padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND TITLE V ENVIRONMENTAL HAZARDS REVIEW CALEXICO HIGH SCHOOL RENOVATION PROJECT CALEXICO, IMPERIAL COUNTY, CALIFORNIA

Prepared for:

Calexico Unified School District

March 2021

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

March 25, 2021
Project No. 2001-8901

Mr. Cesar Vega
Assistant Superintendent, Business Services
Calexico Unified School District
901 Andrade Avenue
Calexico, California 92231

Subject: Phase I ESA and Title V Environmental Hazards Review
Calexico High School Renovation Project

Dear Mr. Vega:

Padre Associates, Inc. (Padre), on behalf of the Calexico Unified School District, has prepared this Phase I environmental site assessment (ESA) and Title V environmental hazards review for the Calexico High School Renovation Project located at 1030 Encinas Avenue, in Calexico, Imperial County, California (Project Site).

This Phase I ESA report was performed in general accordance with the requirements of the California Department of Education and the Department of Toxic Substances Control for evaluating new and existing school sites; and the American Society for Testing and Materials Standard Practice Designation E 1527-13.

Padre appreciates the opportunity to provide environmental consulting services to the Calexico Unified School District. If you have any questions or require additional information, please contact the undersigned at (916) 333-5920, Ext. 240.

Sincerely,
PADRE ASSOCIATES, INC.

Alan J. Klein, R.E.P.A., C.P.E.S.C., QSD/QSP
Senior Environmental Scientist

Alan Churchill, P.G.
Project Geologist

Cc: C. John Dominguez, President, School Site Solutions, Inc.

TABLE OF CONTENTS

Page

EXECUTIVE SUMMARY ES-1

1.0 INTRODUCTION 1

2.0 ENVIRONMENTAL SETTING 3

2.1 SITE LOCATION AND DESCRIPTION 3
2.2 TOPOGRAPHY 3
2.3 GEOLOGY AND HYDROGEOLOGY 3
2.4 FLOODPLAIN 4
2.5 RADON 4
2.6 OIL AND GAS WELLS 5
2.7 NATURALLY OCCURRING ASBESTOS (NOA) 5
2.8 EARTHQUAKE FAULT ZONES 5

3.0 HISTORICAL SITE CONDITIONS 7

3.1 HISTORICAL AERIAL PHOTOGRAPHS 7
3.2 UNITED STATES GEOLOGICAL SURVEY TOPOGRAPHIC MAPS 8
3.3 HISTORICAL SANBORN FIRE INSURANCE MAPS 8
3.4 CITY DIRECTORIES 8
3.5 ENVIRONMENTAL LIENS 9
3.6 EXISTING ENVIRONMENTAL REPORTS 9

4.0 CURRENT SITE CONDITIONS 10

4.1 SITE RECONNAISSANCE 10
4.2 ASBESTOS-CONTAINING MATERIALS 10
4.3 LEAD-BASED PAINT 11
4.4 POLYCHLORINATED BIPHENYLS 11
4.5 TERMITICIDES 11
4.6 ENVIRONMENTAL QUESTIONNAIRE 12
4.7 SURROUNDING PROPERTIES 12
4.8 VAPOR ENCROACHMENT CONDITIONS 13

5.0 ENVIRONMENTAL RECORDS REVIEW 14

5.1 PUBLIC RECORDS REVIEW AND AGENCY CONTACTS 14
5.1.1 Imperial County Environmental Health Department 14
5.1.2 Imperial County Air Pollution Control District 14
5.1.3 City of Calexico Public Works Department 14
5.1.4 High Pressure Natural Gas and Fuel Transmission Pipelines 15
5.1.5 High Voltage Electric Power Lines or Cellular Towers 15
5.1.6 Airports 15
5.1.7 Railroads 16
5.1.8 Earthquake Fault Zones 16

TABLE OF CONTENTS (CONTINUED)

Page

5.1.9 Dam Inundation 16
5.1.10 Aboveground Water and/or Fuel Storage Tanks 16
5.1.11 Traffic Corridor 17

5.2 ENVIRONMENTAL DATABASE INFORMATION 17
5.2.1 National Priorities List - Federal Superfund 18
5.2.2 U.S. EPA Superfund Enterprise Management System (SEMS) 18
5.2.3 RCRA-TSD Facilities Listing 18
5.2.4 RCRA - LQG's List 18
5.2.5 RCRA - SQG's List 18
5.2.6 Emergency Response Notification System 19
5.2.7 RCRA-CORRACTS Facilities Listing 19
5.2.8 SWF/LF (SWIS) List 19
5.2.9 UST Listings 19
5.2.10 Historical UST 19
5.2.11 CERS Tanks and Haz Waste 20
5.2.12 Leaking Underground Storage Tank List 20
5.2.13 AST List 21
5.2.14 US Eng Controls List 21
5.2.15 US Inst Controls List 21
5.2.16 Historical Cal-Sites List 22
5.2.17 WMUD/SWAT List 22
5.2.18 California Hazardous Materials Incident Reporting System 22
5.2.19 CERCLIS/NFRAP List 22
5.2.20 Voluntary Cleanup Program List 23
5.2.21 Hazardous Waste Information System 23
5.2.22 CA SLIC Program 23
5.2.23 ENVIROSTOR 23

6.0 CONCLUSIONS AND RECOMMENDATIONS 25

6.1 DATA GAPS 26
6.2 CERTIFICATION 26

7.0 LIMITATIONS 27

8.0 REFERENCES 28

TABLES

Table 1 – Title V Environmental Hazards Summary 17

PLATES

Site Location ..... Plate 1
Site Map..... Plate 2

APPENDICES

APPENDIX A: ASSESSOR'S PARCEL MAP AND FLOOD INSURANCE RATE MAP

APPENDIX B: HISTORICAL AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS

APPENDIX C: SITE PHOTOGRAPHS

APPENDIX D: SUBJECT PROPERTY ENVIRONMENTAL QUESTIONNAIRE

APPENDIX E: PIPELINE INFORMATION

APPENDIX F: EDR RADIUS MAP REPORT

APPENDIX G: QUALIFICATIONS OF ENVIRONMENTAL ASSESSOR(S)

EXECUTIVE SUMMARY

Padre Associates, Inc. (Padre), on behalf of the Calexico Unified School District, (District) completed a Phase I environmental site assessment (ESA) and Title V environmental hazards review for the Calexico High School Renovation Project, located at 1030 Encinas Avenue, in Calexico, Imperial County, California (Project Site).

The objective of the ESA was to determine whether current or previous land use at or adjacent to the Project Site may have involved, or resulted in the use, storage, disposal, treatment, and/or release of hazardous substances to the environment. The ESA was completed consistent with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (E-1527-13) and the Department of Toxic Substances Control (DTSC) protocol for evaluating new and expanding school sites.

To achieve the objective of the ESA, the following tasks were completed:

- A review of readily available geologic and hydrogeologic literature;
- Historical research including a review of available historical aerial photographs; Sanborn Fire Insurance Maps, and historical topographic maps relating to the Project Site;
- A site reconnaissance of the Project Site and properties located within a ½ mile of the Project Site;
- Interviews with knowledgeable persons;
- Public agency records review;
- An environmental database search;
- Performing all appropriate inquiries (AAIs);
- Identifying recognized environmental conditions (RECs);
- Identifying historical recognized environmental conditions (HRECs);
- Identifying controlled recognized environmental conditions (CRECs), including activity and use limitations (AULs);
- Identifying vapor migration environmental conditions (VEC); and
- The preparation of this report presenting the results of the ESA.

The Title V environmental hazards review used by the California Department of Education (CDE) consisted of completing a review of hazards as described in California Code of Regulations, Title 5, Sections 14010 et seq. The environmental hazards review will identify the presence and/or absence of the following:

- Facilities that might reasonably be anticipated to emit hazardous air emissions or hazardous materials handlers within a ¼-mile of the Project Site;
- High volume (≥12 inches) water pipelines on or near the Project Site;
- High pressure natural gas and/or liquid petroleum pipelines located within 1,500 feet of the Project Site;
- High voltage power transmission lines located within 500 feet of the Project Site and transformers of cell towers on or near the Project Site;
- Airports located within 2-nautical miles of the Project Site;
- Railroad tracks located within 1,500 feet of the Project Site;
- Earthquake faults or traces on or near the site and identify if the Project Site is located in an Alquist-Priolo Earthquake Fault Zone;
- Flood hazard and dam inundation;
- Aboveground water/fuel storage tanks on or near the Project Site; and
- Traffic corridor (freeway or other busy traffic corridor) located within 500 feet of the Project Site.

Based on the results of the scope of services performed for this Phase I ESA and Title V Environmental Hazards Review, Padre makes the following conclusions and recommendations regarding the Project Site:

The Project Site is occupied by Calexico High School which is located on a 42.56-acre parcel of land referenced by the Imperial County Assessor's Office as assessor's parcel number (APN): 058-010-017. This parcel includes the high school grounds, the District's Maintenance Department Facility, and the District's Administrative Department. The Maintenance and Administrative Department areas are not included as part of the Project Site.

A subject property owner environmental questionnaire dated March 4, 2021 was completed by Chris De La Rosa, a District representative. According to Mr. De La Rosa the District purchased the property in 1952 and the first school buildings were constructed shortly thereafter. Prior to school development the Project Site was used for agriculture.

A 1937 aerial photograph shows the Project Site planted with row crops. Surrounding properties to the north, east, and west are also planted with row crops. A 1957 topographic map shows the Project Site developed as Union High School and includes a swimming pool. The City of Calexico development borders the Project Site to the south and west, including two schools to the southwest. Surrounding areas to the north and east appear to be undeveloped or farmland. The 1996 aerial photograph shows that all the adjacent-surrounding areas have been developed or are in the process of development.

A review of historical aerial photographs indicates that many of the existing school buildings were constructed between the 1950s and the 1970s. Therefore, the potential for asbestos containing material (ACM) and lead-based paint (LBP) associated with existing building structures is considered a REC.

A review of the Environmental Data Resources (EDR) Radius Map Report did not identify facilities in the database records search within a one-mile radius of the Project Site that present a REC to the Project Site.

Based on the finding of the Phase I ESA, Padre concludes that the CDE may require the completion of risk management plans and/or mitigation measures for the following Title V environmental hazards identified for the Project Site:

- The presence of three (3) 12-inch diameter water pipelines located beneath city streets adjacent to the Project Site;
- The presence of a Verizon Cellular Tower located on the eastern portion of the Project Site;
- The presence of a compressed natural gas (CNG) fueling station at the District's Maintenance Department facility, located at the northeast corner of the property parcel (not a part of the Project Site); and
- The presence of the Calexico International Airport located approximately 1.2 nautical miles southwest of the Project Site.

Based on the findings of the Phase I ESA, Padre concludes that the DTSC may require the completion of a Preliminary Environmental Assessment (PEA) at the Project Site based on the following RECs:

- Potential presence of arsenic in soil from historic agricultural use;
- Potential presence of residual pesticides in soil from direct application of termiticides and/or ant control around the perimeters of building structures;
- Potential presence of residual lead in soil from the weathering of lead-based paint from building structures; and
- Potential presence of polychlorinated biphenyls (PCBs) in soil from weathering of caulking used in windowpanes containing PCBs, and PCBs in soil near pole- and pad-mounted electrical transformers.

1.0 INTRODUCTION

Padre Associates, Inc. (Padre), on behalf of the Calexico Unified School District, (District) completed a Phase I environmental site assessment (ESA) and Title V environmental hazards review for the Calexico High School Renovation Project, located at 1030 Encinas Avenue, in Calexico, Imperial County, California (Project Site).

The Project Site is occupied by Calexico High School and is located on a 42.56-acre parcel of land referenced by the Imperial County Assessor's Office as assessor's parcel number (APN): 058-010-017. This parcel includes the high school grounds, the District's Maintenance Yard, and the District's Administrative Building. The Project Site is identified on **Plate 1 - Site Location** and **Plate 2 – Site Map.**

The objective of the ESA was to determine whether current or previous land use at or adjacent to the Project Site may have involved, or resulted in the use, storage, disposal, treatment, and/or release of hazardous substances to the environment. The ESA was completed consistent with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (E-1527-13).

To achieve the objective of the ESA, the following tasks were completed:

- A review of readily available geologic and hydrogeologic literature;
- Historical research including a review of historical aerial photographs; Sanborn Fire Insurance Maps, and historical topographic maps relating to the Project Site;
- A site reconnaissance of the Project Site and properties within a ½ mile;
- Interviews with knowledgeable persons;
- Public agency records review;
- An environmental database search;
- Performing all appropriate inquiries (AAIs);
- Identifying recognized environmental conditions (RECs); and
- Identifying historical recognized environmental conditions (HRECs);
- Identifying control recognized environmental conditions (CRECs), including activity and use limitations (AULs);
- Identifying vapor migration environmental conditions (VEC); and
- The preparation of this report presenting the results of the ESA.

Definitions:

Recognized Environment Conditions (RECs) - the presence or likely presence of any hazardous substances or petroleum products in, on, or at the property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under

conditions that pose a material threat of future release to the environment. De minimis conditions are not recognized environmental conditions.

Historic Recognized Environment Conditions (HRECs) - a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to an require controls (i.e., property use restrictions, activity and use limitations, institutional controls and engineering controls).

Controlled Recognized Environment Conditions (CRECs) - a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidence by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (i.e., property use restrictions, activity and use limitations, institutional controls and engineering controls).

Activity Use Limitations (AULs) – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Migrate/Migration – refers to the movement of hazardous substances or petroleum products in any form, including solid and liquid at the surface and subsurface, and vapor in the subsurface.

Seven appendices are included with this report. Appendix A presents the assessor's parcel map and Flood Insurance Rate Map; Appendix B presents historical aerial photographs and topographic maps; Appendix C presents photographs of the Project Site at the time of the assessment; Appendix D presents the subject property environmental questionnaires (owner/user); Appendix E presents pipeline information; Appendix F presents the environmental database report obtained from EDR; and Appendix G presents the qualifications of the environmental assessors responsible for the preparation of this report.

2.0 ENVIRONMENTAL SETTING

The following discussion summarizes the geologic, hydrogeologic, and other relevant data pertaining to the physical setting of the Project Site.

2.1 SITE LOCATION AND DESCRIPTION

The Project Site is located in Section 13, Township 17 South, Range 14 East of the Calexico, California USGS 7½-Minute topographic series, Quadrangle Map (2012). The approximate latitude and longitude near the center of the site parcel are identified as:

- Latitude (North) 32° 40' 38.67" N (32.6774)
- Longitude (West) -115° 49' 08.53" W (-115.4857)

Calexico High School is located on a 42.56-acre parcel of land referenced by the Imperial County Assessor's Office as APN: 058-010-017. A copy of the assessor's parcel map is presented in **Appendix A**.

2.2 TOPOGRAPHY

Based on a review of the USGS 7.5-minute topographic quadrangle – Calexico, California (2012), the Project Site is located within the Imperial Valley in southeastern California. The Imperial Valley is bounded on the east by the Chocolate Mountains, to the west by the Coyote Mountains, to the south by the Mexico-United States border, and to the north by the Salton Sea. The elevation of the Imperial Valley ranges from 230 feet below mean sea level (msl) to 350 feet above msl.

The Project Site is relatively level and is situated at an approximate elevation of 6-feet above msl. Regional topography slopes gently to the southwest towards the New River, which is located approximately 1-mile southwest of the Project Site. The All-American Canal, which receives water from the Colorado River, is located approximately 2,600-feet north of the Project Site.

2.3 GEOLOGY AND HYDROGEOLOGY

The Project Site is located within the Colorado Desert Province in southern California. The Colorado Desert Province is bounded on the east by the Colorado River, on the south by the Mexican border, and on the west by the Peninsular Ranges. The northern border is bounded to the northwest by the Transverse Ranges and the northeast by the Mojave Desert. The dominant feature of the Colorado Desert Province is the Salton Trough, a large structural depression that extends from near Palm Springs approximately 180 miles south to the Gulf of California (Norris and Webb, 1990).

According to the California Division of Mines *Geologic Map of San Diego-El Cenrtro Sheet (1962)*, the Project Site is underlain by Quaternary lake deposits. These deposits consist of lacustrine silt, sand, and clay.

The Water Quality Control Plan of the Colorado River Basin Region indicates that the Project Site is located within the Imperial Subunit of the Imperial Hydrologic Unit (CRWQCB, 1993). Groundwater in this region is designated as beneficial for municipal and industrial uses. However, if total dissolved solids (TDS) concentrations exceed 3,000 milligrams per liter (mg/l) the beneficial use designation does not apply.

According to the State Water Resources Control Board's (SWRCB) GeoTracker website, in January 2021 depth to groundwater was measured at approximate depths of 25- to 35-feet below ground surface (bgs) at a property located approximately 600-feet southwest of the Project Site. Reportedly, historical groundwater flow direction at this location is to the southwest.

2.4 FLOODPLAIN

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (*Community Panel Number: 06025C2100C, Effective Date: September 26, 2008),* the Project Site is located within Zone X – Area of minimal flood hazard. A copy of the FEMA Flood Insurance Rate Map is presented in **Appendix A**.

2.5 RADON

Radon is a colorless, odorless, tasteless, and radioactive gas that is produced as a natural decay product of uranium. Because of its radioactivity, studies have shown that at elevated concentrations there is a link between radon and lung cancer. Persons living in a building with elevated radon concentrations may have an increased risk of contracting lung cancer over a period of years.

The U.S. Environmental Protection Agency (U.S. EPA) recommends that action be taken to reduce radon levels in homes if levels are 4.0 pico curies per Liter (pCi/L) or higher. Radon levels below 4.0 pCi/L still pose a certain level of risk. Sections 307 and 309 of the Indoor Radon Abatement Act of 1988 (IRAA) directed the U.S. EPA to list and identify areas of the United States with the potential for elevated indoor radon levels. The U.S. EPA's Map of Radon Zones assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential:

- Zone 1 (red) counties have a predicted average indoor radon screening level greater than 4 pCi/L (highest potential);
- Zone 2 (orange) counties have a predicted average indoor radon screening level between 2 and 4 pCi/L (moderate potential);
- Zone 3 (yellow) counties have a predicted average indoor radon screening level less than 2 pCi/L (lowest potential).

According to the U.S. EPA map of California radon zones, Imperial County is identified as a Zone 3 (yellow) county. Zone 3 counties have a predicted average indoor radon screening levels of less than 2 pCi/L. According to the California Indoor Radon Test Results for Zip Code 92232, 91 radon tests were conducted with zero sites reported to have radon levels > 4 pCi/L. Therefore, the potential for radon hazard is not considered a REC.

2.6 OIL AND GAS WELLS

The California Department of Conservation's Geologic Energy Management Division (CalGEM) formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR) oversees the drilling, operation, maintenance, and plugging and abandonment of oil wells, natural gas wells, and geothermal wells. GIS data published by CalGEM includes regular updates to well locations and status, oil field boundaries, lease boundaries, and district boundaries. Padre reviewed the available DOGGR online mapping system for the Project Site at the California Department of Conservation webpage (https://maps.conservation.ca.gov/doggr/).

According to a review of the CalGEM online database and interactive map, there are no reported active or plugged oil wells, natural gas wells, and/or geothermal wells located within a one-mile radius of the Project Site.

2.7 NATURALLY OCCURRING ASBESTOS (NOA)

Asbestos is a naturally occurring silicate mineral of the amphibole group that has historically been utilized for a variety of purposes including fireproofing, due to its fibrous nature, which allowed it to be woven into cloth and formed into various types of construction material. Asbestos is a known carcinogen.

According to the California Department of Conservation, Division of Mines and Geology, Open-File Report 2000-19, dated August 2000, natural occurrences of asbestos are more likely to be encountered in, and immediately adjacent to, areas of ultramafic outcrops (igneous and metamorphic rocks with high iron and magnesium contents).

According to the California Division of Mines *Geologic Map of San Diego-El Cenrtro Sheet (1962)*, serpentinized ultramafic outcrops were not identified within a 10-mile radius of the Project Site. Therefore, the potential for the presence of NOA in soil at the Project Site from the weathering and deposition of serpentinized ultramafic outcrops is not considered a REC.

2.8 EARTHQUAKE FAULT ZONES

In 1972 the State of California passed the Alquist-Priolo Earthquake Fault Zoning Act (AP Act) to mitigate the hazard of surface faulting to structures utilized for human occupancy. The AP Act's primary purpose is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. The AP Act defines three categories of fault activity; active (demonstrated movement within the last 11,000 years), potentially active (movement within the past 11,000 to 2,000,000 years), and inactive (no movement within the past 2,000,000 years).

Since 1972 the California Geological Survey (CGS) has issued a series of 1"=2,000' scale maps delineating Earthquake Fault Zones (EFZs). Structures proposed within mapped EFZs require geologic investigations to demonstrate that the structures will not be constructed across active faults. If an active fault is identified within the boundaries of the Project Site, the proposed structures must be set back from the EFZ, generally a distance of 50 feet on either

side of the identified fault location. The CGS mapping program is ongoing, and areas not currently identified as being within an EFZ may be included at some later time.

According to the EFZ maps issued by the CGS, the Project Site is not located within the boundaries of an EFZ, and no active faults are known to cross the Project Site (Jennings 2010).

3.0 HISTORICAL SITE CONDITIONS

Based on a review of readily available historical information, Padre has compiled the following history of the Project Site. The earliest documentation reviewed for site usage was a historical aerial photograph dated 1937, and a historical topographic map dated 1907. Copies of historical aerial photographs and topographic maps are presented in **Appendix B**.

3.1 HISTORICAL AERIAL PHOTOGRAPHS

Padre reviewed readily available aerial photographs of the Project Site and the surrounding area obtained from EDR for the years 1937, 1940, 1953, 1976, 1985, 1996, 2006, and 2016. The information is summarized below.

1937 The 1937 photograph shows the Project Site planted with row crops. Surrounding properties to the north, east, and west are also planted with row crops. A road is present adjacent to the north and runs east to west. Residential housing is located further out to the south, west, and northwest.

1940 The 1940 photograph shows the Project Site and surrounding areas similar to the 1937 photograph.

1953 The 1953 photograph shows the Project Site similar to the 1940 photograph. There is an increase in development to the south, west, and northwest, which appears to be moving closer towards the Project Site.

1976 The 1976 photograph shows the Project Site to be developed as Calexico High School, predominantly on the western portion of the property. The surrounding area to the north and east remains as agriculture land, while the area to the south and west has been developed, primarily as residential.

1985 The 1985 photograph shows the Project Site developed with additional buildings in the central portion of the property; with what appears to be the District's Maintenance Department facility at the northeast corner of the property; and the District's Administrative Department at the southeast corner of the property. The surrounding area to the north and east remains as agriculture land, while the area to the northwest has been developed as residential.

1996 The 1996 photograph shows the Project Site similar to the 1985 photograph, with the presence of additional portable classrooms located in the north-central portion of the property. The adjacent-surrounding areas have been developed or are in the process of development.

2006 The 2006 photograph shows the Project Site similar to the 1996 photograph, with an increase in building structures throughout the property. Fill-in development has occurred in the surrounding areas.

2016 The 2016 photograph shows the Project Site and surrounding area to be similar to the 2006 photograph.

3.2 UNITED STATES GEOLOGICAL SURVEY TOPOGRAPHIC MAPS

Padre obtained historical topographic maps published by the USGS for the vicinity of the Project Site. Historical topographic maps dated 1907, 1940, 1947, 1957, 1976, and 2012 were reviewed. A summary of the information presented on each map is presented below.

1907 The 1907 map shows the Project Site as undeveloped. The name Calexico is identified on the map. There are three small building structures (residential/farm?) located north-northeast of the Project Site. There are multiple building structures located further out and southwest of the Project Site. An irrigation canal labeled “Main Canal” is present further out to the north and northeast.

1940 The 1940 shows the Project Site as undeveloped, other than an irrigation canal transecting the property in a north-south direction. The map shows development of the City of Calexico to the west and south.

