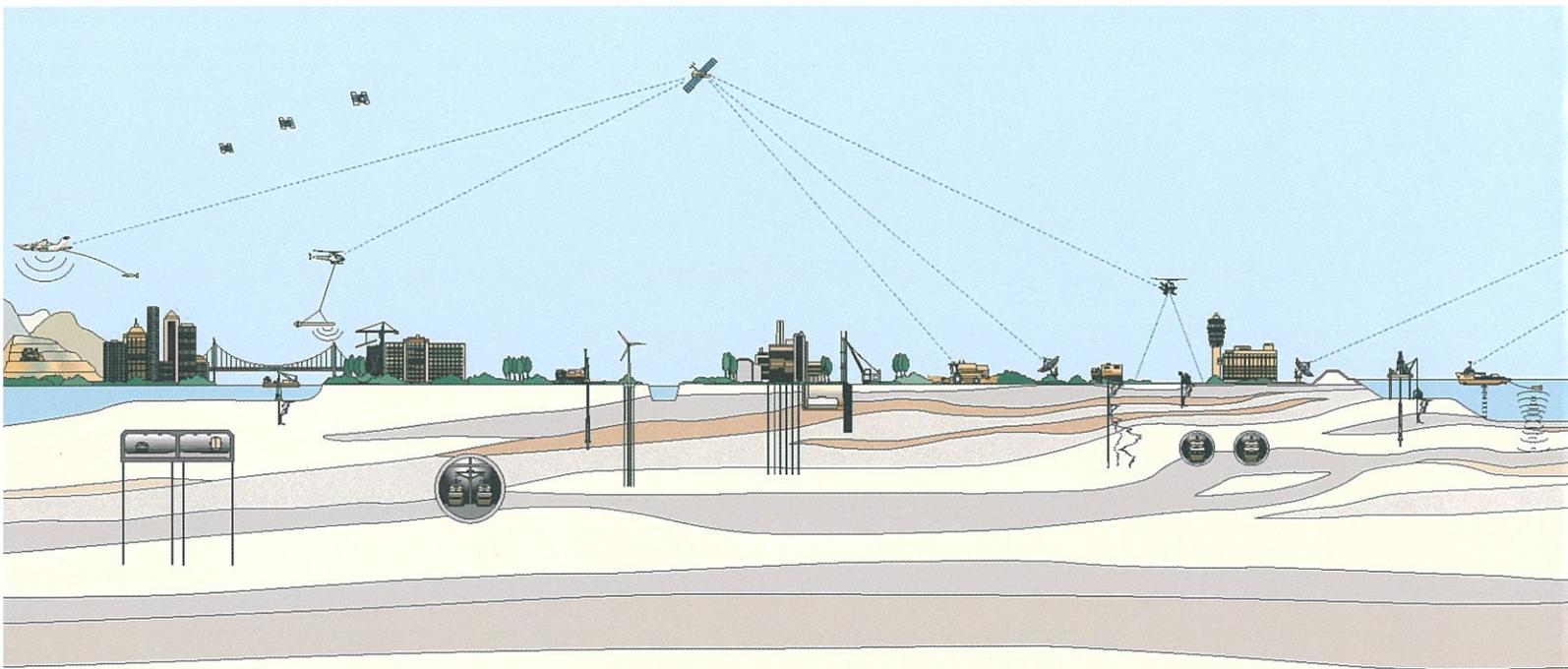


**PHASE I  
ENVIRONMENTAL SITE ASSESSMENT  
2855 WEST WHITESBRIDGE ROAD  
FRESNO, CALIFORNIA**

Prepared for:  
California Department of General Services

March 2015  
Fugro Project No. 04.72120008.27





**FUGRO CONSULTANTS, INC.**

March 16, 2015  
Project No. 04.72120008.27

2420 Del Paso Road, Suite 250  
Sacramento, California 95834  
Tel: (916) 773-2600  
Fax: (916) 782-4846

State of California Department of General Services  
Real Estate Division  
707 West Third Street  
West Sacramento, California 95605

