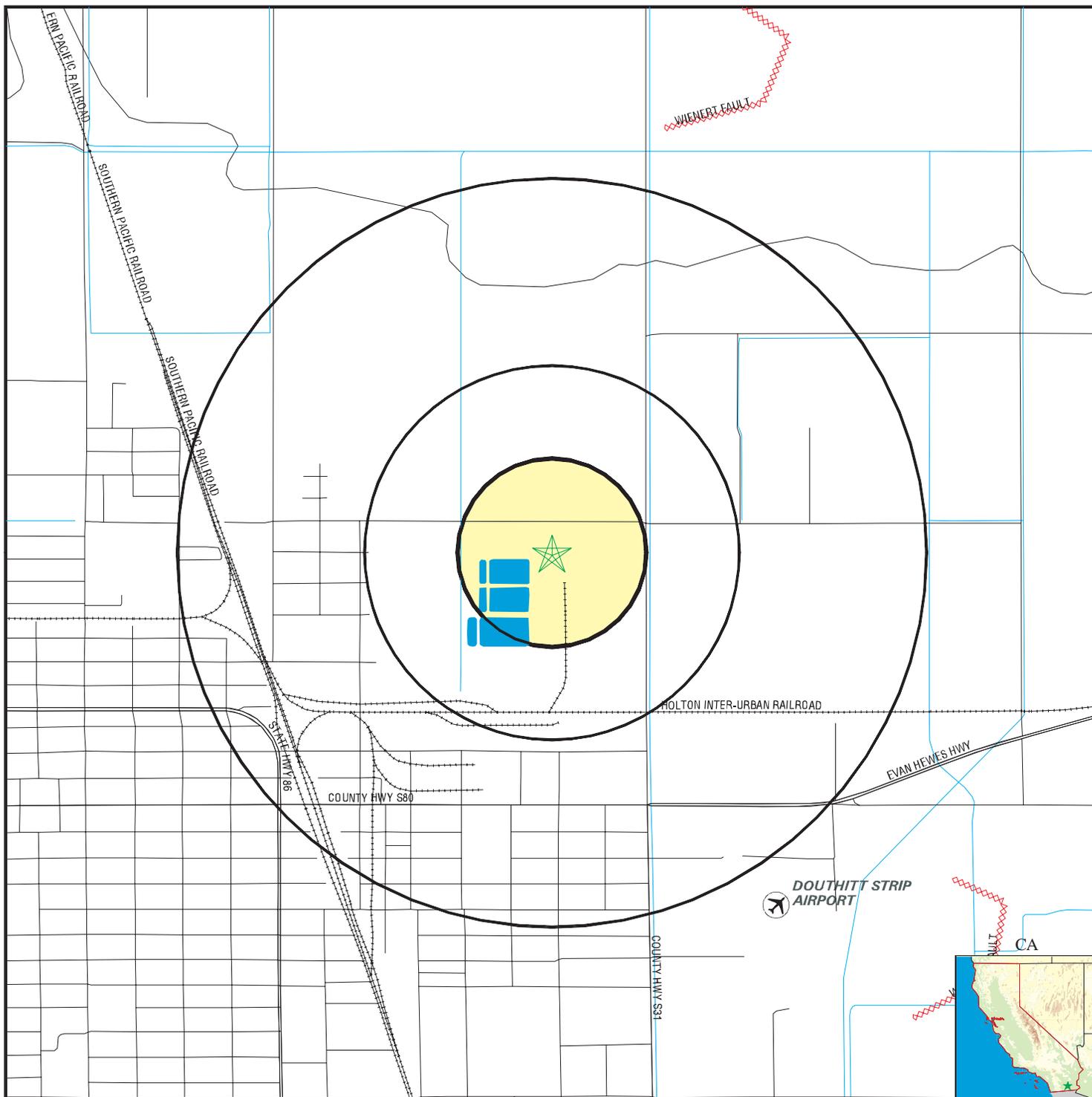
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 1596247.2s