1947 The 1947 map shows the Project Site and surrounding properties similar to the 1940 map.

1957 The 1957 map shows the Project Site developed as Union High School, which includes a swimming pool. The City of Calexico development borders the Project Site to the south and west, including two schools to the southwest, one of which is named Dool School. Surrounding areas to the north and east appear undeveloped and/or farmland.

2012 The 2012 map only shows city streets, which surround the Project Site in all directions.

3.3 HISTORICAL SANBORN FIRE INSURANCE MAPS

The complete Sanborn Library collection was searched by EDR for the Project Site. According to EDR, fire insurance maps covering the target property were not found.

3.4 CITY DIRECTORIES

Padre obtained an abstract of historical city directories provided by EDR for the physical addresses along Encinas Avenue. The years listed (intermittent) included 1959 thru 2017. The Project Site located at 1030 Encinas Avenue is listed as Calexico Union High School from 1950 through 1977. From 1982 through 2017 the Project Site is identified as Calexico High School. The Calexico Unified School District Administration is first listed at 1030 Encinas Avenue in the year 2000.

A review of the adjacent addresses listed throughout the identified years indicate mostly residential properties. The Dool School located at 800 Encinas Ave is listed from 1959 through 1977. The name changed to Dool Elementary School in 1982 through 1992. Belcher Elementary is listed in 1992 at 867 Encinas Ave. No properties were identified that present a REC to the Project Site.

3.5 ENVIRONMENTAL LIENS

Padre obtained an environmental lien and activity use limitations (AUL) search from Environmental Data Resources (EDR) of Shelton, Connecticut. According to this search, the legal current owner for APN: 058-010-017 is Calexico Union High School District. No record of a deed was found from 1980 to present. No environmental liens or other activity use limitations (AULs) were identified for the Project Site.

3.6 EXISTING ENVIRONMENTAL REPORTS

Padre was not provided with, nor did we identify, the presence of any existing environmental reports for the Project Site.

4.0 CURRENT SITE CONDITIONS

The current site conditions were assessed to determine current activities and hazardous substances handling and storage at the Project Site.

4.1 SITE RECONNAISSANCE

On February 18, 2021, Mr. Alan Klein of Padre visited the Project Site to conduct a site reconnaissance. Mr. Klein was accompanied by Mr. C. John Dominguez representing the District. The site reconnaissance consisted of walking throughout the interior of the school grounds and photographing site features. In addition, the perimeter of the Project Site was surveyed to observe site conditions and adjacent properties. The weather conditions at the time of the visual inspection were clear and mild. Photographs taken during the site visit are presented in **Appendix C**.

Calexico High School is accessed from Encinas Avenue located along the western Project Site boundary. The entrance/exit know as Circle Drive provides access to the school parking lot and main administrative building. Adjacent to the southside of the parking lot is a new 16-classroom building. Adjacent to the north side of the parking lot is a new 12-classroom building currently under construction. The majority of existing school buildings are located in the west-central portion of the high school. Numerous portable classrooms are located in the north-central portion of the high school. Playfields and hardcourts are located in the central and east portions of the high school, and two swimming pools and multiple tennis courts are located along the southern boundary of the high school.

No aboveground or underground petroleum storage tanks were observed at the Project Site. No chemical or petroleum spills or surface staining was observed throughout the school grounds. Numerous pad-mounted electrical transformers and electrical switch boxes were observed between school buildings. Pole-mounted electrical transformers are present along the northern school boundary (E. Birch Street), the eastern school boundary (Andrade Avenue), and the southern school boundary (Elmer Belcher Street). No leaks or surface staining was observed in the areas of the pad- and pole-mounted electrical transformers.

The Calexico Unified School District's Maintenance Department is located in the northeast corner of the property parcel, and the District's Administrative Department is located in the southeast corner of the property parcel. These District Departments are not considered a part of the Project Site.

4.2 ASBESTOS-CONTAINING MATERIALS

Padre did not conduct a comprehensive Asbestos-Containing Materials (ACM) survey as part of this Phase I ESA. Properties with residential and/or commercial structures constructed before 1976 may potentially contain ACM. The mitigation and management of ACM is currently regulated by several federal, state, and local agencies.

A review of historical aerial photographs indicates that many of the existing school buildings were constructed between the 1950s and the 1970s. Therefore, the potential for ACM at the Project Site from building structures is considered a REC.

4.3 LEAD-BASED PAINT

Properties containing structures with paint or surface coatings, with the exception of residential structures constructed on or after January 1, 1979 or schools constructed prior to January 1, 1993, may have surfaces coated with lead-based paint. Weathering, scraping, chipping, and abrasion may cause lead to be released to and accumulate in soil around these structures. Therefore, the California Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup Division recommends the collection of soil samples to determine if the potential presence of residual lead soil contamination poses a threat to human health and the environment.

A review of historical aerial photographs indicates that many of the existing school buildings were constructed between the 1950s and the 1970s. Therefore, the potential for residual lead in soil from weathering of lead-based paint from building structures is considered a REC.

4.4 POLYCHLORINATED BIPHENYLS

Padre did not conduct a comprehensive polychlorinated biphenyls (PCBs) survey as part of this Phase I ESA. PCBs have been used as coolants and lubricants in electrical transformers, capacitors, and other electrical equipment because they do not burn easily and are good insulators. The manufacture of PCBs was stopped in the U.S. in 1977. Products made before 1977 that may contain PCBs include old caulking, old fluorescent lighting fixtures and electrical devices containing PCB capacitors, and old microscope and hydraulic oils. Additionally, PCBs were added to window caulking from 1950 to 1979. Weathering of the caulking may cause PCBs to be released to and accumulate in soil around these structures.

During Padre's site reconnaissance on February 18, 2021, numerous pad-mounted electrical transformers and electrical switch boxes were observed between school buildings, and pole-mounted transformers were observed along adjacent streets. A review of historical aerial photographs indicates that many of the existing school buildings were constructed between the 1950s and the 1970s. Therefore, the potential for residual PCBs in soil from leaking electrical equipment and/or weathering of window caulking at the Project Site is considered a REC.

4.5 TERMITICIDES

Organochlorine pesticides (OCPs) were commonly used as insecticides for termite and ant control around structures and typically applied surface soil surrounding foundations and injected into the soil in an effort to isolate wood structures from termite nests. Chlordane was used in the United States from 1948 until 1988, when it was banned by the United States Environmental Protection Agency (U.S. EPA). Because of evidence of human exposure and

accumulation in body fat, as well as persistence in the environment and effects on wildlife, the U.S. EPA prohibited the use of chlordane in 1988.

DTSC conducted an investigation of three proposed school sites in southern California with residential structures to evaluate the presence and prevalence of chlordane and other OCPs as a result of termiticide application. Additionally, DTSC investigated OCPs from termiticide application at residential properties proposed for school sites in various counties throughout California. The results of the study indicated that it is likely that significant concentrations of OCP residues may exist around structures with wood components built prior to January 1, 1989 and should be evaluated at school sites.

A review of historical aerial photographs indicates that many of the existing school buildings were constructed between the 1950s and the 1970s. Therefore, the potential for residual OCPs in soil from direct application of termiticides around the foundations of buildings with wood components is considered a REC.

4.6 ENVIRONMENTAL QUESTIONNAIRE

A subject property owner environmental questionnaire was completed on March 4, 2021 by Chris De La Rosa, a District representative. According to Mr. De La Rosa the District purchased the property in 1952 and the first school buildings were constructed shortly thereafter. Prior to school development the Project Site was used for agriculture.

There are no aboveground or underground fuel storage tanks, landfills, or burn pits located at the Project Site. There is an active septic system and leach field for the animal pen associated with the High School's Future Farmers of America (FFA) program. Four 55-gallon drums reportedly containing waste oil and waste oil filters were observed within secondary containment and overhead coverage, in an area located east of the High School's automotive shop. No surface staining around the containment area was observed.

The following pesticide use was listed for the Project Site: Cyfluthrin; Bifenthrin; Fipronil; Abemectin-b; Hydroprene; Orthoboric-Acid; Imidacloprid; dtrans Allethrin; Pyrethrins; Piperonyl butoxide; and Amorphous Silica. The completed Project Site environmental questionnaire is presented in **Appendix D**.

4.7 SURROUNDING PROPERTIES

North - The Project Site is bordered to the north by a City of Calexico utility easement, beyond which is East Birch Street (State Hwy 98), further out is commercial and residential development.

East – The Project Site is bordered to the east by Andrade Avenue, beyond which is vacant land, residential development, the Daniel V. Gutierrez Community Soccer Field, and Hole Park.

South – The Project Site is bordered to the south by Elmer Belcher Street, beyond which is residential development, Crummett Park, and the Calexico City Library. The De Anza 9th Grade Academy is located to the southwest.

West – The Project Site is bordered to the west by Encinas Avenue, beyond which is residential development.

4.8 VAPOR ENCROACHMENT CONDITIONS

Based on a review of surrounding properties and environmental database records, no existing or former facilities (dry cleaners, fuel stations and/or manufactured gas plants) were identified adjacent to or nearby the Project Site that may have impacted soil vapor beneath the Project Site. Therefore, a vapor encroachment condition does not exist at the Project Site.

5.0 ENVIRONMENTAL RECORDS REVIEW AND TITLE V HAZARDS REVIEW

5.1 PUBLIC RECORDS REVIEW AND AGENCY CONTACTS

Padre contacted the following local agencies for information concerning environmental complaints, accidents, or spills on or in the vicinity of the Project Site and for safety concerns related to school sites in California.

5.1.1 Imperial County Environmental Health Department

The Imperial County Environmental Health Department participates on the Imperial County Hazardous Emergency Assistance Team (HEAT) in providing health and safety expertise in the containment and cleanup of accidental spills and releases.

The California Department of Toxic Substances Control (DTSC) was appointed the Certified Unified Program Agency (CUPA) for Imperial County in January 2005. Padre reviewed the DTSC Envirostor online database for environmental records of properties in the vicinity of the Project Site. EnviroStor is the DTSC's data management system for tracking our cleanup, permitting, enforcement and investigation efforts at hazardous waste facilities and sites with known contamination or sites where there may be reasons to investigate further. No records were identified for the Project Site and/or adjacent properties.

5.1.2 Imperial County Air Pollution Control District

Padre contacted the Imperial County Air Pollution Control District (ICAPCD) to inquire about the presence of facilities located within a ¼-mile radius of the Project Site, which might reasonably be anticipated to emit hazardous air emissions. At the time of this report preparation the ICAPCD had not responded to the request for information. When the information is received it will be provided to the District under separate cover.

5.1.3 City of Calexico Public Works Department

Padre contacted the City of Calexico Public Works Department (Public Works) with a public information request regarding the presence of high-volume water pipelines (≥12-inch diameter) located within 1,500 feet of the Project Site. According to Lilliana Falomar, Public Works Manager – Administrative, the following high volume water pipelines are located within 1,500-feet of the Project Site:

- 12-inch PVC water pipeline located along the south side of E. Birch Street;
- 12-inch PVC water pipeline located along the east Encinas Avenue; and
- 12-inch PVC water pipeline located along the east side of Andrade Avenue.

There are no pressurized sewer pipelines located in the vicinity of the Project Site. Pipeline information provided by Public Works is presented in **Appendix E.**

5.1.4 High Pressure Natural Gas and Fuel Transmission Pipelines

Padre contacted SoCalGas to inquire about the presence of high-pressure (>80 psig) natural gas pipelines (NGP) located within 1,500-feet of the Project Site. According to the Transmission Department, SoCalGas does not operate any facilities within the requested search distance. According to Vatsal Desal, Engineer II with the Distribution Department, The Gas Company does not operate high-pressure pipelines within the requested search distance. Copies of the SoCalGas and Gas Company response letters are presented in **Appendix E.**

According to the U.S. DOT PHMSA website (www.npms.phmsa.dot.gov), there are no hazardous liquid pipelines located within 1,500-feet of the Project Site. A copy of the NPMS map is included in **Appendix E.**

5.1.5 High Voltage Electric Power Lines or Cellular Towers

In consultation with the State Department of Health Services (DHS) and electric power companies, CDE has established the following limits for locating any part of a school site property line near the edge of easements for high-voltage power transmission lines:

- 100-feet from the edge of an easement for a 50-133 kilovolt (kV) line;
- 150-feet from the edge of an easement for 220-230 kV line; and
- 350 feet from the edge of an easement for a 500-550 kV line.

Padre contacted Southern California Edison (SCE) to inquire about the presence of high voltage power transmission lines located within 350 feet of the Project Site. At the time of this report preparation, SCE responded by email that it will take 11- to 12-weeks to process the "Map Requests". When the information is received it will be provided to the District under separate cover.

There is a Verizon Cellular Tower located on the east side of the Football/Soccer Stadium adjacent to the visitor bleachers. Documentation of the cellular tower is presented in **Appendix E**.

5.1.6 Airports

Padre reviewed the California Department of Transportation (DOT), Division of Aeronautics database; USGS topographic maps, and Google Earth satellite imagery (April 2018). Based on a review of these sources, the Calexico International Airport is located approximately 1.2 nautical miles southwest of the Project Site.

Calexico International Airport is contained in the National Plan of Integrated Airport Systems (NPIAS) and is classified as a general aviation (GA) airport which is defined as an airport that serves a community that does not received scheduled commercial air service. The airport is also classified as a Community Airport in the California Aviation System Plan (CASP). This is a functional classification developed by the State to categorize airports based on an

airport's function, services provided, and role in the aviation system. A Community Airport is one that provides access to other regions and states and is near small communities or in remote locations.

5.1.7 Railroads

Padre reviewed the USGS topographic maps, Google Earth satellite imagery (April 2018), and conducted a site reconnaissance on February 18, 2021. Based on a review of these sources, there are no railroad tracks located within 1,500-feet of the Project Site.

5.1.8 Earthquake Fault Zones

In 1972 the State of California passed the Alquist-Priolo Earthquake Fault Zoning Act (AP Act) to mitigate the hazard of surface faulting to structures utilized for human occupancy. The AP Act's primary purpose is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. The AP Act defines three categories of fault activity; active (demonstrated movement within the last 11,000 years), potentially active (movement within the past 11,000 to 2,000,000 years), and inactive (no movement within the past 2,000,000 years).

Since 1972 the California Geological Survey (CGS) has issued a series of 1"=2,000' scale maps delineating Earthquake Fault Zones (EFZs). Structures proposed within mapped EFZs require geologic investigations to demonstrate that the structures will not be constructed across active faults. If an active fault is identified within the boundaries of the Project Site, the proposed structures must be set back from the EFZ, generally a distance of 50 feet on either side of the identified fault location. The CGS mapping program is ongoing, and areas not currently identified as being within an EFZ may be included at some later time.

According to Earthquake Fault Zone (EFZ) maps issued by CGS, the Project Site is not located within the boundaries of an Alquist-Priolo Earthquake Fault Zone, and no active faults are known to cross the Project Site (Jennings 2010).

5.1.9 Dam Inundation

Catastrophic failure of dams is rare and is most likely to occur following significant seismic events. The nearest dam of significant size that could potentially impact the Project Site is the Imperial Diversion Dam which is located approximately 60 miles northeast of the Project Site. Padre did not identify the existence of a U.S. Army Corps of Engineers Dam Inundation Map; therefore, it is Padre's opinion that based on distance and topography, the Project Site would not be impacted in the event of dam failure.

5.1.10 Aboveground Water and/or Fuel Storage Tanks

No aboveground water and/or fuel storage tanks were observed on the Project Site during Padre's site reconnaissance conducted on February 18, 2021. There is a compressed natural gas (CNG) fueling station located at the school district's Maintenance, Operations, and Transportation (MOT) facility, located at 1085 Andrade Avenue, Calexico, California.

Reportedly the CNG storage tank has a capacity of 33.52- cubic feet. This facility is located adjacent to the Project Site at the northeast corner of the property parcel. The facility was constructed in 2004 and is owned by Calexico USD. The primary use of the facility is a fueling station for the District's fleet of CNG powered school buses and other vehicles. The CNG fueling station is also available to the public.

5.1.11 Traffic Corridor

CDE defines freeways or busy traffic corridors as 100,000 vehicles per day in urban areas. Padre reviewed the California Department of Transportation (Caltrans) 2017 Annual Average Daily Traffic (AADT) Volume database for information regarding any busy traffic corridors within 500 feet of the Project Site. According to the database, Highway 98 (W. Birch Street) at the intersection with Encinas Avenue is listed as having 41,000 (22,800 in the west direction and 18,200 in the east direction) vehicles per day.

A summary of the Title V environmental hazards review is presented in **Table 1** below:

Table 1 – Title V Environment Hazards Summary

Site Identification	Power Lines within 350-ft or Cell Towers on or near the site	Railroad tracks within 1500-ft	Earthquake Fault Zone (EFZ)	Flood Hazard	Dam Inundation	Large aboveground water/fuel tanks
Calexico HS	**Yes**	No	No	No	No	**Yes**
Site Identification	**Natural Gas pipeline(s) (>80 psig)**	**Hazardous Liquid Pipeline(s)**	**High Volume Water Pipeline(s) (≥12-inches),**	**Freeway or other busy traffic corridor within 500-ft**	**Facilities with hazardous air emissions within ¼ mile**	**Airports within 2-nautical miles**
Calexico HS	No	No	**Yes**	No	**Pending**	**Yes**

Notes:

Yes – Additional studies/information may be required by CDE.
No – Additional studies do not appear necessary.
Pending – Information will be provided under separate cover when received.

5.2 ENVIRONMENTAL DATABASE INFORMATION

Padre obtained environmental agency database information from EDR. The EDR Radius Map report is included as **Appendix F**. The databases were reviewed to identify registrations and documented environmental incidents regarding the site and nearby properties

within a one-mile radius of the Project Site. Padre also attempted to locate unplottable sites that EDR did not locate because of incomplete or incorrect address information. The following sections summarize our findings.

5.2.1 National Priorities List - Federal Superfund

The National Priorities List is a U.S. Environmental Protection Agency (U.S. EPA) listing of private, state, and federally owned sites which have been included on the federal Superfund list for remediation.

- Neither the Project Site nor properties located within a 1-mile radius are identified on the National Priorities List.

5.2.2 U.S. Superfund Enterprise Management System (SEMS)

The U.S. EPA's SEMS Listings (formerly known as CERCLIS) are a compilation of sites that have been brought to the attention of the U.S. EPA, through various means, as being possible sites of hazardous waste activity. The SEMS listings are an information database and not necessarily an action list.

- The Project Site is identified on the SEMS List.
- No other properties located within a ½-mile radius are identified on the SEMS List.

A mercury spill was reported at Calexico High School on February 4, 2009. According to the EDR database report this was a "removal only site, no site assessment work needed". The facility is listed as having EPA oversight and a finish date of February 8, 2009.

5.2.3 RCRA-TSDF Listing

The U.S. EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA-Transportation, Storage, and Disposal Facilities (TSDF) database is a compilation by the U.S. EPA of reporting facilities that transport, treat, store, or dispose of hazardous waste.

- Neither the Project Site nor properties located within a ½-mile radius are identified on the RCRA-TSDF List.

5.2.4 RCRA - LQG's List

The U.S. EPA's RCRA Program identifies and tracks large quantity generators (LQG's). LQG's generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg acutely hazardous waste per month.

- Neither the Project Site nor properties located within a ¼-mile radius are identified on the RCRA-LQG's List.

5.2.5 RCRA - SQG's List

The U.S. EPA's RCRA Program identifies and tracks small quantity generators (SQG's). SQG's generate between 100 kg and 1,000 kg of hazardous waste per month.

- Neither the Project Site nor properties located within a ¼-mile radius are identified on the RCRA-SQG's List.

5.2.6 Emergency Response Notification System

The Emergency Response Notification System (ERNS) contains records on releases of oil and hazardous substances reported to the U.S. EPA and National Response Center of the U.S. Coast Guard.

- The Project Site is not identified on the ERNS List.

5.2.7 RCRA-CORRACTS Facilities Listing

The U.S. EPA's Resource Conservation and Recovery Act (RCRA) Corrective Action Sites Listing contains information pertaining to hazardous waste treatment, storage, and disposal facilities (RCRA TSD) which have conducted, or are currently conducting, a corrective action(s) as regulated under RCRA.

- Neither the Project Site nor properties located within a 1-mile radius are identified on the RCRA-CORRACTS List.

5.2.8 CA SWF/LF Listings

State and Tribal; landfill and/or solid waste disposal site listings. The Solid Waste Facility/Landfill facility (SWF/LF), solid waste information system (SWIS) maintains records of active, closed and inactive landfills.

- Neither the Project Site nor properties located within a ½-mile radius are identified on the CA SWF/LF List.

5.2.9 UST Listings

USTs are regulated under Subtitle I of RCRA and must be registered with the state department responsible for administering the UST program. In California, the State Water Resources Control Board has compiled a listing of UST sites. Active UST facilities lists are gathered from local regulatory agencies.

- The Project Site is not identified on the UST List.
- One property located within a ¼-mile radius is identified on the UST List.

7-Eleven Inc. #36027, 1101 Andrade Avenue, is located approximately 250-feet northeast of the Project Site. The number of tanks, date of installation, and contents are not listed. This facility is discussed in further detail in Section 5.2.11.

5.2.10 Historical UST

The Hazardous Substance Storage Container Database is a historical listing of UST sites, and is maintained by the California State Water Resources Control Board.

- Neither the Project Site nor properties located within a ¼-mile radius are identified on the Historical UST List.

5.2.11 CERS Tanks and Haz Waste

The CERS Tanks and Haz Waster Database is a list of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs and the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

- The Project Site is not identified on the CERS List.
- Two facilities located within a ¼-mile radius are identified on the CERS Lists and are discussed below:

The Calexico Unified School District (USD) Maintenance Department is continuous with the Calexico High School grounds, and initially all inspections were identified with the High School's address. The District requested and was granted that all future CUPA program inspections be addressed to the District's Maintenance Department at 1085 Andrade Avenue.

Calexico USD Maintenance Department, 1085 Andrade Avenue, is located northeast and adjacent to the Project Site. This facility is identified as a chemical storage facility with previous violations. The most recent violations are dated January 23, 2018 and include: (1) failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years; (2) failure to prepare an SPCC Plan which fulfills all basic requirements; and (3) failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date; and (4) Business Plan Program - failure to meet the hazardous waste container management requirements. The facility is listed as returned to compliance on February 23, 2018, and therefore is not considered a REC to the Project Site.

7-Eleven Inc. #36027, 1101 Andrade Avenue, is located approximately 250-feet northeast of the Project Site. This facility has had numerous violations associated with the operation of a public gasoline station. The most recent violations are dated May 28, 2020 and include: (1) failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly; (2) failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date; and (3) failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. The facility is listed as returned to compliance on August 10, 2020, and therefore is not considered a REC to the Project Site.

5.2.12 Leaking Underground Storage Tank List

The California Regional Water Quality Control Board is the agency with jurisdiction over leaking underground storage tanks (LUSTs) in the region of the site.

- The Project Site is not identified on the LUST List.
- One property located within a ½-mile radius is identified on the LUST List and is discussed below:

US Border Patrol Station, 813 Andrade Avenue is located approximately 500-feet southeast of the Project Site. A release of gasoline from a UST was reported in January 1994. Assessment and remediation occurred in 1995 and 1996. The status of the facility is listed as completed - case closed on May 9, 2000. Therefore, this facility is not considered a REC to the Project Site.

5.2.13 AST List

The Aboveground Storage Tank (AST) lists facilities with registered aboveground petroleum storage tanks, compiled by the State Water Resources Control Board (SWRCB).

- The Project Site is not identified on the AST List.
- One property located within a ¼-mile radius is identified on the AST List and is discussed below:

Calexico USD Maintenance Department, 1085 Andrade Avenue, is located northeast and adjacent to the Project Site. This facility is reported to have an AST with a capacity of 1,320 gallons. The contents and date of installation are not listed. No violations are reported.