Attention: Mr. George Carollo Senior Real Estate Officer  
Mr. Daniel O'Brien, Chief Environmental Services,

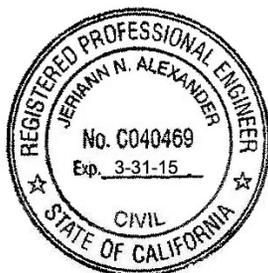
Subject: Phase I Environmental Site Assessment Report, 2855 West Whitesbridge Road,  
Fresno, California

Dear Mr. Carollo and Mr. O'Brien:

Fugro Consultants, Inc. (Fugro) is pleased to present this Phase I Environmental Site Assessment (ESA) Report for the property located at 2855 West Whitesbridge Road, in Fresno, California. Findings, opinions, conclusions and recommendations provided herein are based upon applicable standards of our profession at the time this report was prepared. If you should have any questions or require additional information on this ESA, please call the undersigned at (916) 773-2600.

Sincerely,

FUGRO CONSULTANTS, INC.



James Helge, Environmental Professional  
Senior Environmental Scientist

Jeriann Alexander, P.E., R.E.P.A.  
Principal Engineer

PM:JRH:JNA/jrh

Copies Submitted: (2 + 1 CD) Addressee  
(1 PDF)



## CONTENTS

	Page
EXECUTIVE SUMMARY .....	1
1.0 INTRODUCTION.....	4
1.1 Purpose and Scope of Use .....	4
1.2 Scope of Work.....	5
1.3 Reason for Providing Phase I ESA .....	6
1.4 Deviations and Data Gaps .....	6
2.0 SITE RECONNAISSANCE .....	7
2.1 SITE Description Current Land Uses of The Site.....	7
2.1.1 Storage Tanks .....	8
2.1.2 Hazardous Materials or Waste .....	8
2.1.3 Solid Waste .....	8
2.1.4 Stains/Corrosion .....	8
2.1.5 Stressed Vegetation .....	8
2.1.6 Heating and Cooling System .....	8
2.1.7 Pits, Ponds, and Lagoons.....	8
2.1.8 Floor Drains, Sumps and Wastewater Treatment .....	8
2.1.9 Polychlorinated Biphenyl .....	9
2.1.10 Wells.....	9
2.1.11 Utilities .....	9
2.2 Current Uses of Adjoining Properties .....	9
3.0 ENVIRONMENTAL SETTING.....	10
3.1 Topography .....	10
3.2 General Geologic Setting .....	10
3.3 Subsurface Conditions .....	10
3.4 Surface Water .....	10
4.0 USER/OWNER PROVIDED INFORMATION .....	11
4.1 Title Report.....	11
4.2 Environmental Liens or Activity Use Limitations.....	11
4.3 Specialized Knowledge .....	11
4.4 Commonly Known or Reasonably Ascertainable Information .....	12
4.5 Valuation Reduction for Environmental Issues.....	12
4.6 Owner, Property Manager, and Occupant Information.....	12
5.0 SITE HISTORY .....	13
5.1 Historical Summary .....	13
5.2 Interviews with Property Owner Representatives.....	14
5.3 Previous Environmental Reports.....	14
6.0 AGENCY RECORDS .....	15
6.1 Environmental Case and Records Review.....	15



6.1.1	Site .....	16
6.1.2	Offsite Properties.....	16
6.2	Regulatory Agency contacts.....	18
7.0	OTHER CONSIDERATIONS .....	19
7.1	Asbestos Containing Material (ACM) .....	19
7.2	Lead based Paint (LBP) .....	19
7.3	Mold .....	<b>Error! Bookmark not defined.</b>
7.4	Radon .....	20
8.0	FINDINGS .....	21
8.1	Site Reconnaissance Findings .....	21
8.2	Site History Findings .....	21
8.3	Regulatory Agency Findings .....	22
9.0	CONCLUSIONS.....	23
10.0	LIMITATIONS.....	23
11.0	REFERENCES.....	25
12.0	QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS.....	26