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

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

<p>SITE NAME: EI Centro Unit 3                  ADDRESS: 485 East Villa Road                  EI Centro CA 92243                  LAT/LONG: 32.8026 / 115.5400</p>	<p>CLIENT: URS Corporation                  CONTACT: Heather Couper                  INQUIRY #: 1596247.2s                  DATE: January 19, 2006</p>
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for IMPERIAL 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 IMPERIAL COUNTY, CA

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.450 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

## HYDROLOGIC INFORMATION

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

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

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

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

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

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

## 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.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STATE RECORDS

### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

## OTHER STATE DATABASE INFORMATION

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

Source: Department of Conservation

Telephone: 916-323-1779

## RADON

### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

## OTHER

### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**Attachment E**  
**Qualifications**





## Heather H. Couper

Geologist

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### Areas of Expertise

Phase I Environmental Site Assessments

Asbestos Surveys

Phase II Investigations and Groundwater Monitoring

### Years of Experience

2001-Present/URS Corporation/Geologist/San Diego, CA

2000/Gradient Engineers, Inc./ Senior Staff Geologist/San Diego, CA

1996-2000/Dames & Moore/URS Corporation/ Geologist/Los Angeles, CA

### Education

BA/Geology/1996/University of Southern California, Los Angeles

### Registration/Certification

OSHA 40-Hour Hazardous Waste Site Worker

OSHA 8-Hour Hazardous Waste Site Supervisor

AHERA-Accredited Building Inspector

### Overview

Ms. Couper has a degree in geology and more than 8 years of experience in performing Phase I environmental site assessments (ESAs), asbestos surveys, and Phase II investigations. She has worked on a variety of facilities, including residential, commercial, industrial, retail, and hospital properties.

### Project-Specific Experience

#### **San Diego City Schools, San Diego, California.**

Assisted in the environmental due diligence for Proposition MM, a bond measure passed by voters to fund modernization of 165 existing schools and construction of 16 new/rebuilt schools. Conducted Phase I ESAs for proposed school sites, including information relevant to the California Department of Education (CDE) School Site Selection and Approval Guide. Submitted ESAs for EPA Department of Toxic Substances Control review. Prepared site packets to be submitted to the CDE for site approval.

#### **Los Angeles Unified School District, Los Angeles, California.**

Assisted with implementing preliminary endangerment assessment work plans, remedial investigation and feasibility studies, and summary reports at a proposed high school site to evaluate hazardous substance releases and estimate the potential threat to public health and the environment. Tasks included researching available site background and historical information, and laboratory data evaluation.

#### **Lake Elsinore Unified School District, Lake Elsinore, California.**

Assisted with implementing preliminary endangerment assessment work plans and remedial investigations at proposed high school sites to evaluate hazardous substance releases and estimate the potential threat to public health and the environment. Tasks included site reconnaissance, researching available site background and historical information, field sampling, and laboratory data evaluation.



**Los Angeles Department of Public Works, County Hospitals, Los Angeles, California.** Conducted asbestos surveys for seven county hospitals. The scope of the survey was to identify, sample, and test suspect friable and non-friable asbestos-containing materials in areas that may be disturbed during upcoming seismic retrofit activities. Most areas affected by the seismic retrofit activities consisted of hospital lobbies and corridors, electrical, telecommunication, and mechanical rooms.

**Tenet Healthcare, various locations, California.** Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included coordinating with local agencies to transfer environmental permits for air, wastewater, hazardous waste, and medical waste.

**Churchill Downs, Los Angeles, California.** Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included updating the Hazardous Material Business Plan and the Spill Prevention Control and Countermeasure Plan.

**County of San Diego, Department of Public Works, San Diego, California.** Conducted a Phase II site characterization for soil and groundwater contamination in the area of removed underground storage tanks and fuel-dispensing islands at Department of Public Works road stations. The scope of work included soil sampling, installation of groundwater monitoring wells, quarterly groundwater sampling, and preparation of quarterly monitoring reports.

**Various clients and locations, Arizona, Hawaii, Washington, and California.** Managed and conducted numerous Phase I environmental site assessments for lending institutions, developers, and commercial and industrial clients. Sites included auto repair, industrial, and manufacturing facilities.