As previously stated in Section 5.1.10, there is a compressed natural gas (CNG) fueling station located at the school district's Maintenance, Operations, and Transportation (MOT) facility, located at 1085 Andrade Avenue, Calexico, California. This facility is located adjacent to the Project Site at the northeast corner of the property parcel. This facility was constructed in 2004 and is a small publicly accessible CNG fueling station owned by the District. The primary use of the facility is to fuel the District's fleet of CNG powered school buses and other vehicles.

5.2.14 US Eng Controls List

The US Engineering Controls list consists of sites with engineering controls in place that 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.

- Neither the Project Site nor properties located within a ½-mile radius are identified on the US ENG Controls List.

5.2.15 US Inst Controls List

The US Institutional Controls list consists of sites with institutional controls in place that 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 onsite. Deed restrictions are generally required as part of the institutional controls.

- Neither the Project Site nor properties located within a ½-mile radius are identified on the US INST Controls List.

5.2.16 Historic Cal-Sites List

The State of California Historic Cal-Sites database contains potential or confirmed hazardous substance release properties. In 1996, the California Environmental Protection Agency reevaluated and significantly reduced the number of sites in the Cal-sites database.

- Neither the Project Site nor properties located within a 1-mile radius are identified on the Historic Cal-sites List.

5.2.17 WMUD/SWAT List

The Waste Management Unit Database System (WMUDS) is used by the State Water Resources Control Boards for program tracking and inventory of waste management units. The Solid Waste Assessment Test Program (SWAT) is a database maintained by the California Water Resources Control Board for information on the ground water monitoring of sanitary landfills.

- Neither the Project Site nor properties located within a ½-mile radius are identified on the WMUDS/SWAT List.

5.2.18 California Hazardous Materials Incident Reporting System

The California Hazardous Materials Incident Reporting System (CHMIRS) is maintained by the California Office of Emergency Services (OES) and contains information on reported hazardous materials accidental releases or spills.

- The Project Site is identified on the CHMIRS List.

Reportedly a sewage spill occurred at the Project Site on November 17, 2015. Approximately 250 gallons of sewage was released to the ground surface due to pump malfunction at a lift station. The spill was contained before reaching any storm drains, and was cleaned-up by a hired contractor.

5.2.19 CERCLIS-NFRAP List

The Comprehensive Environmental Response, Compensation, and Liability Information System - No Further Remedial Action Planned (CERCLIS-NFRAP) database is a list of sites that were removed CERCLIS in 1995. These sites may have been removed due to the following: after an initial investigation, no contamination was found; contamination was removed quickly without the need to place the site on the NPL; or the contamination was not serious enough to require Federal Superfund action or NPL consideration. 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.

- Neither the Project Site nor properties located within a ½-mile radius are identified on the CERCLIS-NFRAP List.

5.2.20 Voluntary Cleanup Program List

The Voluntary Cleanup Program database is maintained by the Department of Toxic Substances Control (DTSC). The VCP database contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee the investigation and/or cleanup activities and have agreed to provide coverage for DTSC's Costs.

- Neither the Project Site nor properties located within a ½ -mile radius are identified on the VCP List.

5.2.21 Hazardous Waste Information System

The Hazardous Waste Information System (HAZNET) database is developed from copies of hazardous waste manifests required for proper disposal of wastes and received each year by the DTSC.

- The Project Site is identified on the HAZNET List.

According to the HAZNET database, during the years 1992 thru 2019 asbestos containing waste was removed and disposed of at a designated landfill facility. Other manifested wastes that were properly disposed of, reused, or recycled included: unspecified organic liquid mixture; laboratory waste chemicals; liquids with pH ≤2; other organic solids; and waste oil and mixed oil. No violations were identified.

5.2.22 California CPS-SLIC

The California Cleanup Program (CPS) formerly known as Spills, Leaks, Investigations, and Cleanup (SLIC) sites is included in the Geotracker database maintained by the State Water Resources Control Board (SWRCB). GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

- Neither the Project Site nor properties located within a ½ -mile radius are identified on the CPS-SLIC List.

5.2.23 ENVIROSTOR List

The DTSC Site Mitigation and Brownfields Reuse Program (SMBRPs) maintain a database that identifies sites that have known contamination or sites for which there may be reasons to investigate further.

- The Project Site is not identified on the Envirostor List.

- Five properties located within a 1-mile radius are identified on the Envirostor List, and are discussed below:

CM Property Junior High School, Palo Verde Road/Maple Street, is located approximately 0.5-miles east-southeast from the Project Site. A preliminary environmental assessment (PEA) was completed in April 2005 and consisted of soil sampling for pesticides associated with historic agriculture property use. Based on the findings of the PEA, DTSC issued a “No Further Action” designation for the subject property.

Las Brisas Elementary, Palo Verde Road/Maple Street, is located approximately 0.5-miles east-southeast from the Project Site. A PEA was completed in December 2002 and consisted of soil sampling for pesticides associated with historic agriculture property use. Based on the findings of the PEA, DTSC issued a “No Further Action” designation for the subject property.

Cesar Chavez Elementary School, East Zapata/Bowker Road, is located approximately 0.7-miles north-northwest from the Project Site. A preliminary environmental assessment (PEA) was completed in August 2001 and consisted of soil sampling of pesticides associated with historic agriculture property use. Based on the findings of the PEA, DTSC designated “No Further Action” for the subject property.

The proposed 8-acre Vocational High School, CM Ranch, is located approximately 0.9-miles east-southeast from the Project Site. The completion of a PEA for historic agriculture property use was withdrawn in February 2013.

The proposed 17-acre Elementary School #9, CM Ranch, is located approximately 0.9-miles east-southeast from the Project Site. The completion of a PEA for historic agriculture property use was withdrawn in February 2013.

Based on distance, location, and findings of the subject PEAs, these properties are not considered RECs to the Project Site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the scope of services performed for this Phase I ESA and Title V Environmental Hazards Review, Padre makes the following conclusions and recommendations regarding the Project Site:

The Project Site is occupied by Calexico High School which is located on a 42.56-acre parcel of land referenced by the Imperial County Assessor's Office as assessor's parcel number (APN): 058-010-017. This parcel includes the high school grounds, the District's Maintenance Department Facility, and the District's Administrative Department. The Maintenance and Administrative Department areas are not included as part of the Project Site.

A subject property owner environmental questionnaire was completed on March 4, 2021 by Chris De La Rosa, a District representative. According to Mr. De La Rosa the District purchased the property in 1952 and the first school buildings were constructed shortly thereafter. Prior to school development the Project Site was used for agriculture.

A review of historical aerial photographs indicates that many of the existing school buildings were constructed between the 1950s and the 1970s. Therefore, the potential for asbestos containing material (ACM) and lead-based paint (LBP) associated with existing building structures is considered a REC.

A review of the Environmental Data Resources (EDR) Radius Map Report did not identify facilities in the database records search within a one-mile radius of the Project Site that present a REC to the Project Site.

Based on the finding of the Phase I ESA, Padre concludes that the CDE may require the completion of risk management plans and/or mitigation measures for the following Title V environmental hazards identified for the Project Site:

- The presence of three (3) 12-inch diameter water pipelines located beneath city streets adjacent to the Project Site;
- The presence of a Verizon Cellular Tower located on the eastern portion of the Project Site;
- The presence of a compressed natural gas (CNG) fueling station at the District's Maintenance Department facility, located at the northeast corner of the property parcel (not a part of the Project Site); and
- The presence of the Calexico International Airport located approximately 1.2 nautical miles southwest of the Project Site.

Based on the findings of the Phase I ESA, Padre concludes that the DTSC may require the completion of a Preliminary Environmental Assessment (PEA) at the Project Site based on the following RECs:

- Potential presence of arsenic in soil from historic agricultural use;
- Potential presence of residual pesticides in soil from direct application of termiticides and/or ant control around the perimeters of building structures;
- Potential presence of residual lead in soil from the weathering of lead-based paint from building structures; and
- Potential presence of PCBs in soil from the weathering of caulking used in windowpanes containing PCBs, and PCBs in soil near pole- and pad-mounted electrical transformers.

6.1 DATA GAPS

The following Phase I ESA data gaps were identified:

Padre contacted the Imperial County Air Pollution Control District (ICAPCD) to inquire about the presence of facilities located within a ¼-mile radius of the Project Site, which might reasonably be anticipated to emit hazardous air emissions. At the time of this report preparation the ICAPCD had not responded to the request for information. When the information is received it will be provided to the District under separate cover.

Padre contacted Southern California Edison (SCE) to inquire about the presence of high voltage power transmission lines located within 350 feet of the Project Site. At the time of this report preparation, SCE respond by email that it will take 11- to 12-weeks to process the “Map Requests”. When the information is received it will be provided to the District under separate cover.

6.2 CERTIFICATION

We declare that, to the best of our professional knowledge and understanding, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. Additionally, we have the specific qualifications based on education, training, and experience to assess the nature, setting, and of the subject property. We have performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part §312. Qualifications of the environmental assessors responsible for the preparation of this report are presented in **Appendix G**.

7.0 LIMITATIONS

This report has been prepared by Padre Staff on behalf of Calexico Unified School District under the professional supervision of the principal and/or senior staff whose signatures and/or seals(s) appear hereon. Neither Padre, nor any employee assigned to this assessment program, has an interest or contemplated interest, financial or otherwise, in the subject site or surrounding properties, or in any entity that owns, leases, or occupies the subject site or surrounding properties or that may be responsible for environmental issues identified during this assessment, or a personal bias with respect to the parties involved.

The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgment and are founded upon the findings of the assessment activities identified in the report and the interpretation of such data, based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either expressed or implied.

In expressing the opinions stated in this report, Padre has exercised the degree of skill and care ordinarily exercised by a reasonable, prudent environmental professional in the same community and in the same time frame, given the same or similar facts and circumstances. Documentation and data provided by others, or from the public domain, and referred to in the preparation of this assessment, have been used and referenced with the understanding that Padre does not assume responsibility or liability for their accuracy.

-- o –

8.0 REFERENCES

Calexico, City of, General Plan Update, August 2015.

Calexico, City of, Public Works Department

California Department of Conservation – Geologic Energy Management Division (https://maps.conservation.ca.gov/doggr/)

California Department of Public Health, Indoor Radon Program (https://www.cdph.ca.gov/Programs/CEH/DRSEM/Pages/EMB/Radon/Radon.aspx)

California Geological Survey, *A General Location Guide For Ultramafic Rocks in California - Areas More Likely to Contain Naturally Occurring Asbestos*. Open File Report 2000-19, 2000.

California Department of Toxic Substances Control, Envirostor Database.

California Department of Transportation (https://dot.ca.gov/programs/traffic-operations/census/traffic-volumes/2017/route-92-98).

California Department of Water Resources (https://wdl.water.ca.gov/Home.aspx).

Environmental Data Resources, Inc., EDR Radius Map with Geocheck – Ginny Property, 488 Ginny Drive, Windsor, CA 95492.

Environmental Data Resources, Inc., EDR Aerial Photographs Database, Aerial Photographs, 1942, 1952, 1968, 1973, 1983, 1993, 2006, 2012, and 2016.

Federal Emergency Management Agency, *Flood Insurance Rate Map- Community Panel Number: 06097C0562E,* Effective Date: December 2, 2008.

Garcia, Anisa. (Calexico Unified School District). 2020. Calexico Unified School District Compressed Natural Gas Station Upgrade Project. California Energy Commission. Publication Number: CEC-600-2020-138.

Geological Map of California, *San Diego-El Centro Sheet, 1:250,000*, 1962.

Geological Survey Professional Paper 486-K, Geohydrologic Reconnaissance of the Imperial Valley, 1962.

Google Earth.

Imperial County Air Pollution Control District

Imperial County Environmental Health Department

Jennings, C.W. (1994), *Fault Activity Map of California and Adjacent Areas, with Locations and Ages of Recent Volcanic Eruptions, Scale 1:750,000*, California Division of Mines and Geology Geologic Data Map No. 6.

Jennings and Bryant, 2010, Fault Activity Map of California, California Geological Survey.

Norris, R. M., & R. W. Webb, 1976 (Second Edition 1990), *Geology of California*, John Wiley & Sons, New York, pp. 412-427.

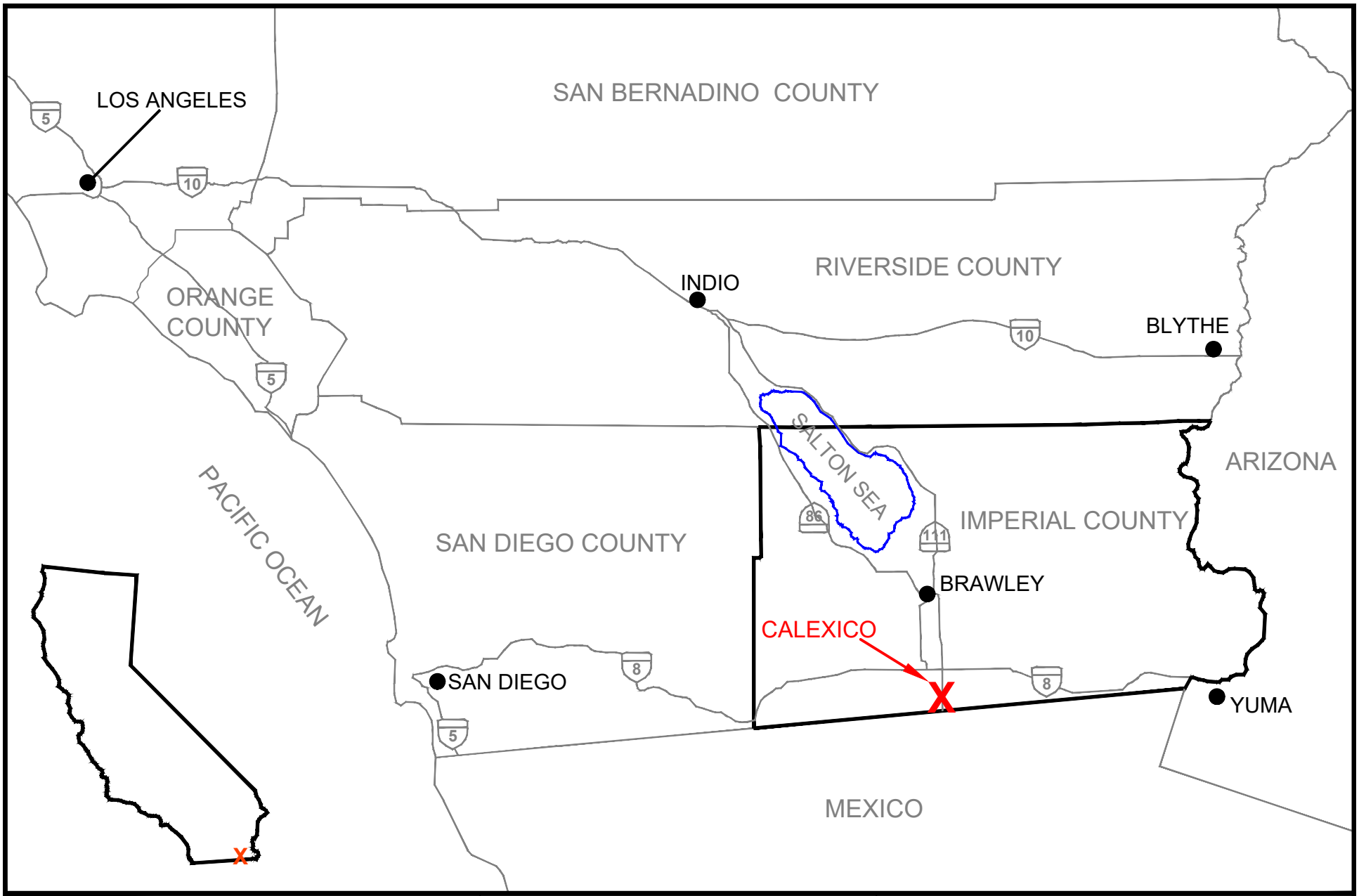
Southern California Edison.

Southern California Gas Company.

State Water Resources Control Board Geotracker website (http://geotracker.swrcb.ca.gov).

U.S. Geological Survey, 7.5-Minute Topographic Quadrangle – Calexico, California (2012).

PLATES



padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

0 ~25 MILES
FEET

CALEXICO HIGH SCHOOL RENOVATION PROJECT
1030 ENCINAS AVENUE
CALEXICO, IMPERIAL COUNTY, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2001-8901	2/11/21	AC	AJK

PLATE 1

SITE LOCATION

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

GOOGLE EARTH IMAGERY (4/18)

CALEXICO HIGH SCHOOL RENOVATION PROJECT
1030 ENCINAS AVENUE
CALEXICO, IMPERIAL COUNTY, CALIFORNIA

PROJECT NO.	DATE	DR. BY	APP. BY
2001-8901	3/25/21	AC	AJK

PLATE 2

SITE MAP

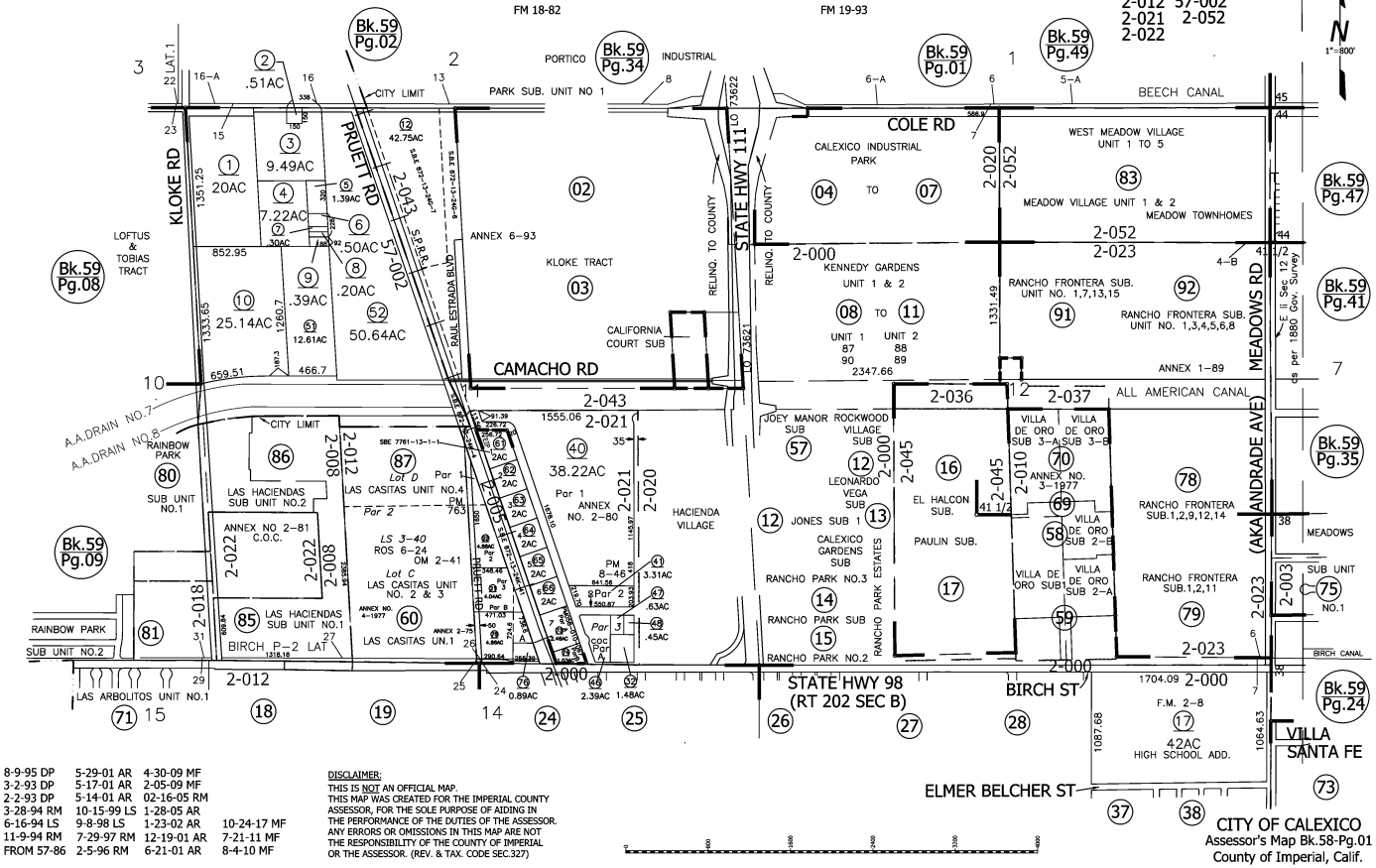
APPENDIX A

ASSESSOR'S PARCEL MAP
AND
FLOOD INSURANCE RATE MAP

POR. CITY OF CALEXICO & ESTRADA INDUSTRIAL PARK
FM 19-8
& POR. SEC. 11&12 T17S, R14E & POR. TRACT 41 1/2 T17S, R14/15E
MEADOW VILLAGE SUBD. UNIT NO.1 & WEST MEADOW VILLAGE SUB. UNIT NO.4
FM 18-82 FM 19-93

Tax Area Code
2-000 2-023
2-005 2-030
2-008 2-043
2-012 57-002
2-021 2-052
2-022

58-01



8-9-95 DP	5-29-01 AR	4-30-09 MF	
3-2-93 DP	5-17-01 AR	2-05-09 MF	
2-2-93 DP	5-14-01 AR	02-16-05 RM	
3-28-94 RM	10-15-99 LS	1-28-05 AR	
6-16-94 LS	9-8-98 LS	1-23-02 AR	10-24-17 MF
11-9-94 RM	7-29-97 RM	12-19-01 AR	7-21-11 MF
FROM 57-86	2-5-96 RM	6-21-01 AR	8-4-10 MF

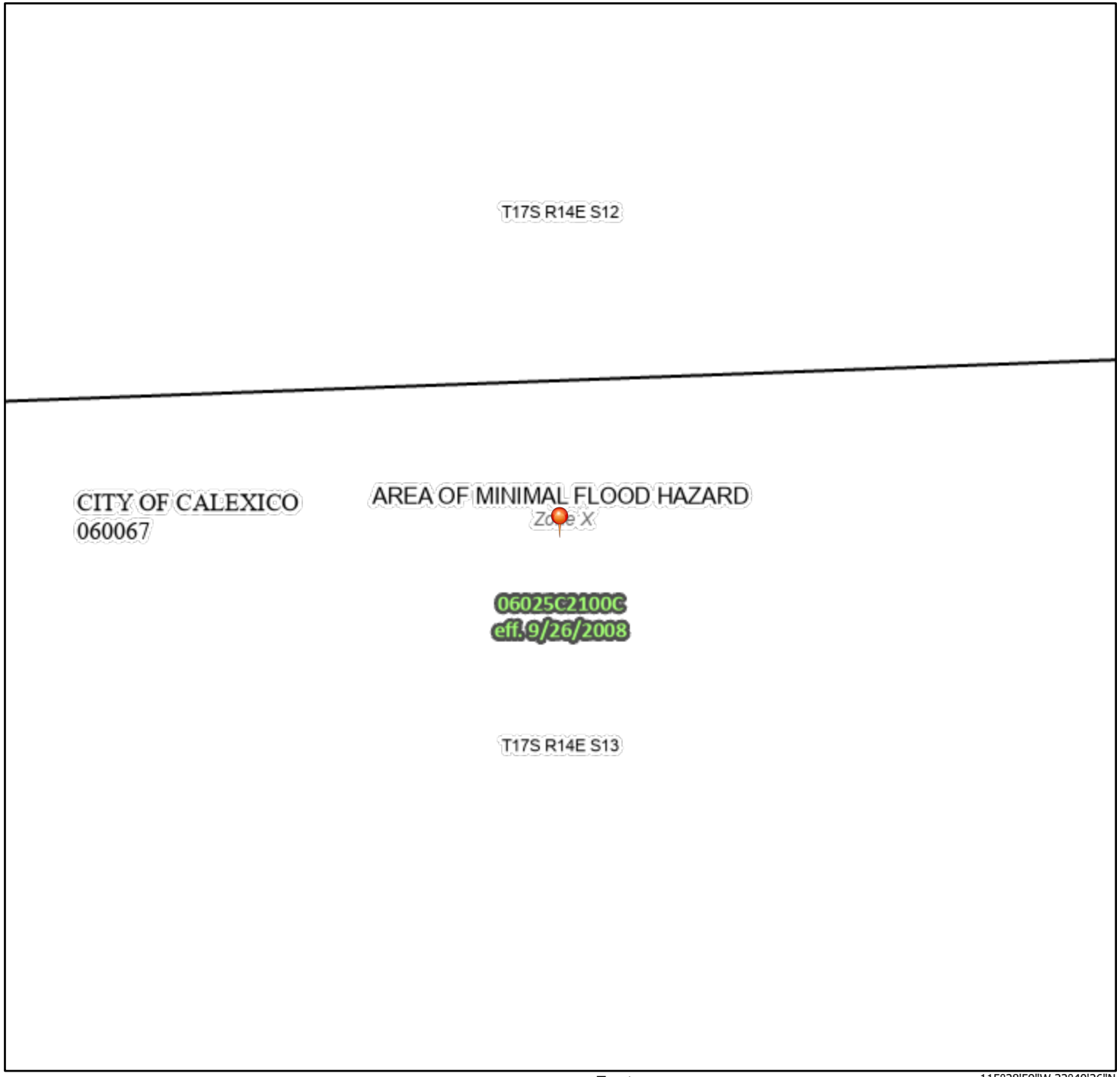
DISCLAIMER:
THIS IS NOT AN OFFICIAL MAP.
THIS MAP WAS CREATED FOR THE IMPERIAL COUNTY ASSESSOR, FOR THE SOLE PURPOSE OF AIDING IN THE PERFORMANCE OF THE DUTIES OF THE ASSESSOR. ANY ERRORS OR OMISSIONS IN THIS MAP ARE NOT THE RESPONSIBILITY OF THE COUNTY OF IMPERIAL OR THE ASSESSOR. (REV. & TAX. CODE SEC.327)

CITY OF CALEXICO
Assessor's Map Bk.58-Pg.01
County of Imperial, Calif.

National Flood Hazard Layer FIRMette

FEMA

115°29'36"W 32°40'56"N



115°28'59"W 32°40'26"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- B 20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/9/2021 at 8:58 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

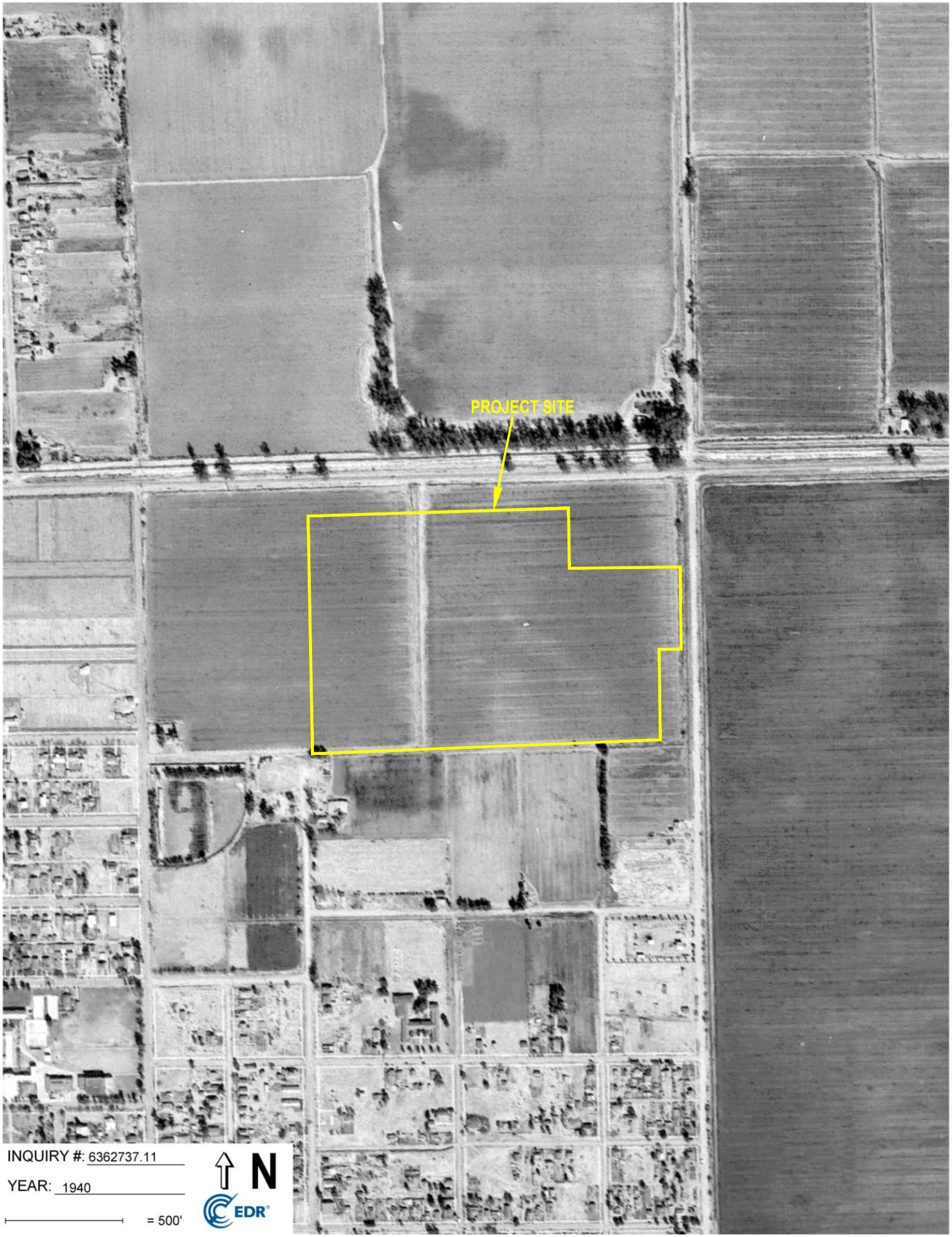
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

APPENDIX B

HISTORICAL AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS

INQUIRY #: 6362737.11

YEAR: 1937


PROJECT SITE
INQUIRY #: 6362737.11
YEAR: 1940
= 500'
N
EDR

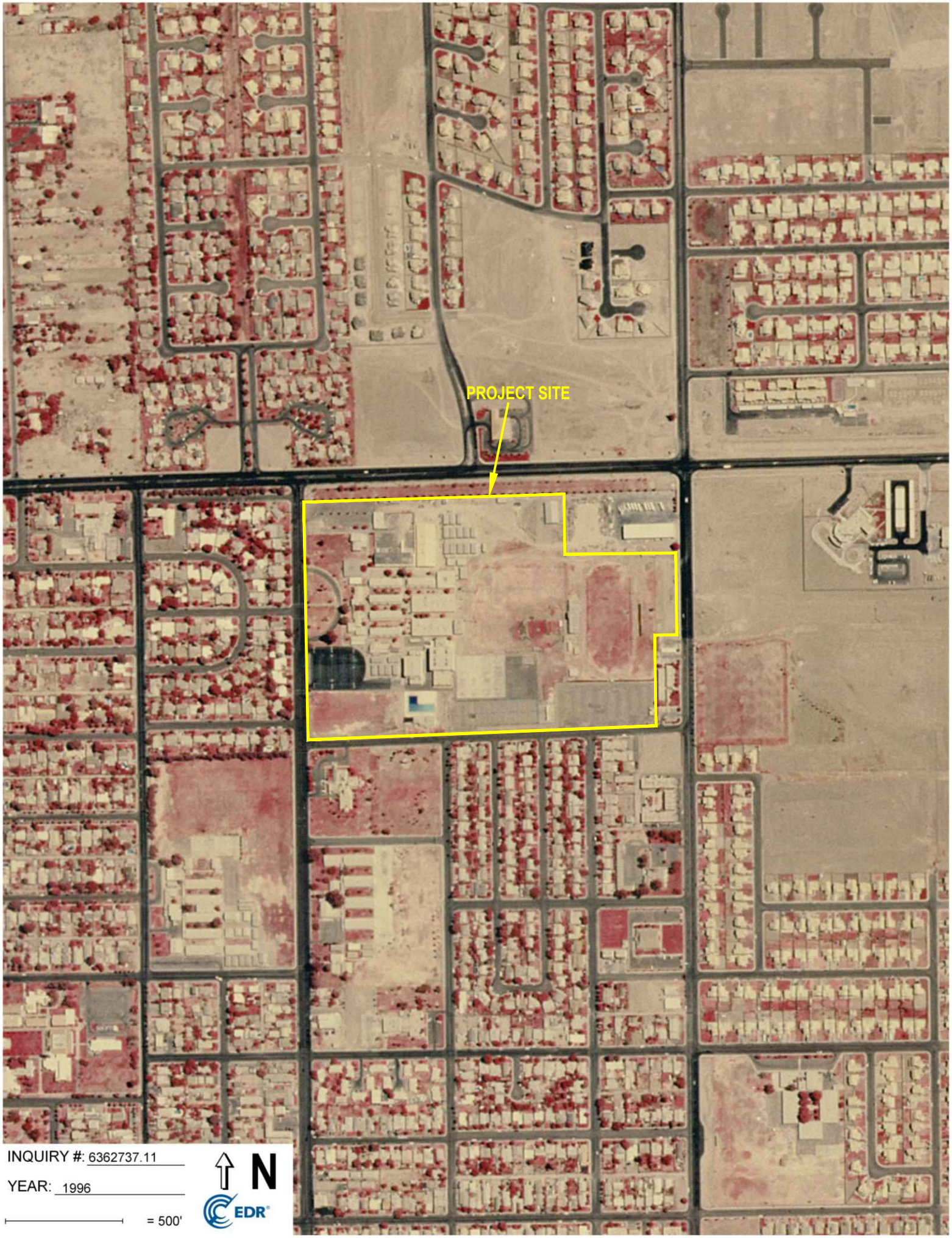
PROJECT SITE
INQUIRY #: 6362737.11
YEAR: 1953
= 500'
N
EDR

INQUIRY #: 6362737.11

YEAR: 1976

= 500'

PROJECT SITE
INQUIRY #: 6362737.11
YEAR: 1985
= 500'
N
EDR

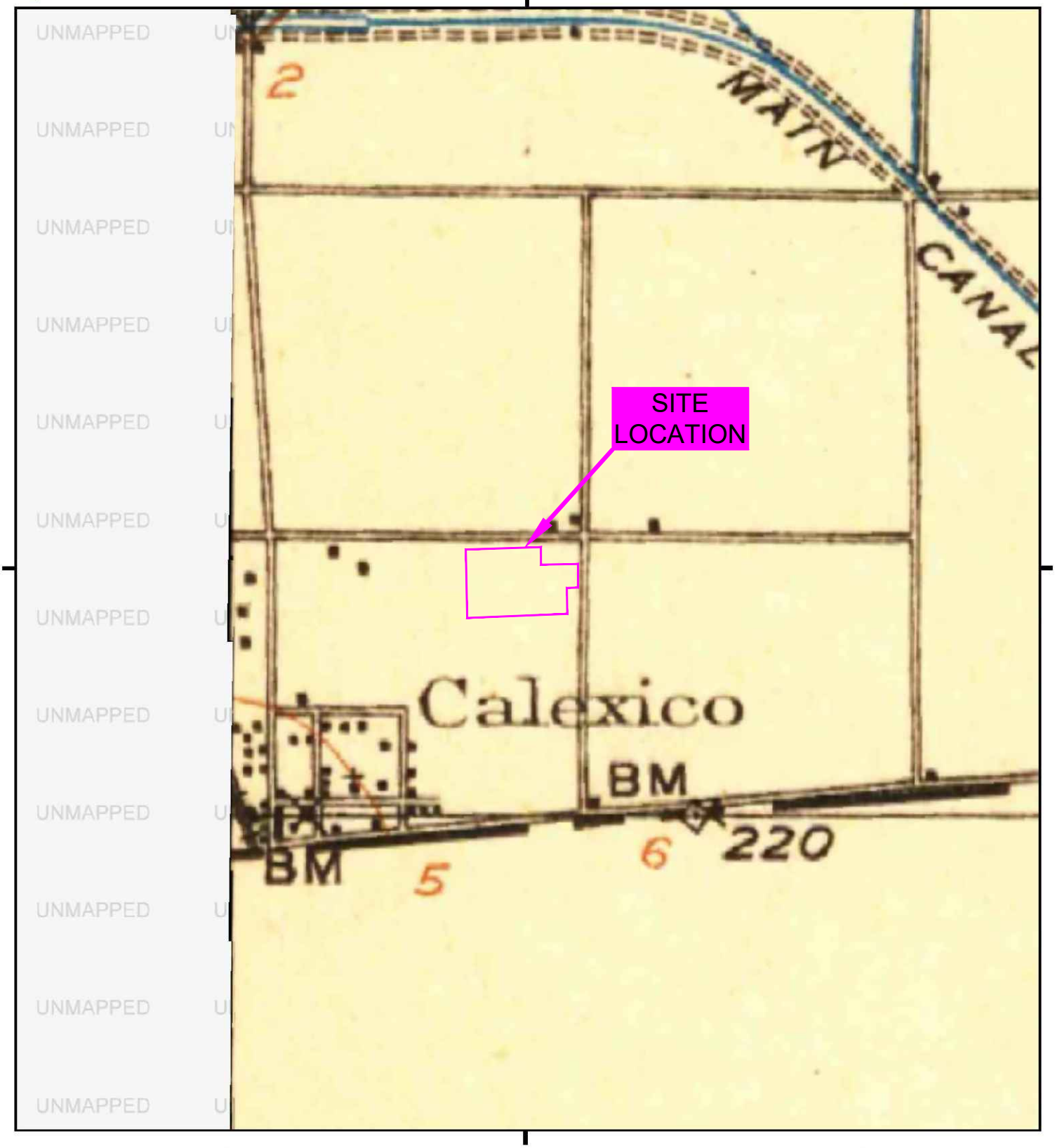

PROJECT SITE
INQUIRY #: 6362737.11
YEAR: 1996
= 500'
N
EDR

PROJECT SITE
INQUIRY #: 6362737.11
YEAR: 2006
= 500'
N
EDR

PROJECT SITE
INQUIRY #: 6362737.11
YEAR: 2016
= 500'
N
EDR

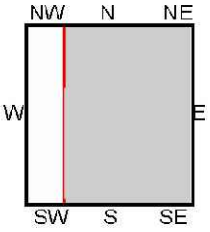
Historical Topo Map

1907



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



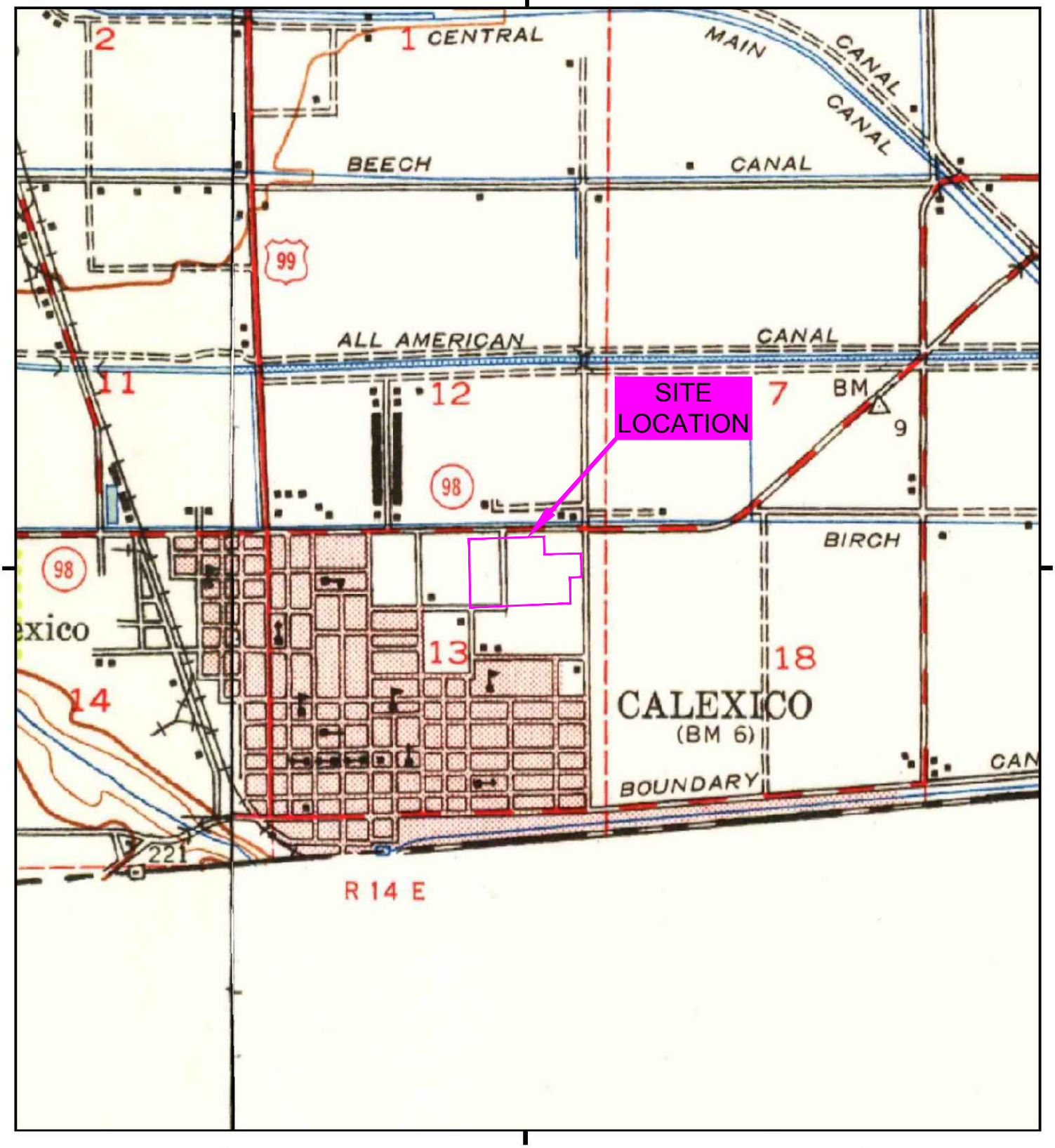
TP, Holtville, 1907, 30-minute

SITE NAME: Calexico High School
ADDRESS: 1030 Encinas Avenue
Calexico, CA 92231
CLIENT: Padre Associates, Inc

N

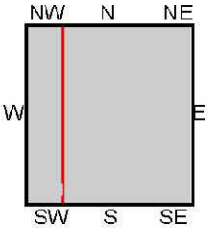
Historical Topo Map

1940



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



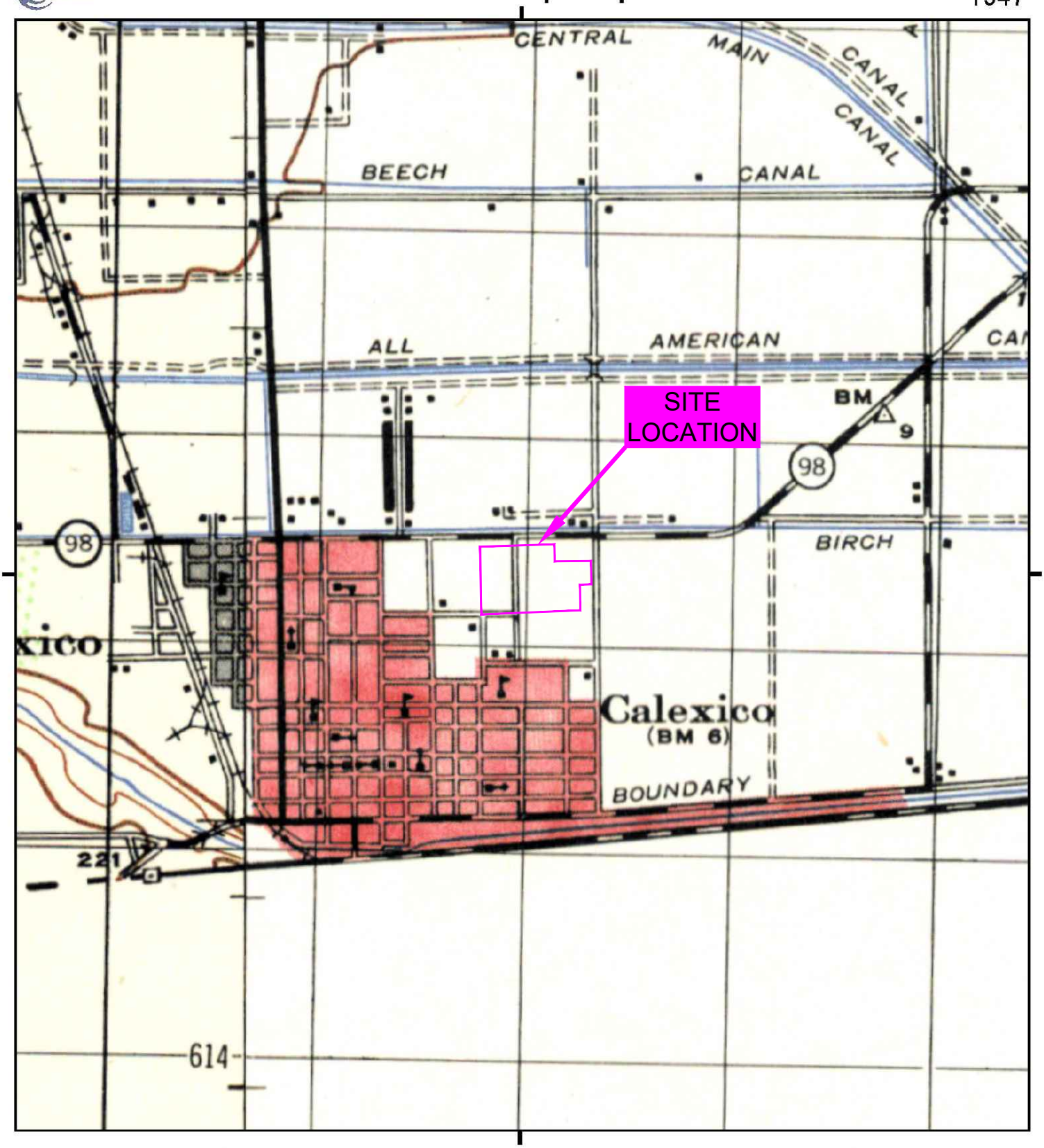
TP, Calexico, 1940, 15-minute
SW, Heber, 1940, 15-minute

SITE NAME: Calexico High School
ADDRESS: 1030 Encinas Avenue
Calexico, CA 92231
CLIENT: Padre Associates, Inc

N

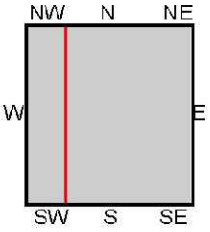
Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



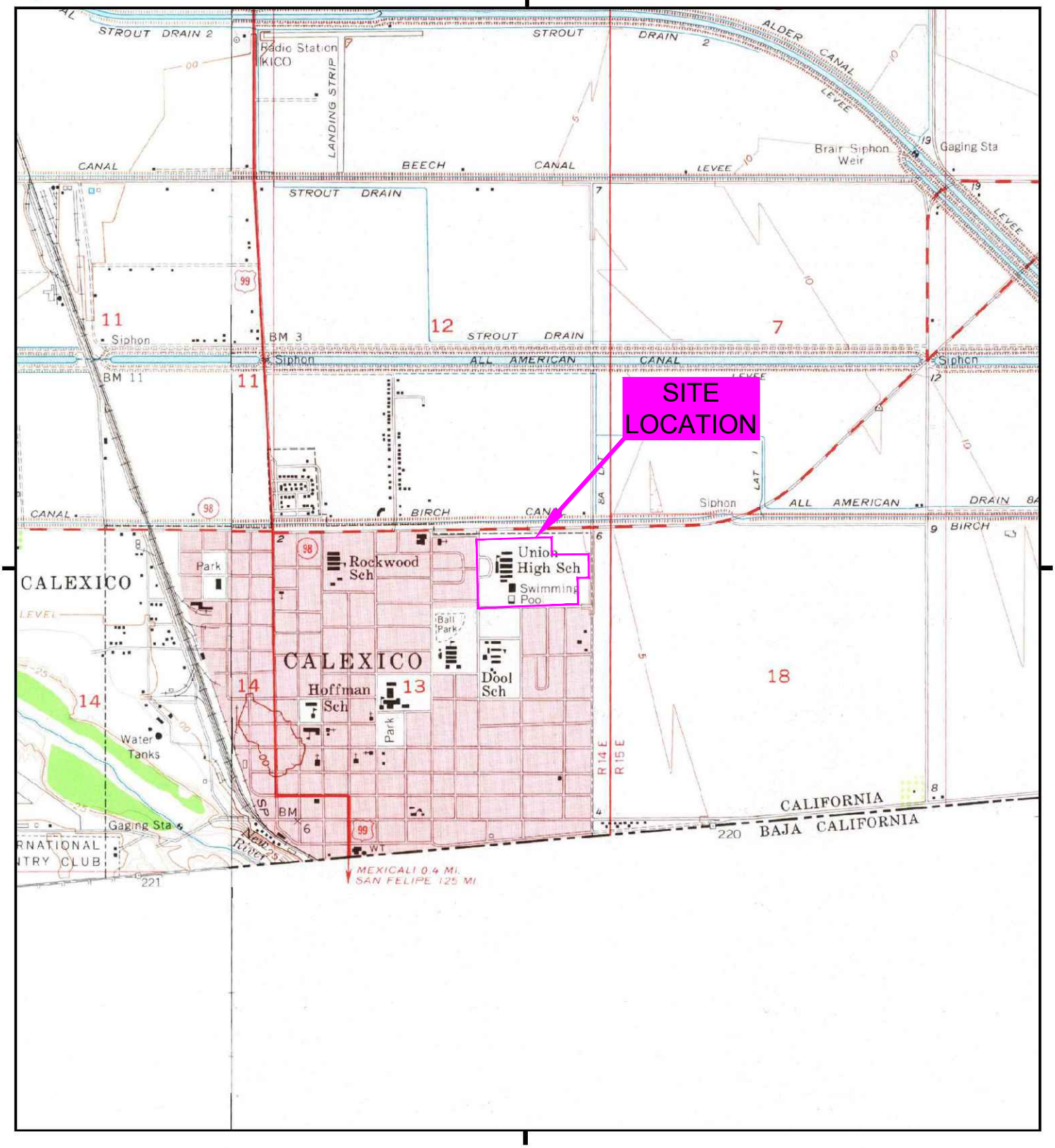
TP, CALEXICO, 1947, 15-minute
SW, HEBER, 1947, 15-minute

SITE NAME: Calexico High School
ADDRESS: 1030 Encinas Avenue
Calexico, CA 92231
CLIENT: Padre Associates, Inc

N

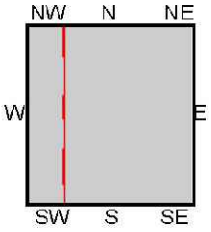
Historical Topo Map

1957



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



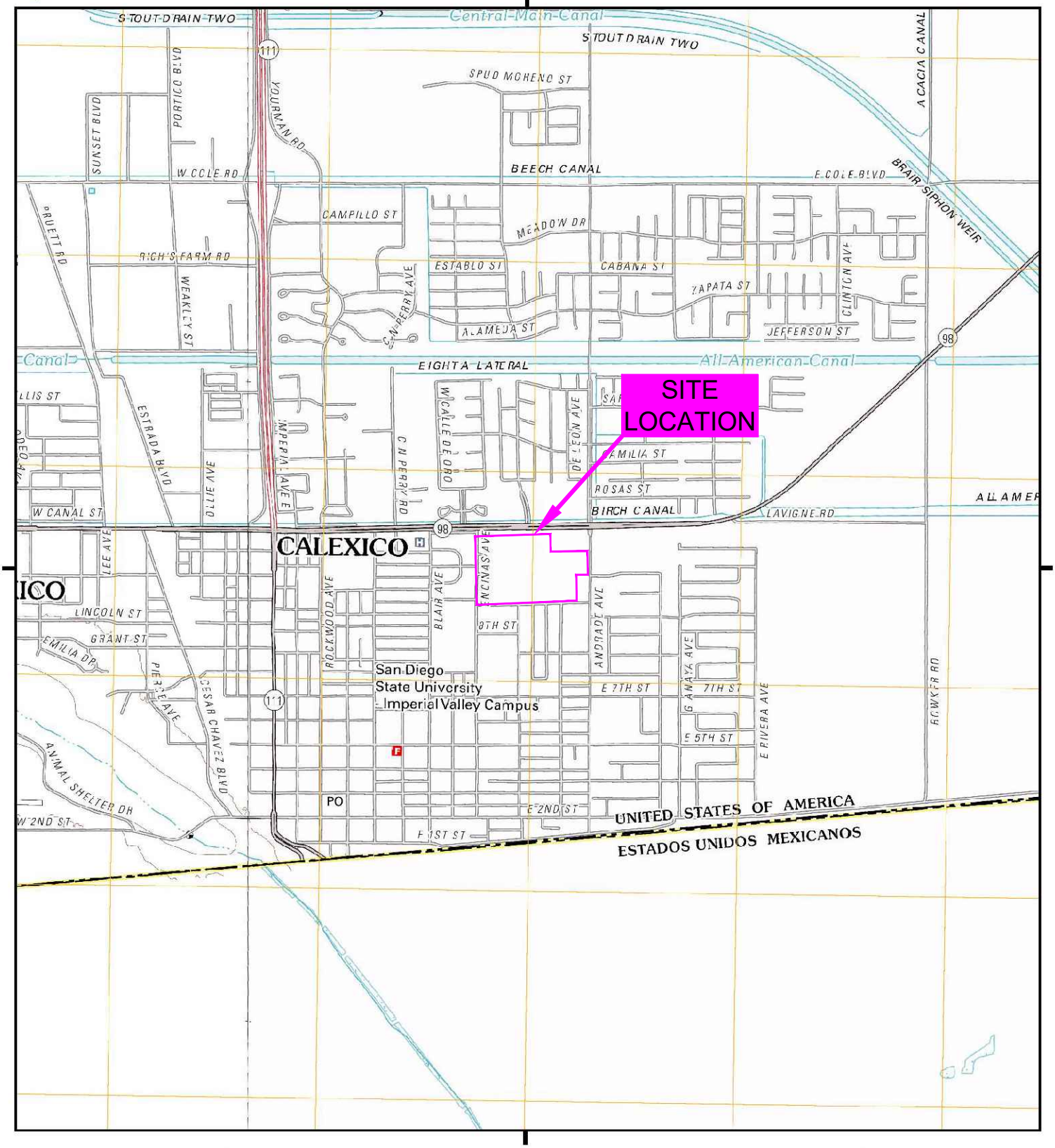
TP, Calexico, 1957, 7.5-minute
W, Heber, 1957, 7.5-minute

SITE NAME: Calexico High School
ADDRESS: 1030 Encinas Avenue
Calexico, CA 92231
CLIENT: Padre Associates, Inc

N

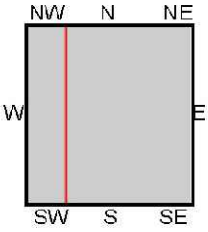
Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Calexico, 2012, 7.5-minute
W, Heber, 2012, 7.5-minute

SITE NAME: Calexico High School
ADDRESS: 1030 Encinas Avenue
Calexico, CA 92231
CLIENT: Padre Associates, Inc

N

APPENDIX C
SITE PHOTOGRAPHS

Photo No.1 – Entrance to Calexico High School along Encinas Ave.	Photo No.2 – View of Godfrey Gymnasium Building.
Photo No.3 – New 12-Classroom Building under construction. Located north of High School entrance parking lot.	Photo No.4 – New 16-Classroom Building. Located south of High School entrance parking lot.

GoPhoto No.5 – View between older classroom buildings.	Photo No.6 – View of weathered window caulking.
Photo No.7 – Pad-mounted electrical transformer located between High School buildings.	Photo No.8 – Pole-mounted electrical transformer located along Elmer Belcher Street.

Photo No.9 – View of hardcourts located at the south-central section of the High School.	Photo No.10 – View of Football/Soccer/Track Stadium located at the west end of the High School.
Photo No.11 – View of portable classrooms. Located north-central section of the High School.	Photo No.12 – View between Gymnasium buildings.

Photo No.13 – Calexico High School Future Farmers of America (FFA) Livestock Project Laboratory.	Photo No.14 – 55-gallon drums containing oil waste. Located near automotive shop.
Photo No.15 – Entrance to District's Maintenance Department. Located on Andrade Avenue.	Photo No.16 – View of District's Administrative Department. Located on Andrade Avenue.

APPENDIX D

SUBJECT PROPERTY ENVIRONMENTAL QUESTIONNAIRE

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

Project Site Environmental Questionnaire

Padre Associates, Inc. (Padre), on behalf of the **Calexico Unified School District**, is requesting the completion of the following questionnaire. The purpose of the questionnaire is to identify past and current use(s) of the Project Site. Please answer the following questions to the best of your knowledge. If you need more space, please use the back of the questionnaire or a separate sheet(s) of paper. If the answer to the question is unknown, write "unknown".

Project Site: Calexico High School, 1030 Encinas Avenue, Calexico, Imperial County, California. Refer to the attached site map.

1. Current property owner: Calexico Unified School District

Contact: Chris De La Rosa Email / Phone No.: (760) 768-3888

2. Date of Ownership: 1952

3. Previous property owner/date of ownership: Unknown

4. Property Address / Acres: 1030 Encinas Avenue, Calexico, CA 92231

5. Assessor's Parcel Number(s): 058-010-017

6. Current Property Use: Educational Facility

7. Historic Property Use: Pre-1952 Agricultural Use

8. Are there building structures located onsite (if yes, provide construction date and use): Administration, Classrooms, and various educational facilities. Construction - 1952.

9. Were there former building structures located onsite (if yes, provide former location and date of removal): Unknown.

10. Are there any water wells located onsite (irrigation/domestic/monitoring): No. Raw water last used in the 1980's.

11. Are there any septic tanks and/or leach fields located onsite: Yes. The FFA animal pen has a septic tank and the original storm drains are a leach system.

padre associates, inc.
ENGINEERS, GEOLOGISTS & ENVIRONMENTAL SCIENTISTS

12. Are there any pits, ponds, or lagoons in connection with waste treatment or waste disposal located onsite: No

13. Are there any underground or aboveground storage tanks located onsite: No

14. Are there any landfills and/or burn pits located onsite: No

15. List past and present pesticide/herbicide use (List chemicals/yrs): Cyfluthrin; Bifenthrin; Fipronil: Abemectin b; Hydroprene; Orthoboric Acid; Imidacloprid; dtrans-Allethrin; Pyrethrins; Piperonyl butoxide; Amorphous Silica;

16. Have there been any chemical spills and/or incidents located onsite: Yes, Mercury spill on January 29, 2009. Clean-up completed on February 8, 2009 with CALEPA oversight.

17. Has fill material (soil) been imported to the property (date, volume, borrow source): Engineered fill for building foundations.

COMPLETED BY:

Signature: for Carlos Dominguez (District Rep) Date: March 4, 2021 4/5/2021

Print Name: Chris De La Rosa

Representing: Calexico USD

Please return the questionnaire to: Padre Associates, Inc.
350 University Avenue, Suite 250
Sacramento, California 95825
Attn: Alan Klein, (916) 333-5920, Ext. 240

Email completed questionnaire to: aklein@padreinc.com

APPENDIX E
PIPELINE INFORMATION

Transmission Technical
Services Department

9400 Oakdale Ave
Chatsworth, CA 91311
SC9314

February 11, 2021

Alan J. Klein
PADRE ASSOCIATES, INC.
aklein@PadreInc.com

Subject: **Calexico High School Title 5 Education Code**

DCF: **0248-21NC**

The Transmission Department of SoCalGas does not operate any facilities within your proposed improvement. However, the Distribution Department of SoCalGas may maintain and operate facilities within your project scope.

To assure no conflict with the Distribution's pipeline system, please e-mail them at:

SCGSERegionRedlandsUtilityRequest@semprautilities.com

Best Regards,

SoCalGas Transmission Technical Services
SoCalGasTransmissionUtilityRequest@semprautilities.com

February 23, 2021

Attn: Alan Klein
Padre Associates, Inc.
350 University Avenue, Suite 250
Sacramento, California 95825

Pipeline Information Request: Engineering Project #21-0198

RE: Alan Klein is requesting a PIR for presence of any high-pressure gas lines within 1,500 feet of the proposed 42.56 -acre school site of Calexico High School on 1030 Encinas Avenue, Calexico, CA 92231

Dear Alan Klein,

The Gas Company operation and maintenance procedures are in compliance with the Department of Transportation, Title 49 of the Code of Federal Regulations, Part 192. These Company Procedures are on file with the California Public Utilities Commission that audits The Gas Company's compliance annually. In addition, The Gas Company is aware of the new requirement under Title 5, California Code of Regulations, Section 14010 (h), Standards for School Site Selection, which applies to gas pipelines near schools, and has been very responsive in providing necessary pipeline data to outside consultants conducting risk analysis studies on proposed school sites. The new requirement specifies that:

> *"The site shall not be located near an above-ground water or fuel storage tank or within 1500 feet of the easement of an above-ground or underground pipeline that can pose a safety hazard as determined by a risk analysis study, conducted by a competent professional, which may include certification from a local public utility commission."*

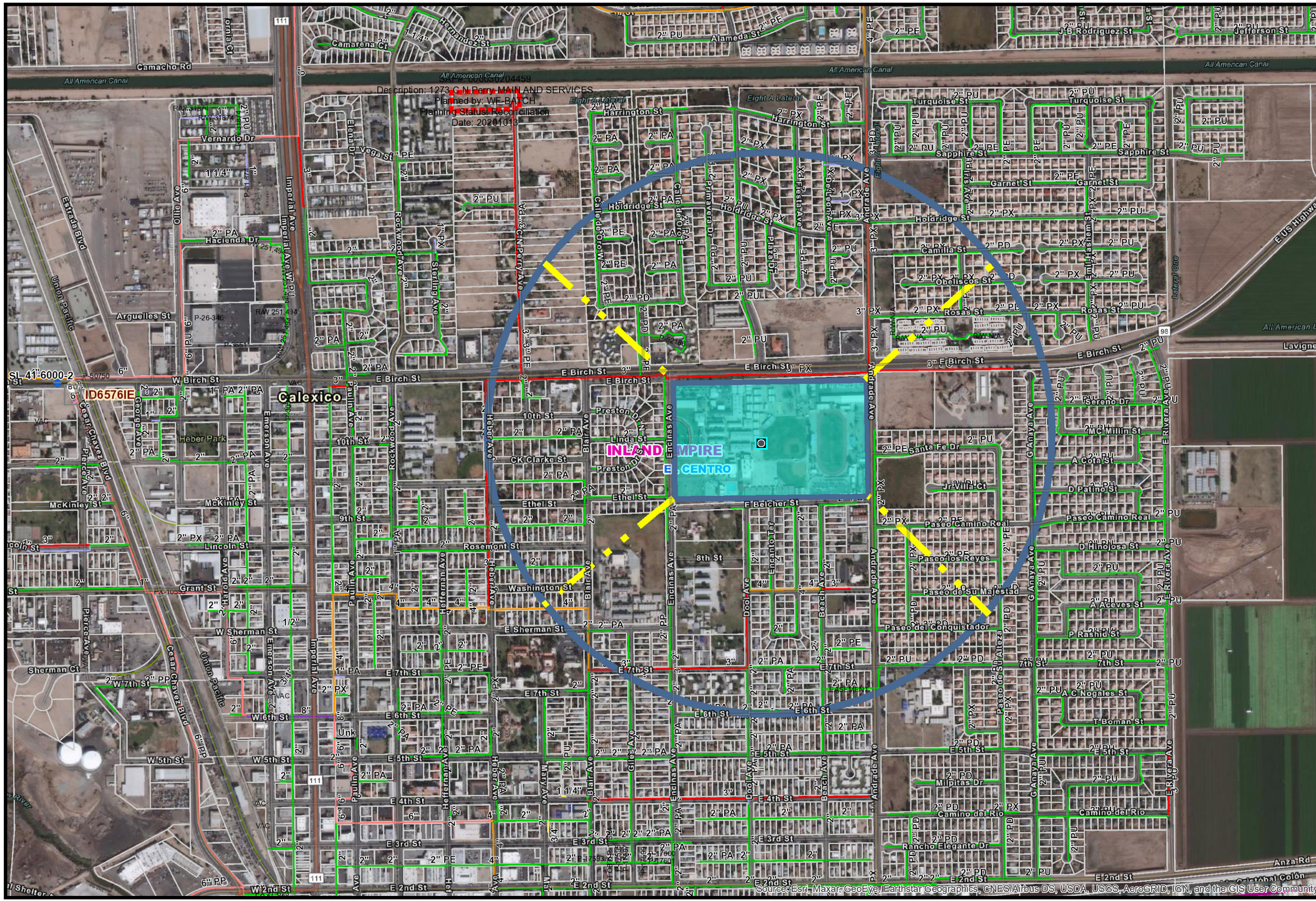
The Gas Company continues to strive to reduce the risk to public safety through technological advances, an active pipeline integrity management program, and being an active participant in the statewide Underground Service Alert Program. We operate our pipelines at or below the allowable pressures and make every effort to use the latest engineering advances in the design and construction of our pipeline system. As a result, The Gas Company operates nearly 4,000 miles of high-pressure transmission pipelines and over 44,000 miles of distribution lines collectively, contributing to one of the safest pipeline systems in the nation.

In response to your question concerning the proposed school site located at 1030 Encinas Avenue Calexico, CA 92231, we have determined that The Gas Company does not currently own and operate a high-pressure pipeline within a 1,500 ft radius.

If there are any further questions, please feel free to contact me.

Sincerely,

Vatsal Desai
Engineer II
909-488-9640



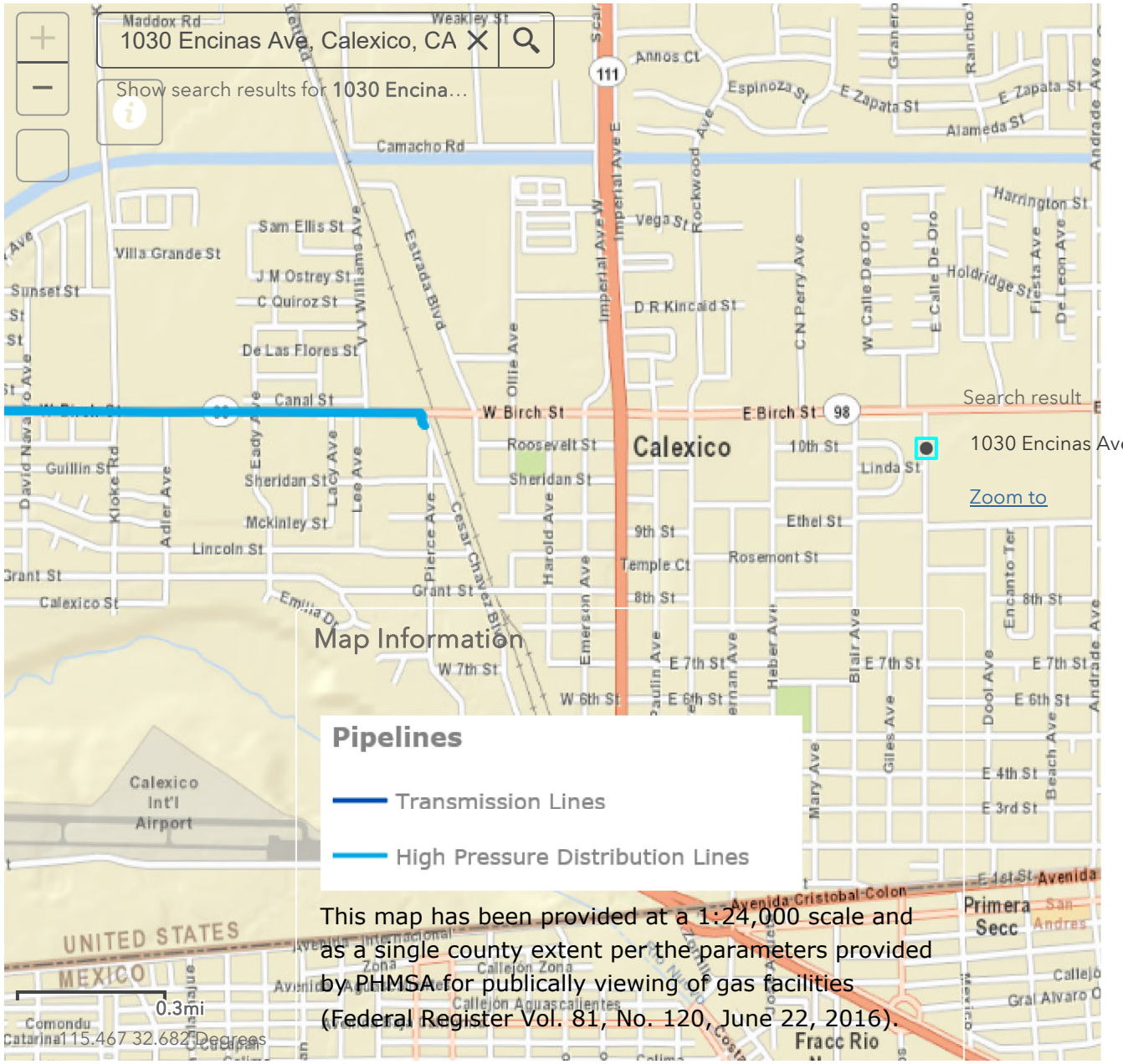
1 in = 752 ft

Map Name:	**RER 21-0198**
Map Type:	**Gas Asset Map**
Printed By:	Nestor Alegria
Printed Date:	2/23/2021

LIABILITY STATEMENT The facilities and their depiction on these maps are believed to be reasonably accurate, but the maps are not to be used in lieu of field verification or calling USA at 800-422-4133. NO WARRANTY expressed or implied (including of merchantability or of fitness for a particular purpose) is made as to any matter, including but not limited to, the design, size, type or location of the facilities, their presence or absence, the accuracy of the maps, the means used to transmit the data, absence of viruses (if transmitted electronically, by disk or diskette), data translation or transmission errors or omissions, compatibility with the user's system or as its ability to interpret the data correctly or at all, or any other matter. The Gas Company has no liability for damages (direct, indirect, consequential, incidental or punitive) arising from the transmission, receipt or use by others of the maps or information contained in the maps.

SoCalGas
A Sempra Energy utility

Gas Transmission Pipeline Interactive Map - Imperial



This map has been provided at a 1:24,000 scale and as a single county extent per the parameters provided by PHMSA for publically viewing of gas facilities (Federal Register Vol. 81, No. 120, June 22, 2016).

Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM

Legend

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

Date Printed: Feb 09, 2021

811 Know what's below. Call before you dig.

From: Lilliana Falomir
To: Alan Klein
Subject: RE: Calexico USD Info Request
Date: Tuesday, March 23, 2021 9:17:59 AM

Good Morning Alan,

The City of Calexico water distribution system show's 3 high volume water pipelines (>12-inch diameter) located within 1,500 feet of
the school site.

1. Along the south side of E. Birch St. 12" PVC high volume pipeline
2. Along the east side of Encinas Ave 12" PVC high volume pipeline
3. Along the east side of Andrade Ave 12" PVC high volume pipeline

There are no pressurized sewer pipeles located in the vicinity. If you have any additional questions, please do not hesiate to contact our office at 760/768-2160.

Sincerely,

Lilliana "Lily" Falomir
Public Works Manager – Administrative
City of Calexico
Public Works Department
608 Heber Avenue
Calexico, CA 92231
760/768-2160
760/768-0992Fax
falomirl@calexico.ca.gov

From: Alan Klein [mailto:aklein@PadreInc.com]
Sent: Thursday, March 18, 2021 6:08 PM
To: Lilliana Falomir <falomirl@calexico.ca.gov>
Subject: Calexico USD Info Request

City of Calexico, Public Works,
Please process the attached request for information on behalf of the Calexico Unified School District.
Thanks,

Alan J. Klein, R.E.P.A., C.P.E.S.C., QSD/QSP
Senior Environmental Scientist
Padre Associates, Inc.
350 University Ave, Ste 250, Sacramento, CA
(916) 333-5920 x240 (O)

APPENDIX F

EDR RADIUS MAP REPORT

Calexico High School
1030 Encinas Avenue
Calexico, CA 92231

Inquiry Number: 6362737.2s
February 10, 2021

EDR Summary Radius Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	113
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1030 ENCINAS AVENUE
CALEXICO, CA 92231

COORDINATES

Latitude (North):	32.6774000 - 32˚ 40' 38.64''
Longitude (West):	115.4857000 - 115˚ 29' 8.52''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	641982.2
UTM Y (Meters):	3616347.5
Elevation:	6 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

Target Property:	W
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140805, 20140606
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1030 ENCINAS AVENUE
CALEXICO, CA 92231

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CALEXICO USD CALEXIC	1030 ENCINAS AVE	FINDS, ECHO		TP
A2	CALEXICO HIGH SCHOOL	1030 ENCINAS AVE	FINDS		TP
A3	CALEXICO HIGH	1030 ENCINAS AVE	FTTS, HIST FTTS		TP
A4		1030 ENCIANS AVE	CHMIRS		TP
A5	CALEXICO HIGH SCHOOL	1030 ENCINAS AVE	HWTS		TP
A6	CALEXICO HIGH SCHOOL	1030 ENCINAS AVE	CUPA Listings		TP
A7	1X CALEXICO HIGH SCH	1030 ENICINAS AVE	HAZNET, HWTS		TP
A8	CALEXICO HIGH SCHOOL	1030 ENCINAS AVE	ECHO		TP
A9	CALEXICO USD CALEXIC	1030 ENCINAS AVE	RCRA NonGen / NLR		TP
A10	CALEXICO HIGH SCHOOL	1030 ENCINAS AVE	RCRA NonGen / NLR		TP
A11	IMPERIAL CTY PUBLIC	1030 ENCINAS	HWTS		TP
A12	CALEXICO USD	1030 ENCINAS AVE	HAZNET, CERS, HWTS		TP
A13	CALEXICO USD CALEXIC	1030 ENCINAS AVE	HAZNET, HWTS		TP
A14	1X CALEXICO HIGH SCH	1030 ENCINAS AVE	HAZNET, HWTS		TP
A15	CALEXICO UNIFIED SCH	1030 ENCINAS AVE	HAZNET, HWTS		TP
A16	CALEXICO UNIFIED SCH	1030 ENCINAS AVE	HAZNET, HWTS		TP
17	CALEXICO HS MERCURY	CALEXICO HIGH SCHOOL	SEMS	Lower	835, 0.158, WNW
18	ORALIA MEYER	715 NORTH PRESTON DR	RCRA NonGen / NLR	Lower	1092, 0.207, WNW
19	JACK IN THE BOX #305	1071 E BIRCH ST	CUPA Listings, CERS	Higher	1159, 0.220, NNE
B20	CALEXICO USD/FELIPE	1085 ANDRADE AVE	RCRA NonGen / NLR	Higher	1179, 0.223, NE
B21	CALEXICO UNIFIED SCH	1085 ANDRADE AVE	CERS HAZ WASTE, CERS TANKS, CUPA Listings, CERS	Higher	1179, 0.223, NE
B22	CALEXICO UNIFIED SCH	1085 ANDRADE AVE.	AST	Higher	1179, 0.223, NE
C23	7-ELEVEN INC #36027	1101 ANDRADE AVE	UST	Higher	1252, 0.237, NE
C24	7-ELEVEN #36027	1101 ANDRADE AVE	RCRA NonGen / NLR	Higher	1252, 0.237, NE
C25	7-ELEVEN INC #36027	1101 ANDRADE AVE	CERS HAZ WASTE, CERS TANKS, CUPA Listings, CERS	Higher	1252, 0.237, NE
26	US BORDER PATROL STA	813 ANDRADE AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	1456, 0.276, SE
D27	CM PROPERTY JUNIOR H	PALO VERDE ROAD/MAPL	ENVIROSTOR, SCH	Higher	3498, 0.663, ESE
D28	LAS BRISAS ELEMENTAR	PALO VERDE ROAD/MAPL	ENVIROSTOR, SCH	Higher	3498, 0.663, ESE
29	CESAR CHAVEZ ELEMENT	EAST ZAPATA/BOWKER R	ENVIROSTOR, SCH	Lower	4074, 0.772, NNW
30	COOK'S MARKET	408 3RD	LUST, Cortese, HIST CORTESE, Notify 65	Lower	4206, 0.797, SSW
31	CHEVRON SERVICE STAT	400 IMPERIAL AVE.	SWEEPS UST, Notify 65	Lower	4767, 0.903, SW
E32	PROPOSED 8 ACRE VOCA	CM RANCH	ENVIROSTOR, SCH	Higher	4945, 0.937, ESE
E33	PROPOSED 17-ACRE ELE	CM RANCH	ENVIROSTOR, SCH	Higher	4945, 0.937, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CALEXICO USD CALEXIC 1030 ENCINAS AVE CALEXICO, CA 92231	FINDS Registry ID:: 110070442342 ECHO Registry ID: 110070442342	N/A
CALEXICO HIGH SCHOOL 1030 ENCINAS AVE CALEXICO, CA 92231	FINDS Registry ID:: 110011651961	N/A
CALEXICO HIGH 1030 ENCINAS AVE CALEXICO, CA 92231	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009 HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A
1030 ENCIANS AVE 1030 ENCIANS AVE CALEXICO, CA 92231	CHMIRS OES Incident Number: 15-6831	N/A
CALEXICO HIGH SCHOOL 1030 ENCINAS AVE CALEXICO, CA 92231	HWTS	N/A
CALEXICO HIGH SCHOOL 1030 ENCINAS AVE CALEXICO, CA 92231	CUPA Listings Database: CUPA IMPERIAL, Date of Government Version: 10/14/2020	N/A
1X CALEXICO HIGH SCH 1030 ENICINAS AVE CALEXICO, CA 92231	HAZNET GEPAID: CAC000812640 HWTS	N/A
CALEXICO HIGH SCHOOL 1030 ENCINAS AVE CALEXICO, CA 92231	ECHO Registry ID: 110011651961	N/A
CALEXICO USD CALEXIC 1030 ENCINAS AVE CALEXICO, CA 92231	RCRA NonGen / NLR EPA ID:: CAD981686421	CAD981686421
CALEXICO HIGH SCHOOL 1030 ENCINAS AVE CALEXICO, CA 92231	RCRA NonGen / NLR	CAC003028665

EXECUTIVE SUMMARY

EPA ID:: CAC003028665

IMPERIAL CTY PUBLIC 1030 ENCINAS CALEXICO, CA 92231	HWTS	N/A
CALEXICO USD 1030 ENCINAS AVE CALEXICO, CA 92231	HAZNET GEPAID: CAC002568340 CERS HWTS	N/A
CALEXICO USD CALEXIC 1030 ENCINAS AVE CALEXICO, CA 92231	HAZNET GEPAID: CAD981686421 HWTS	N/A
1X CALEXICO HIGH SCH 1030 ENCINAS AVE CALEXICO, CA 92231	HAZNET GEPAID: CAC000616232 HWTS	N/A
CALEXICO UNIFIED SCH 1030 ENCINAS AVE CALEXICO, CA 92231	HAZNET GEPAID: CAC002636296 HWTS	N/A
CALEXICO UNIFIED SCH 1030 ENCINAS AVE CALEXICO, CA 92231	HAZNET GEPAID: CAC002653257 HWTS	N/A

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: A review of the SEMS list, as provided by EDR, and dated 10/28/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALEXICO HS MERCURY Site ID: 0908678 EPA Id: CAN000908678	CALEXICO HIGH SCHOOL	WNW 1/8 - 1/4 (0.158 mi.)	17	12

State- and tribal - equivalent CERCLIS

ENVIROSTOR: A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CM PROPERTY JUNIOR H Facility Id: 13010011 Status: No Further Action	***PALO VERDE ROAD/MAPL***	***ESE 1/2 - 1 (0.663 mi.)***	***D27***	***14***
LAS BRISAS ELEMENTAR Facility Id: 13010004 Status: No Further Action	***PALO VERDE ROAD/MAPL***	***ESE 1/2 - 1 (0.663 mi.)***	***D28***	***14***
PROPOSED 8 ACRE VOCA Facility Id: 60000269 Status: Inactive - Withdrawn	***CM RANCH***	***ESE 1/2 - 1 (0.937 mi.)***	***E32***	***15***
PROPOSED 17-ACRE ELE Facility Id: 60000268 Status: Inactive - Withdrawn	***CM RANCH***	***ESE 1/2 - 1 (0.937 mi.)***	***E33***	***16***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CESAR CHAVEZ ELEMENT Facility Id: 13010003 Status: No Further Action	***EAST ZAPATA/BOWKER R***	***NNW 1/2 - 1 (0.772 mi.)***	***29***	***14***

State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US BORDER PATROL STA Database: LUST REG 7, Date of Government Version: 02/26/2004 Database: LUST, Date of Government Version: 09/08/2020	***813 ANDRADE AVE***	***SE 1/4 - 1/2 (0.276 mi.)***	***26***	***13***

Status: Completed - Case Closed
Status: 9 - Case Closed
Global Id: T0602500043
Global ID: T0602500043

State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
7-ELEVEN INC #36027	1101 ANDRADE AVE	NE 1/8 - 1/4 (0.237 mi.)	C23	13
Database: UST, Date of Government Version: 09/08/2020				

AST: A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALEXICO UNIFIED SCH	1085 ANDRADE AVE.	NE 1/8 - 1/4 (0.223 mi.)	B22	13
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/19/2020 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALEXICO UNIFIED SCH	***1085 ANDRADE AVE***	***NE 1/8 - 1/4 (0.223 mi.)***	***B21***	***13***
7-ELEVEN INC #36027	***1101 ANDRADE AVE***	***NE 1/8 - 1/4 (0.237 mi.)***	***C25***	***13***

Local Lists of Registered Storage Tanks

CERS TANKS: A review of the CERS TANKS list, as provided by EDR, and dated 10/19/2020 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALEXICO UNIFIED SCH	***1085 ANDRADE AVE***	***NE 1/8 - 1/4 (0.223 mi.)***	***B21***	***13***
7-ELEVEN INC #36027	***1101 ANDRADE AVE***	***NE 1/8 - 1/4 (0.237 mi.)***	***C25***	***13***

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALEXICO USD/FELIPE EPA ID:: CAL000143475	1085 ANDRADE AVE	NE 1/8 - 1/4 (0.223 mi.)	B20	12
7-ELEVEN #36027 EPA ID:: CAL000377160	1101 ANDRADE AVE	NE 1/8 - 1/4 (0.237 mi.)	C24	13

Lower Elevation	Address	Direction / Distance	Map ID	Page
ORALIA MEYER EPA ID:: CAC002999779	715 NORTH PRESTON DR	WNW 1/8 - 1/4 (0.207 mi.)	18	12

Cortese: A review of the Cortese list, as provided by EDR, and dated 06/22/2020 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US BORDER PATROL STA Cleanup Status: COMPLETED - CASE CLOSED	***813 ANDRADE AVE***	***SE 1/4 - 1/2 (0.276 mi.)***	***26***	***13***

CUPA Listings: A review of the CUPA Listings list, as provided by EDR, has revealed that there are 3 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACK IN THE BOX #305 Database: CUPA IMPERIAL, Date of Government Version: 10/14/2020	***1071 E BIRCH ST***	***NNE 1/8 - 1/4 (0.220 mi.)***	***19***	***12***
CALEXICO UNIFIED SCH Database: CUPA IMPERIAL, Date of Government Version: 10/14/2020	***1085 ANDRADE AVE***	***NE 1/8 - 1/4 (0.223 mi.)***	***B21***	***13***
7-ELEVEN INC #36027 Database: CUPA IMPERIAL, Date of Government Version: 10/14/2020	***1101 ANDRADE AVE***	***NE 1/8 - 1/4 (0.237 mi.)***	***C25***	***13***

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US BORDER PATROL STA Reg Id: 7T2231011	***813 ANDRADE AVE***	***SE 1/4 - 1/2 (0.276 mi.)***	***26***	***13***

EXECUTIVE SUMMARY

Notify 65: A review of the Notify 65 list, as provided by EDR, and dated 12/07/2020 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

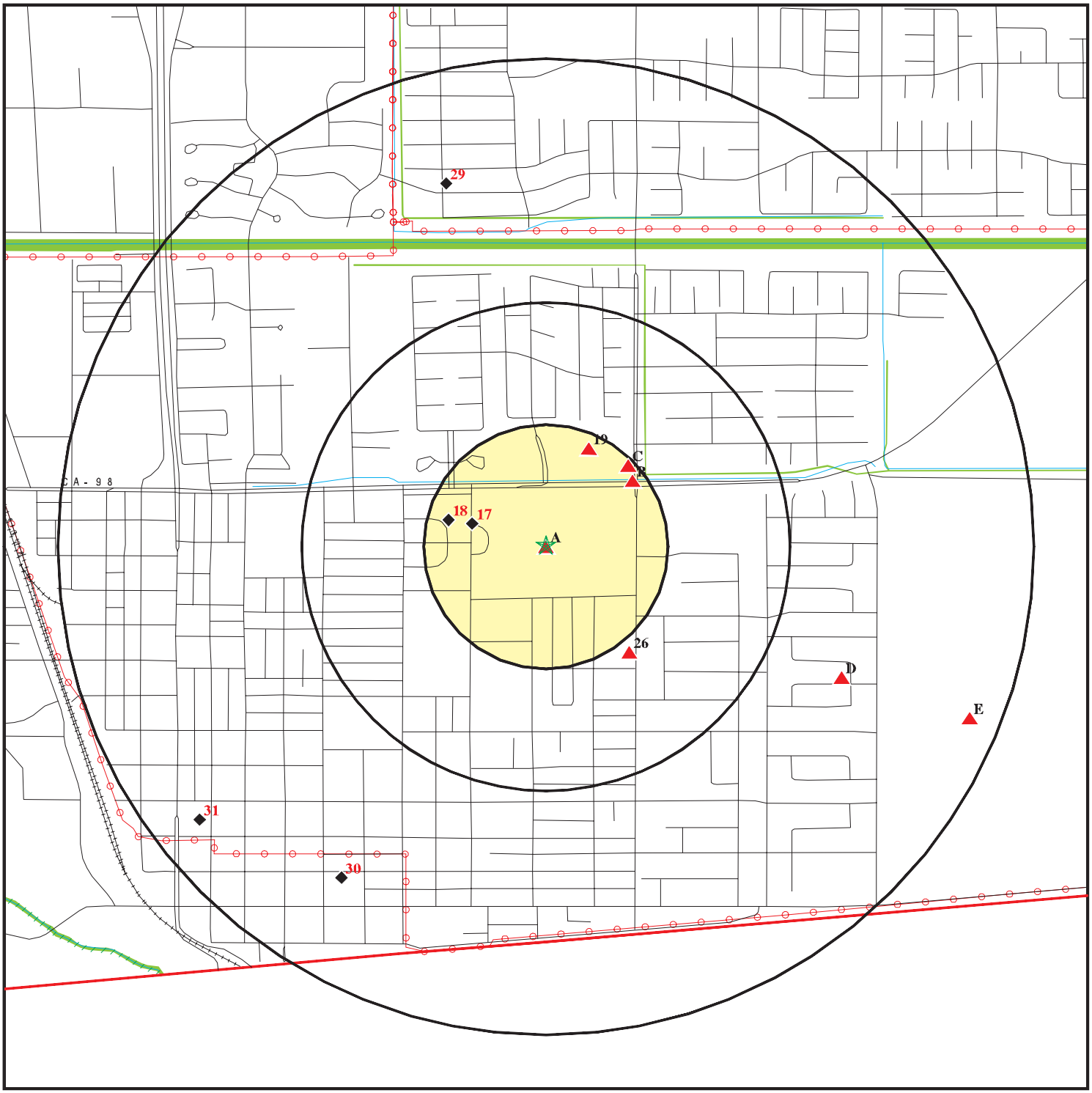
Lower Elevation	Address	Direction / Distance	Map ID	Page
COOK'S MARKET	***408 3RD***	***SSW 1/2 - 1 (0.797 mi.)***	***30***	***15***
CHEVRON SERVICE STAT	***400 IMPERIAL AVE.***	***SW 1/2 - 1 (0.903 mi.)***	***31***	***15***

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CALEXICO	S107527434	U.S. BORDER PATROL CALEXICO STATIO	1150 BIRCH ST	92231	CDL, CUPA Listings
CALEXICO	S126983112	WILSON & HEBER IDS	NEAR INTERSECTION OF 2000 E HE	92231	SWF/LF

OVERVIEW MAP - 6362737.2S



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

0 1/4 1/2 1 Miles

- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

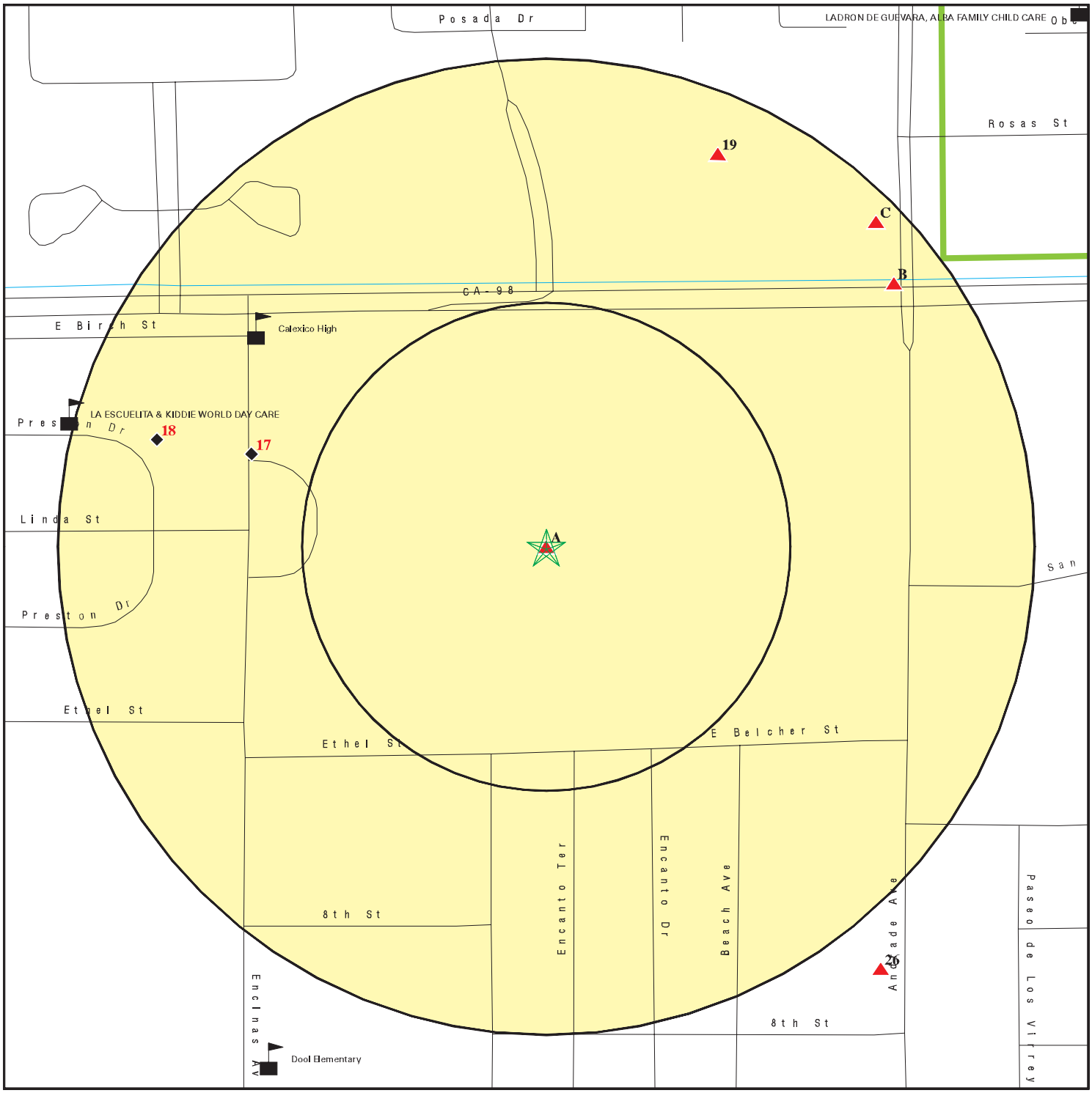
N

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

SITE NAME: Calexico High School	CLIENT: Padre Associates, Inc
ADDRESS: 1030 Encinas Avenue Calexico CA 92231	CONTACT: Alan Klein
LAT/LONG: 32.6774 / 115.4857	INQUIRY #: 6362737.2s
	DATE: February 10, 2021 8:32 am

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 6362737.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME: Calexico High School	CLIENT: Padre Associates, Inc
ADDRESS: 1030 Encinas Avenue Calexico CA 92231	CONTACT: Alan Klein INQUIRY #: 6362737.2s
LAT/LONG: 32.6774 / 115.4857	DATE: February 10, 2021 8:33 am

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	0	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	5	NR	5
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	2	NR	NR	NR	2
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP	1	NR	NR	NR	NR	NR	1
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	2	0	3	NR	NR	NR	5
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP	1	NR	NR	NR	NR	NR	1
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP	1	NR	NR	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
ECHO	TP	2	NR	NR	NR	NR	NR	2
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	1	NR	NR	1
CUPA Listings	0.250	1	0	3	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	6	NR	NR	NR	NR	NR	6
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP	1	NR	NR	NR	NR	NR	1
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
HWTS	TP	8	NR	NR	NR	NR	NR	8
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		25	0	13	3	7	0	48

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A1 **Target** **Property**	**CALEXICO USD CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231**	**FINDS** **ECHO**	**1024653954** **N/A**
Actual: **6 ft.**	**Click here for full text details** **FINDS** Registry ID: 110070442342 **ECHO** Registry ID 110070442342		
A2 **Target** **Property**	**CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231**	**FINDS**	**1016293276** **N/A**
Actual: **6 ft.**	**Click here for full text details** **FINDS** Registry ID: 110011651961		
A3 **Target** **Property**	**CALEXICO HIGH** **1030 ENCINAS AVE** **CALEXICO, CA 92231**	**FTTS** **HIST FTTS**	**1004443144** **N/A**
Actual: **6 ft.**	**Click here for full text details**		
A4 **Target** **Property**	**1030 ENCIANS AVE** **CALEXICO, CA 92231**	**CHMIRS**	**S118465754** **N/A**
Actual: **6 ft.**	**Click here for full text details** **CHMIRS** OES Incident Number 15-6831		
A5 **Target** **Property**	**CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231**	**HWTS**	**S125534555** **N/A**
Actual: **6 ft.**	**Click here for full text details**		

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A6 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details**	**CUPA Listings**	**S107142509** **N/A**
A7 **Target** **Property** **Actual:** **6 ft.**	**1X CALEXICO HIGH SCHOOL** **1030 ENICINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **HAZNET** GEPAID CAC000812640	**HAZNET** **HWTS**	**S123747533** **N/A**
A8 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **ECHO** Registry ID 110011651961	**ECHO**	**1025927621** **N/A**
A9 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO USD CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **RCRA NonGen / NLR** EPA Id CAD981686421	**RCRA NonGen / NLR**	**1024783313** **CAD981686421**
A10 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **RCRA NonGen / NLR** EPA Id CAC003028665	**RCRA NonGen / NLR**	**1025848613** **CAC003028665**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A11 **Target** **Property** **Actual:** **6 ft.**	**IMPERIAL CTY PUBLIC WORKS** **1030 ENCINAS** **CALEXICO, CA 92231** **Click here for full text details**	**HWTS**	**S124756149** **N/A**
A12 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO USD** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **HAZNET** GEPAID CAC002568340	**HAZNET** **CERS** **HWTS**	**S112931707** **N/A**
A13 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO USD CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **HAZNET** GEPAID CAD981686421	**HAZNET** **HWTS**	**S113010288** **N/A**
A14 **Target** **Property** **Actual:** **6 ft.**	**1X CALEXICO HIGH SCHOOL** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **HAZNET** GEPAID CAC000616232	**HAZNET** **HWTS**	**S123738577** **N/A**
A15 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO UNIFIED SCHOOL DISTRICT CALEXICO HIGH SCH** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **HAZNET** GEPAID CAC002636296	**HAZNET** **HWTS**	**S123584161** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A16 **Target** **Property** **Actual:** **6 ft.**	**CALEXICO UNIFIED SCHOOL DISTRICT CALEXICO HIGH SCH** **1030 ENCINAS AVE** **CALEXICO, CA 92231** **Click here for full text details** **HAZNET** GEPAID CAC002653257	**HAZNET** **HWTS**	**S123585406** **N/A**
17 **WNW** **1/8-1/4** **0.158 mi.** **835 ft.** **Relative:** **Lower**	**CALEXICO HS MERCURY** **CALEXICO HIGH SCHOOL** **CALEXICO,, CA 92231** **Click here for full text details** **SEMS** Site ID 0908678 EPA Id CAN000908678	**SEMS**	**1012043059** **CAN000908678**
18 **WNW** **1/8-1/4** **0.207 mi.** **1092 ft.** **Relative:** **Lower**	**ORALIA MEYER** **715 NORTH PRESTON DR** **CALEXICO, CA 92231** **Click here for full text details** **RCRA NonGen / NLR** EPA Id CAC002999779	**RCRA NonGen / NLR**	**1024779823** **CAC002999779**
19 **NNE** **1/8-1/4** **0.220 mi.** **1159 ft.** **Relative:** **Higher**	**JACK IN THE BOX #3052** **1071 E BIRCH ST** **CALEXICO, CA 92231** **Click here for full text details**	**CUPA Listings** **CERS**	**S122492800** **N/A**
B20 **NE** **1/8-1/4** **0.223 mi.** **1179 ft.** **Relative:** **Higher**	**CALEXICO USD/FELIPE VEGA FAC** **1085 ANDRADE AVE** **CALEXICO, CA 92231** **Click here for full text details** **RCRA NonGen / NLR** EPA Id CAL000143475	**RCRA NonGen / NLR**	**1024793875** **CAL000143475**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B21 **NE** **1/8-1/4** **0.223 mi.** **1179 ft.** **Relative:** **Higher**	**CALEXICO UNIFIED SCHOOL DISTRICT** **1085 ANDRADE AVE** **CALEXICO, CA 92231** **Click here for full text details**	**CERS HAZ WASTE** **CERS TANKS** **CUPA Listings** **CERS**	**S109424039** **N/A**
B22 **NE** **1/8-1/4** **0.223 mi.** **1179 ft.** **Relative:** **Higher**	**CALEXICO UNIFIED SCHOOL DISTRICT-MAINTENANCE & OPE** **1085 ANDRADE AVE.** **CALEXICO, CA 92231** **Click here for full text details**	**AST**	**A100323295** **N/A**
C23 **NE** **1/8-1/4** **0.237 mi.** **1252 ft.** **Relative:** **Higher**	**7-ELEVEN INC #36027** **1101 ANDRADE AVE** **CALEXICO, CA 92231** **Click here for full text details**	**UST**	**U004262818** **N/A**
C24 **NE** **1/8-1/4** **0.237 mi.** **1252 ft.** **Relative:** **Higher**	**7-ELEVEN #36027** **1101 ANDRADE AVE** **CALEXICO, CA 92231** **Click here for full text details** **RCRA NonGen / NLR** EPA Id CAL000377160	**RCRA NonGen / NLR**	**1024835306** **CAL000377160**
C25 **NE** **1/8-1/4** **0.237 mi.** **1252 ft.** **Relative:** **Higher**	**7-ELEVEN INC #36027** **1101 ANDRADE AVE** **CALEXICO, CA 92231** **Click here for full text details**	**CERS HAZ WASTE** **CERS TANKS** **CUPA Listings** **CERS**	**S111785883** **N/A**
26 **SE** **1/4-1/2** **0.276 mi.** **1456 ft.** **Relative:** **Higher**	**US BORDER PATROL STATION** **813 ANDRADE AVE** **CALEXICO, CA 92231** **Click here for full text details** **LUST** Status 9 - Case Closed	**LUST** **Cortese** **HIST CORTESE** **CERS**	**S100876611** **N/A**

US BORDER PATROL STATION (Continued) **S100876611**

Status Completed - Case Closed
Global Id T0602500043
Global ID T0602500043

Cortese
Cleanup Status COMPLETED - CASE CLOSED

HIST CORTESE
Reg Id 7T2231011

D27
ESE
1/2-1
0.663 mi.
3498 ft.

Relative:
Higher

CM PROPERTY JUNIOR HIGH SCHOOL
PALO VERDE ROAD/MAPLE STREET
CALEXICO, CA 92231

ENVIROSTOR **S106568072**
SCH **N/A**

Click here for full text details

ENVIROSTOR
Facility Id 13010011
Status No Further Action

SCH
Facility Id 13010011
Status No Further Action

D28
ESE
1/2-1
0.663 mi.
3498 ft.

Relative:
Higher

LAS BRISAS ELEMENTARY
PALO VERDE ROAD/MAPLE STREET
CALEXICO, CA 92231

ENVIROSTOR **S107736595**
SCH **N/A**

Click here for full text details

ENVIROSTOR
Facility Id 13010004
Status No Further Action

SCH
Facility Id 13010004
Status No Further Action

29
NNW
1/2-1
0.772 mi.
4074 ft.

Relative:
Lower

CESAR CHAVEZ ELEMENTARY SCHOOL
EAST ZAPATA/BOWKER ROAD
CALEXICO, CA 92231

ENVIROSTOR **S105628416**
SCH **N/A**

Click here for full text details

ENVIROSTOR
Facility Id 13010003
Status No Further Action

SCH

CESAR CHAVEZ ELEMENTARY SCHOOL (Continued) **S105628416**

Facility Id 13010003
Status No Further Action

---

30 SSW 1/2-1 0.797 mi. 4206 ft.
Relative: Lower

COOK'S MARKET
408 3RD
CALEXICO, CA 92231

LUST **S100179079**
Cortese **N/A**
HIST CORTESE
Notify 65

Click here for full text details

LUST
Status Completed - Case Closed
Global Id T0602500038

Cortese
Cleanup Status COMPLETED - CASE CLOSED

HIST CORTESE
Reg Id 7T2231006

---

31 SW 1/2-1 0.903 mi. 4767 ft.
Relative: Lower

CHEVRON SERVICE STATION
400 IMPERIAL AVE.
CALEXICO, CA 92231

SWEEPS UST **S100177960**
Notify 65 **N/A**

Click here for full text details

SWEEPS UST
Status A
Tank Status A
Comp Number 680

E32 ESE 1/2-1 0.937 mi. 4945 ft.
Relative: Higher

PROPOSED 8 ACRE VOCATIONAL HIGH SCHOOL
CM RANCH
CALEXICO, CA 92231

ENVIROSTOR **S107737067**
SCH **N/A**

Click here for full text details

ENVIROSTOR
Facility Id 60000269
Status Inactive - Withdrawn

SCH
Facility Id 60000269
Status Inactive - Withdrawn

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
E33 ESE 1/2-1 0.937 mi. 4945 ft. Relative: Higher	**PROPOSED 17-ACRE ELEMENTARY SCHOOL #9 CM RANCH CALEXICO, CA 92231** **Click here for full text details** **ENVIROSTOR** Facility Id 60000268 Status Inactive - Withdrawn **SCH** Facility Id 60000268 Status Inactive - Withdrawn	**ENVIROSTOR SCH**	**S107737066 N/A**

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/21/2020	09/22/2020	12/11/2020
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	06/30/2019	05/28/2020	08/12/2020
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	10/19/2020	10/19/2020	01/07/2021
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	10/19/2020	10/19/2020	01/07/2021
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	10/19/2020	10/19/2020	01/07/2021
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	09/30/2020	10/19/2020	01/07/2021
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	08/31/2020	08/31/2020	11/20/2020
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	06/22/2020	06/22/2020	09/04/2020
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	08/31/2020	08/31/2020	11/20/2020
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	08/25/2020	08/26/2020	11/13/2020
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	11/17/2020	11/18/2020	02/04/2021
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/06/2020	08/28/2020	11/17/2020
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2018	06/16/2020	08/28/2020
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	10/16/2020	10/19/2020	01/07/2021
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	10/13/2020	10/14/2020	01/04/2021
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/12/2020	11/13/2020	01/29/2021
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/23/2020	11/23/2020	02/08/2021
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/13/2020	11/13/2020	02/01/2021
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	10/05/2020	10/06/2020	12/23/2020
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	10/13/2020	10/14/2020	11/03/2020
CA	ICE	ICE	Department of Toxic Subsances Control	11/13/2020	11/13/2020	02/01/2021
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	09/08/2020	09/08/2020	11/30/2020
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	08/26/2020	08/28/2020	11/17/2020
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	MINES	Mines Site Location Listing	Department of Conservation	09/08/2020	09/08/2020	11/30/2020
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	08/31/2020	08/31/2020	11/20/2020
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	12/07/2020	12/09/2020	12/10/2020
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/09/2020	11/10/2020	01/27/2021
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	08/31/2020	08/31/2020	11/20/2020
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	09/08/2020	09/08/2020	12/01/2020
CA	PROC	Certified Processors Database	Department of Conservation	09/08/2020	09/08/2020	12/01/2020
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	11/05/2020	11/06/2020	01/26/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/09/2020	11/10/2020	01/14/2021
CA	SWRCY	Recycler Database	Department of Conservation	09/08/2020	09/08/2020	11/30/2020
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	09/08/2020	09/08/2020	12/01/2020
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	09/08/2020	09/08/2020	11/30/2020
CA	UST	Active UST Facilities	SWRCB	09/08/2020	09/08/2020	11/30/2020
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	09/03/2020	09/08/2020	12/03/2020
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	05/20/2020	05/20/2020	08/06/2020
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	11/19/2019	01/07/2020	03/09/2020
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/08/2020	09/08/2020	12/01/2020
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/16/2020	09/17/2020	12/10/2020
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2020	10/08/2020	01/04/2021
US	CORRACTS	Corrective Action Report	EPA	12/14/2020	12/17/2020	12/22/2020
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	11/03/2020	11/17/2020	02/09/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	12/30/2020	01/14/2021	02/09/2021
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	10/03/2020	10/06/2020	01/04/2021
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/14/2020	12/15/2020	12/22/2020
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	04/03/2019	04/05/2019	05/14/2019
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	07/21/2020	09/03/2020	11/25/2020
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2020	12/01/2020	01/25/2021
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	09/29/2020	11/17/2020	01/25/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/13/2020	11/13/2020	01/25/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/20/2020	09/22/2020	12/14/2020
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/29/2020	05/20/2020	08/12/2020
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/15/2020	05/20/2020	08/12/2020
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/08/2020	05/20/2020	08/12/2020
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/29/2020	05/20/2020	08/12/2020
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/03/2020	05/20/2020	08/12/2020
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/13/2020
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/08/2020	05/20/2020	08/12/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	12/30/2020	01/14/2021	02/09/2021
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	10/28/2020	11/05/2020	11/25/2020
US	LUCIS	Land Use Control Information System	Department of the Navy	11/11/2020	11/17/2020	02/09/2021
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	11/24/2020	11/30/2020	01/25/2021
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/05/2020	08/10/2020	10/08/2020
US	NPL	National Priority List	EPA	12/30/2020	01/14/2021	02/09/2021
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	10/09/2019	10/11/2019	12/20/2019
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PCS INACTIVE	Listing of Inactive PCS Permits	EPA	11/05/2014	01/06/2015	05/06/2015
US	PRP	Potentially Responsible Parties	EPA	04/27/2020	05/06/2020	06/09/2020
US	Proposed NPL	Proposed National Priority List Sites	EPA	12/30/2020	01/14/2021	02/09/2021
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2020	11/12/2020	01/25/2021
US	ROD	Records Of Decision	EPA	10/28/2020	11/05/2020	11/25/2020
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	10/28/2020	11/05/2020	11/25/2020
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	10/28/2020	11/05/2020	11/25/2020
US	SSTS	Section 7 Tracking Systems	EPA	10/19/2020	10/19/2020	01/04/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/14/2020	09/15/2020	12/10/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/21/2020	09/22/2020	12/14/2020
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/03/2020	11/23/2020	01/25/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2018	07/02/2020	09/17/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	08/10/2020	10/20/2020	11/02/2020
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	04/29/2020	07/10/2020
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2018	10/02/2019	12/10/2019
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
CA	State Wetlands	Wetland Inventory	Department of Fish and Wildlife			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CALEXICO HIGH SCHOOL
1030 ENCINAS AVENUE
CALEXICO, CA 92231

TARGET PROPERTY COORDINATES

Latitude (North):	32.6774 - 32° 40' 38.64''
Longitude (West):	115.4857 - 115° 29' 8.52''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	641982.2
UTM Y (Meters):	3616347.5
Elevation:	6 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5623020 CALEXICO, CA
Version Date:	2012
West Map:	5622974 HEBER, CA
Version Date:	2012

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

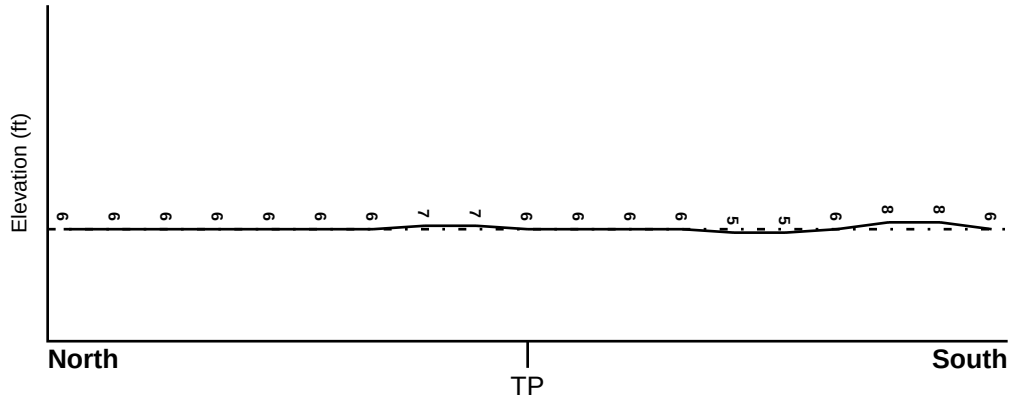
TOPOGRAPHIC INFORMATION

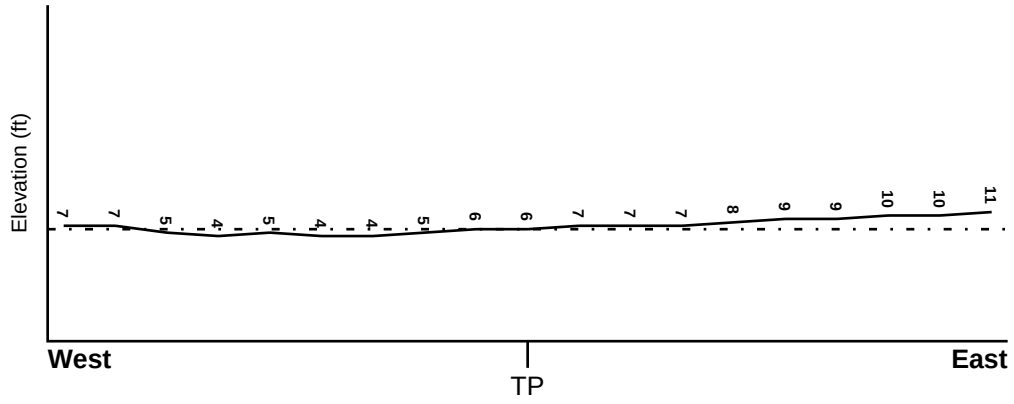
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

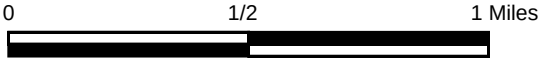
General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 6 ft.



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

Flood Plain Panel at Target Property	FEMA Source Type
06025C2100C	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06025C2067C	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
CALEXICO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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

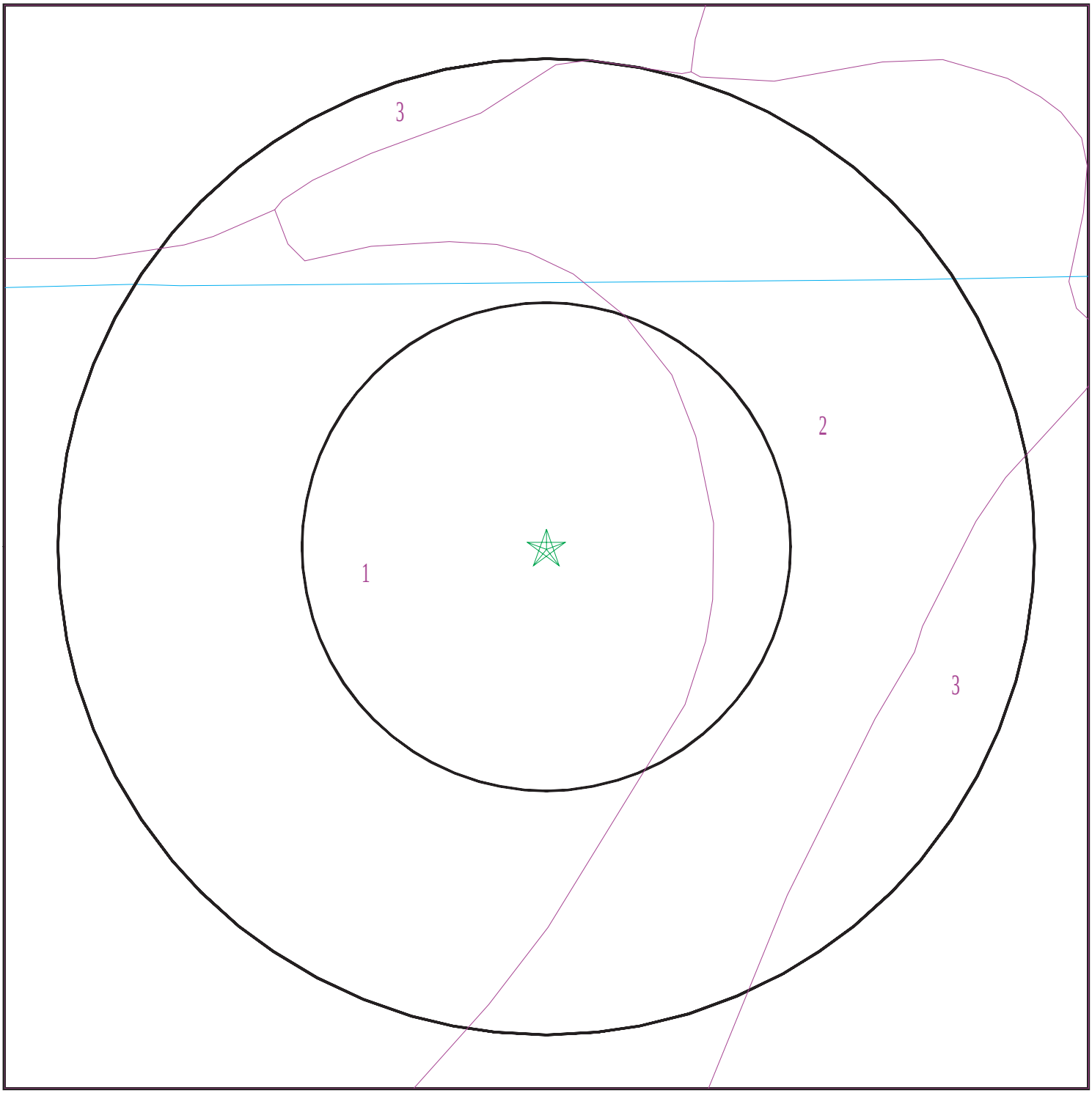
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 6362737.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Calexico High School	CLIENT:	Padre Associates, Inc
ADDRESS:	1030 Encinas Avenue Calexico CA 92231	CONTACT:	Alan Klein
		INQUIRY #:	6362737.2s
LAT/LONG:	32.6774 / 115.4857	DATE:	February 10, 2021 8:34 am

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Imperial

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 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: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	59 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: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: Meloland

Soil Surface Texture: very fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4
2	11 inches	25 inches	stratified loamy fine sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4
3	25 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Imperial

Soil Surface Texture: silty clay

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay	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: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	59 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: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B69	CA1300570	1/2 - 1 Mile West

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

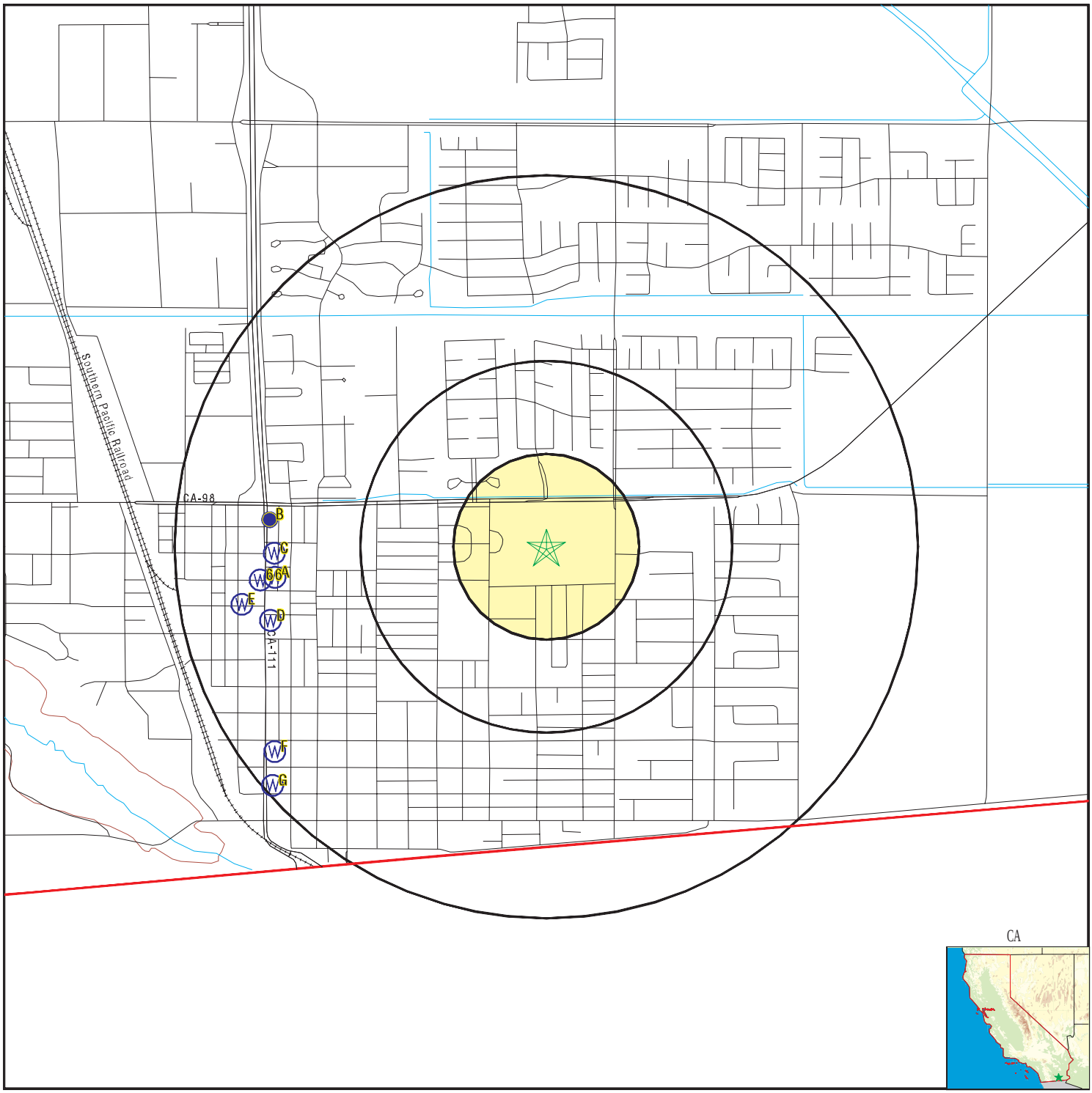
STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000091265	1/2 - 1 Mile West
B2	CAEDF0000080954	1/2 - 1 Mile West
C3	CAEDF0000084900	1/2 - 1 Mile West
C4	CAEDF0000100952	1/2 - 1 Mile West
C5	CAEDF0000100721	1/2 - 1 Mile West
C6	CAEDF0000098083	1/2 - 1 Mile West
B7	CAEDF0000011493	1/2 - 1 Mile West
A8	CAEDF0000101365	1/2 - 1 Mile West
B9	CAEDF0000046263	1/2 - 1 Mile West
A10	CAEDF0000098402	1/2 - 1 Mile West
B11	CAEDF0000142315	1/2 - 1 Mile West
A12	CAEDF0000043633	1/2 - 1 Mile West
B13	CAEDF0000012781	1/2 - 1 Mile West
C14	CAEDF0000135790	1/2 - 1 Mile West
C15	CAEDF0000049082	1/2 - 1 Mile West
C16	CAEDF0000128857	1/2 - 1 Mile West
B17	CAEDF0000021645	1/2 - 1 Mile West
C18	CAEDF0000123751	1/2 - 1 Mile West
B19	CAEDF0000084812	1/2 - 1 Mile West
A20	CAEDF0000014810	1/2 - 1 Mile West
B21	CAEDF0000051081	1/2 - 1 Mile West
A22	CAEDF0000012857	1/2 - 1 Mile West
B23	CAEDF0000136283	1/2 - 1 Mile West
C24	CAEDF0000082938	1/2 - 1 Mile West
C25	CAEDF0000093840	1/2 - 1 Mile West
C26	CAEDF0000058347	1/2 - 1 Mile West
C27	CAEDF0000043724	1/2 - 1 Mile West
C28	CAEDF0000021761	1/2 - 1 Mile West
A29	CAEDF0000059508	1/2 - 1 Mile West
C30	CAEDF0000047501	1/2 - 1 Mile West
C31	CAEDF0000044040	1/2 - 1 Mile West
C32	CAEDF0000081949	1/2 - 1 Mile West
B33	CAEDF0000067247	1/2 - 1 Mile West
C34	CAEDF0000048770	1/2 - 1 Mile West
B35	CAEDF0000012726	1/2 - 1 Mile West
A36	CAEDF0000125022	1/2 - 1 Mile West
B37	CAEDF0000132509	1/2 - 1 Mile West
D38	CAEDF0000098442	1/2 - 1 Mile WSW
D39	CAEDF0000041425	1/2 - 1 Mile WSW
A40	CAEDF0000084600	1/2 - 1 Mile West
B41	CAEDF0000115224	1/2 - 1 Mile West
A42	CAEDF0000015655	1/2 - 1 Mile West
B43	CAEDF0000103199	1/2 - 1 Mile West
A44	CAEDF0000076896	1/2 - 1 Mile West
B45	CAEDF0000129631	1/2 - 1 Mile West
B46	CAEDF0000132545	1/2 - 1 Mile West
A47	CAEDF0000061237	1/2 - 1 Mile West
A48	CAEDF0000084744	1/2 - 1 Mile West
D49	CAEDF0000132419	1/2 - 1 Mile WSW
B50	CAEDF0000065702	1/2 - 1 Mile West
A51	CAEDF0000135340	1/2 - 1 Mile West
D52	CAEDF0000035552	1/2 - 1 Mile WSW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D53	CAEDF0000122077	1/2 - 1 Mile WSW
D54	CAEDF0000038746	1/2 - 1 Mile WSW
D55	CAEDF0000089137	1/2 - 1 Mile WSW
D56	CAEDF0000069314	1/2 - 1 Mile WSW
D57	CAEDF0000137498	1/2 - 1 Mile WSW
D58	CAEDF0000038125	1/2 - 1 Mile WSW
D59	CAEDF0000089474	1/2 - 1 Mile WSW
D60	CAEDF0000055499	1/2 - 1 Mile WSW
B61	CAEDF0000124573	1/2 - 1 Mile West
D62	CAEDF0000067433	1/2 - 1 Mile WSW
D63	CAEDF0000081603	1/2 - 1 Mile WSW
D64	CAEDF0000054685	1/2 - 1 Mile WSW
D65	CAEDF0000035640	1/2 - 1 Mile West
66	CAEDF0000095939	1/2 - 1 Mile West
B67	CAEDF0000007636	1/2 - 1 Mile West
B68	CAEDF0000054928	1/2 - 1 Mile West
D70	CAEDF0000127733	1/2 - 1 Mile WSW
D71	CAEDF0000040840	1/2 - 1 Mile WSW
D72	CAEDF0000048800	1/2 - 1 Mile WSW
B73	CAEDF0000108578	1/2 - 1 Mile West
B74	CAEDF0000017503	1/2 - 1 Mile West
B75	CAEDF0000049298	1/2 - 1 Mile West
D76	CAEDF0000055570	1/2 - 1 Mile WSW
D77	CAEDF0000104779	1/2 - 1 Mile West
D78	CAEDF0000035047	1/2 - 1 Mile WSW
E79	CAEDF0000048839	1/2 - 1 Mile West
E80	CAEDF0000075777	1/2 - 1 Mile West
F81	CAEDF0000014676	1/2 - 1 Mile SW
F82	CAEDF0000105685	1/2 - 1 Mile SW
F83	CAEDF0000017404	1/2 - 1 Mile SW
F84	CAEDF0000067368	1/2 - 1 Mile SW
F85	CAEDF0000046023	1/2 - 1 Mile SW
F86	CAEDF0000128657	1/2 - 1 Mile SW
F87	CAEDF0000054187	1/2 - 1 Mile SW
F88	CAEDF0000012577	1/2 - 1 Mile SW
F89	CAEDF0000055108	1/2 - 1 Mile SW
F90	CAEDF0000013722	1/2 - 1 Mile SW
F91	CAEDF0000019683	1/2 - 1 Mile SW
F92	CAEDF0000003947	1/2 - 1 Mile SW
F93	CAEDF0000006976	1/2 - 1 Mile SW
F94	CAEDF0000057024	1/2 - 1 Mile SW
F95	CAEDF0000098793	1/2 - 1 Mile SW
G96	CAEDF0000086341	1/2 - 1 Mile SW
G97	CAEDF0000010321	1/2 - 1 Mile SW
G98	CAEDF0000129292	1/2 - 1 Mile SW
G99	CAEDF0000061839	1/2 - 1 Mile SW
G100	CAEDF0000031429	1/2 - 1 Mile SW
G101	CAEDF0000128042	1/2 - 1 Mile SW
G102	CAEDF0000052224	1/2 - 1 Mile SW
G103	CAEDF0000134716	1/2 - 1 Mile SW
G104	CAEDF0000087495	1/2 - 1 Mile SW
G105	CAEDF0000077122	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 6362737.2s



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

0 1/4 1/2 1 Miles

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

N

SITE NAME: Calexico High School	CLIENT: Padre Associates, Inc
ADDRESS: 1030 Encinas Avenue	CONTACT: Alan Klein
Calexico CA 92231	INQUIRY #: 6362737.2s
LAT/LONG: 32.6774 / 115.4857	DATE: February 10, 2021 8:34 am

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000091265**
B2 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000080954**
C3 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000084900**
C4 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000100952**
C5 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000100721**
C6 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000098083**
B7 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000011493**
A8 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000101365**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B9 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000046263**
A10 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000098402**
B11 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000142315**
A12 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000043633**
B13 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000012781**
C14 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000135790**
C15 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000049082**
C16 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000128857**
B17 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000021645**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
C18 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000123751**
B19 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000084812**
A20 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000014810**
B21 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000051081**
A22 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000012857**
B23 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000136283**
C24 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000082938**
C25 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000093840**
C26 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000058347**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
C27 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000043724**
C28 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000021761**
A29 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000059508**
C30 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000047501**
C31 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000044040**
C32 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000081949**
B33 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000067247**
C34 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000048770**
B35 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000012726**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A36 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000125022**
B37 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000132509**
D38 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000098442**
D39 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000041425**
A40 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000084600**
B41 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000115224**
A42 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000015655**
B43 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000103199**
A44 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000076896**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B45 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000129631**
B46 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000132545**
A47 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000061237**
A48 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000084744**
D49 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000132419**
B50 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000065702**
A51 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000135340**
D52 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000035552**
D53 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000122077**

Map ID Direction Distance Elevation		Database	EDR ID Number
D54 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000038746**
D55 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000089137**
D56 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000069314**
D57 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000137498**
D58 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000038125**
D59 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000089474**
D60 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000055499**
B61 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000124573**
D62 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000067433**

Map ID Direction Distance Elevation		Database	EDR ID Number
D63 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000081603**
D64 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000054685**
D65 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000035640**
66 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000095939**
B67 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000007636**
B68 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000054928**
B69 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FRDS PWS**	**CA1300570**
D70 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000127733**
D71 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000040840**

Map ID Direction Distance Elevation		Database	EDR ID Number
D72 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000048800**
B73 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000108578**
B74 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000017503**
B75 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000049298**
D76 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000055570**
D77 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000104779**
D78 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000035047**
E79 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000048839**
E80 **West** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000075777**

Map ID Direction Distance Elevation		Database	EDR ID Number
F81 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000014676**
F82 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000105685**
F83 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000017404**
F84 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000067368**
F85 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000046023**
F86 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000128657**
F87 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000054187**
F88 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000012577**
F89 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000055108**

Map ID Direction Distance Elevation		Database	EDR ID Number
F90 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000013722**
F91 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000019683**
F92 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000003947**
F93 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000006976**
F94 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000057024**
F95 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000098793**
G96 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000086341**
G97 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000010321**
G98 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000129292**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
G99 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000061839**
G100 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000031429**
G101 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000128042**
G102 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000052224**
G103 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000134716**
G104 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000087495**
G105 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000077122**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92231	2	0

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

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
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.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX G

QUALIFICATIONS OF ENVIRONMENTAL ASSESSOR(S)

Resume

Alan J. Klein, R.E.P.A., C.P.E.S.C., QSD/QSP

Senior Environmental Scientist

EDUCATION:

B.A. Environmental Studies, California State University, Sonoma, 1985.
Professional Certificate, Hazardous Materials Management, University of California, Santa Barbara, 1992.

QUALIFICATIONS:

Registered Environmental Property Assessor (R.E.P.A.) – National Registry of Environmental Professionals (N.R.E.P.).
Certified Professional in Erosion and Sediment Control (C.P.E.S.C.) – EnviroCert, International, Inc.
California Qualified SWPPP Developer (QSD) and SWPPP Practitioner (QSP).
Certified Environmental Manager, Nevada
Registered Environmental Assessor II, California (2000-2012)
California Division of Occupational Safety and Health (DOSH), 40-Hour Health and Safety Training, and DOSH, Supervisor's Training
DOSH, Annual Health and Safety Training Refresher Course
American Red Cross, Standard First Aid Certificate
American Red Cross, CPR/AED –Adult Certificate

EXPERIENCE:

Mr. Klein has over 28 years of professional experience performing Phase I environmental site assessments (ESAs); soil and groundwater assessments (Phase II ESAs and PEAs); soil and groundwater remediation projects (RAs); risk assessments; National Pollutant Discharge Elimination System (NPDES) permitting; and the preparation and implementations of Storm Water Pollution Prevention Plans (SWPPPs). His responsibilities include specification of project scope, regulatory agency negotiation and compliance, proposal and contract preparation, field investigation, documentation, and reporting.

Mr. Klein has completed a wide range of environmental projects including the following:

- ***California Public Schools*** – Performed over 100 Phase I Environmental Assessments (ESAs); Preliminary Endangerment Assessments (PEAs); Removal Actions (RA) and Geological and Environmental Hazards Evaluations for new and expanding school sites as required by California Code of Regulations, Title 5; Assembly Bill 2644 and AB 972. Services include assessment for pesticides from agricultural activities; soil gas surveys; naturally occurring asbestos (NOA); lead in soil from lead based-paint (LBP) and polychlorinated biphenyls (PCBs) from electrical transformers. All work is required and performed under the oversight of the Department of Toxic Substances Control (DTSC) and the California Department of Education (CDE).

- ***Bioremediation of PCBs, Milpitas Unified School District, New TK-6 School Site, Milpitas, CA (2016).*** Project Manager for the completion of a a Preliminary Environmental Assessment (PEA) for an approximately 11-acre new school site and joint-use park with the City of Milpitas. The PEA identified the presence of polychlorinated biphenyls (PCBs) in shallow surface soil associated with undocumented imported fill material. In-situ bioremediation was the selected remedial action for approximately 16,400 cubic-yards of PCBs impacted soil at the Project Site. In-situ bioremediation consisted of using a proprietary gene-expression factor product and the addition of soil amendments (nitrogen and organic material) to enhance and elevate indigenous bacterial colonies to degrade residual PCBs in soil at the site. The PCBs impacted soil was disked and watered weekly over a four-month period. Confirmation soil sampling conducted at the completion of the project indicated that the in-situ bioremediation program successfully reached the Department of Toxic Substances Control (DTSCs) established cleanup goals for use as an elementary school site.

- ***Operating Engineers Local No.3 Training Center, Sacramento County, California.*** Project Manager for the preparation of a stormwater pollution prevention plan (SWPPP) for the Operating Engineers Local No.3 (OE3) Training Center located at Pilliken Ranch, in Wilton, Sacramento County, California (Project Site). The OE3 facility comprises approximately 1,500 - acres of land that was being used for cattle grazing. Historically, the Project Site was dredged for gold in the 1930s through the early 1940s. Aggregate mining of the dredge tailings is reported to have occurred in the late 1980s and continued on and off until the early 2000s. OE3 currently uses the Project Site for field training with heavy construction equipment. Project grading is conducted within four mining areas permitted by the Sacramento County Use Permit 97-UPB-0157. Padre acting as the Qualified SWPPP Developer (QSD) prepared the SWPPP, which was updated in 2018 and is designed to comply with California's General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities, issued by the State Water Resources Control Board. The General Permit requires routine weekly inspections of BMPs, along with inspections before, during, and after qualifying rain events.

- ***Former Caesars Tahoe Hotel and Casino, Stateline, Nevada.*** Acted as the Certified Environmental Manager (CEM) for a groundwater assessment and remediation project, which was regulated under the Nevada Department Environmental Protection (NDEP). Groundwater beneath the site was contaminated by leaking underground storage tanks (USTs) containing as gasoline. The chemical oxidation process referred to as Fenton's Reagent was the selected remediation technology. Fenton's Reagent occurs when iron salts or iron oxides (Fe^{2+}/Fe^{3+}) are in the

presence of hydrogen peroxide (H_2O_2) to generate highly reactive hydroxyl radicals (OH^-). The hydroxyl radicals oxidize organic compounds. The oxidation of petroleum hydrocarbon compounds results in the bi-products of carbon dioxide and water. Liquid inoculants and catalysts were applied to groundwater wells, by lowering an injection lance to the depth of the screened intervals in each well, sealing the top of wells, and injecting the product under pressure. Groundwater quality data was also collected after the completion of chemical injection pilot and compared to previously collected baseline groundwater data. Injection activities were performed in accordance with the requirements of a temporary U.I.C. Permit issued by the NDEP- Bureau of Water Pollution Control. Following the completion of the pilot test the laboratory analyses indicated TPH concentrations were reduced an average of 40%, and benzene concentrations were reduced an average of 50% in groundwater monitoring wells.

- ***North Valley Plaza Associates, Soil/Groundwater Assessment and Remediation, Chico, California.*** Project Manager for the assessment and remediation of PCE and its breakdown products discharged to the subsurface by a former dry cleaning facility in Chico, CA. The Department of Toxic Substance Control identified the presence of chlorinated hydrocarbons in a nearby municipal drinking water supply well. Developed RI/FS workplan, Quality Assurance Project Plan (QAPP) and Public Participation Plan (PPP). Performed extensive subsurface investigation to define the lateral and vertical extent of chlorinated hydrocarbons in soil and groundwater. The subsurface investigation included conducting a soil vapor survey, sewer line survey, soil sampling, depth-discrete groundwater sampling; and installation of multiple groundwater monitoring wells in both shallow and deep groundwater zones. Design, installation, and operation of a soil vapor extraction system.
- ***Natural Gas Field, Phase I & II Environmental Site Assessment, Orland, California.*** Project Manager for an environmental assessment of a 6,000 acre cattle ranch, to document environmental conditions regarding the production of natural gas by several individual gas companies. Identified numerous environmental concerns associated with the operating practices of these companies. Environmental concerns included: unauthorized releases of waste oil and production water to the subsurface, noxious odors emitted from the operation of glycol dehydrator, user permit violations, and deserted wells. Provided oversight of investigation and remediation of contaminated soil from leaking gas compressors and wastewater holding tanks.

PROFESSIONAL AFFILIATIONS:

Association of Environmental & Engineering Geologists
California Storm Water Quality Association
International Erosion Control Association

Resume

Alan Churchill

Project Geologist

EDUCATION: B.S. Geology, University of California, Davis, March 1996
Minor Degree in Hydrologic Science

QUALIFICATIONS:
Professional Geologist, California
California Division of Occupational Safety and Health (DOSH), 40-Hour Health and Safety Training
DOSH, Supervisor's Training
DOSH, Annual Health and Safety Training Refresher Course
CPR/AED, Standard First Aid

EXPERIENCE: Mr. Churchill has 20 years of professional experience performing soil, groundwater, and soil gas investigation/remediation projects, underground storage tanks (USTs) removal projects, well abandonments, and soil/groundwater modeling (environmental fate transport). His responsibilities include specification of project scope, regulatory agency negotiation and compliance, proposal and workplan preparation, field investigation, documentation, risk assessments, and reporting.

Mr. Churchill has completed a wide range of projects including the following:

- ***California Public Schools*** **–** Performed over 40 Phase I Environmental Assessments and Preliminary Endangerment Assessments (PEAs) for new school sites as required by California Code of Regulations, Title 5; Assembly Bill 2644 and AB 972. Clients include: Alisal Union School District, Burton Unified School District, Farmersville Unified School District, Golden Valley Unified School District, Fremont Unified School District, Grant Union High School District, Hanford Elementary School District, Hughson Unified School District, Kings County Office of Education, Liberty Union High School District, Natomas Unified School District, Oakdale Joint Unified School District, Rio Linda Union School District, Riverbank Unified School District, Santa Rita Union School District, Vacaville Unified School District, Ventura Unified School District, Western Placer Unified School District, and Visalia Unified School District. Work involves preparation of Phase I ESAs, negotiations with the Department of Toxic Substances Control (DTSC), completion of PEAs, SSIs, Removal Actions, and Operation and Maintenance Plans (O&Ms).

- ***UST Removal Program, Various Sites, California***. Conducted investigation of leaking underground tank site for various retail gasoline facilities. Responsibilities included direction of contractor's excavation and sampling of soil borings to determine the limits of contamination and excavation, and installation/abandonment of numerous groundwater monitoring wells to evaluate groundwater quality. Activities required preparation and submittal of local permits, review of local and state data, i.e. location of groundwater wells, and preparation of site closure reports. Environmental assessment included RBCA Tier 2 evaluation for impacts to human health and the one-dimensional finite difference VLEACH vadose zone modeling for potential impacts from soil to groundwater.
- **Stanislaus County Office of Education, Removal Action, Ceres, CA –** Padre successfully completed the removal of approximately 1,500 cubic yards of soil impacted with pesticides and arsenic from former agricultural use for a proposed school site. Padre prepared the removal action workplan (RAW), which included an excavation plan, dust control plan, stormwater management plan, and site restoration plan. Additionally, Padre directed and oversaw the removal contractor during excavation and off haul activities. The results of the removal action were documented in the removal action.
- **Altamont Landfill Resource and Recovery Facility, Alameda County, CA.** – Conducted Phase I environmental site assessment (ESA) of approximately 972 acres of land located northeast of the City of Livermore, Alameda County, California. The Project Site surrounds and borders the active Altamont Landfill Resource and Recovery Facility (ALRRF). As part of the mitigation for biological impacts associated with construction of the proposed Fill Area 2 at the ALRRF, WMAC is providing the Project Site in a conservation easement that will be held by the California Department of Fish and Game. Prior to acceptance of the conservation easement by DFG, a Phase I ESA was required. The objective of the ESA was to determine whether current or previous land use at or adjacent to the Project Site may have involved, or resulted in the use, storage, disposal, treatment, and/or release of hazardous substances to the environment. The ESA was completed consistent with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (E-1527-05).

- ***Kemwater North America, Contra Costa County, California***. Conducted a site investigation at chlor-alkali plant in Antioch, California. Complexities of project included characterizing an aquifer consisting of four separate hydrogeologic zones, determining specific sources of contamination at a 40-acre industrial site, and developing cost effective remediation strategies for metals, ammonia and VOC's. Sampling included hollow stem auger, hydropunch and cone penetrometer drilling techniques. Other studies included a groundwater pumping test to design a groundwater extraction system and evaluating the influence of the adjacent tidal estuary on the operation of the extraction system, and pilot scale leaching studies to evaluate the need for remediation.
- ***West Yost Associates/City of Tracy, San Joaquin County, California.*** Field geologist for drilling, installation, and development of 850-foot Aquifer Storage & Recovery (ASR) Well. Duties included maintaining a detailed drilling time log, drilling fluid log, and drill cuttings log during advancement of pilot hole utilizing the reverse rotary drilling technique. Oversaw advancement of ream hole and well construction activities ensuring proper installation of well screens and casing, gravel pack, and sanitary seal. Oversaw well development activities utilizing swabbing/airlift and pumping while monitoring discharge water for compliance with a NPDES permit issued by the Regional Water Quality Control Board. Additionally, coordinated with City for disposal of drilling fluids and cuttings and oversaw that drilling crew maintained clean working area.

PROFESSIONAL AFFILIATIONS: Association of Environmental and Engineering Geologists