## PLATES

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

## APPENDICES

APPENDIX A	SITE PHOTOGRAPHS
APPENDIX B	PERTINENT DOCUMENTS
APPENDIX C	EDR ENVIRONMENTAL LIEN AND AUL SEARCH REPORT
APPENDIX D	HISTORICAL SOURCES
APPENDIX E	EDR DATABASE REPORT
APPENDIX F	RESUMES OF ENVIRONMENTAL PROFESSIONALS



## EXECUTIVE SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by Fugro Consultants, Inc. (Fugro) for a property located at 2855 West Whitesbridge Road in Fresno, California (Site). The Site is further identified as Fresno County Assessor's Parcel Number (APN) 464-020-01T.

On behalf of the California Department of General Services (DGS), Fugro completed this ESA in accordance with our proposal dated October 13, 2014, as authorized on January 13, 2015. To conduct this ESA, Fugro generally followed the scope and limitations of ASTM Standards E1527-13, Standard Practice for Environmental Site Assessments. Any significant exceptions or deviations from these standards are described in Section 1.4 of this report.

### Site Reconnaissance Finding

The Site consists of a 2.03-acre rectangular-shaped piece of land with the physical address of 2855 West Whitesbridge Road in Fresno, California. A total of five (5) structures were observed at the Site during the reconnaissance in January 2015. These structures include one (1) approximately 2,695 square foot office structure, one (1) approximately 19,350 square foot chapel and classroom/office building, one (1) approximately 1,240 square foot building used to house a heating system, and two (2) approximately 7,650 square foot dormitory buildings. The buildings single story structures with concrete slabs-on-grade. The exteriors are comprised of masonry block and stucco. Interior finishes include vinyl tile and carpet, gypsum board and paneled walls, and acoustic ceiling tile. During the Site reconnaissance, the buildings were unoccupied and showed signs of vandalism. The remaining portions of the Site were observed to be asphalt and concrete-paved walkways and parking areas. There are landscaped areas located along the northern and eastern perimeter of the Site, and adjacent to most of the buildings. The planters contain grass, shrubs, and trees, and the vegetation appeared healthy. No stained soil was observed in the landscaped areas of the Site. A pile of domestic trash was observed dumped in the parking area.

One (1) approximately 6,000 square-foot, 4 feet deep, retention basin was observed in the southern portion of the Site; the basin was dry. Fugro did not observe any distressed vegetation in the basin nor any observed stains or debris.

Fugro also conducted a visual observation of adjoining or neighboring properties. West Whitesbridge Road borders the northern edge of the Site, beyond which is a property occupied by the Fresno Tractor business. An orchard is observed south and east of the Site. South Marks Avenue borders the western edge of the Site, beyond which is a vineyard.

No evidence of recognized environmental conditions (REC) was observed on the Site or adjoining properties during the site reconnaissance.

### Site History Finding

According to a review of available historical documentation, the Site was primarily undeveloped or in agricultural use from at least 1942 to the mid 1960's. The office structure and chapel/classroom structure appear to have been constructed sometime between the late 1960's and 1972, with the remaining portions of the Site remaining vacant until at least the late 1980's. The two (2) dormitory buildings, heating system building, and retention basin are reported to have

been constructed in the early 1990's. City directories show that the Site was occupied by the Bethesda Apostolic Church from at least 1980 to 1996 and Fresno First Mental Health System from 1996 until 2008. Title records suggest that the State of California (State) has owned the property since 1996. In 1998 the parcel was quit claimed from the State Office of Statewide Planning and Development to the Department of Corrections. The Family Foundation Program, a precursor to the Department of Corrections and Rehabilitation's Female Offender Program and Services Mission occupied portions of the Site from the early 2000s until the Site buildings were vacated in 2012.

Based on the relatively low risk from these identified uses, former operations at the Site are not currently considered an environmental concern. Therefore, no RECs were identified as part of Fugro's historical research.

Fugro also conducted a historical research of adjoining or neighboring properties. The north adjoining property, currently occupied by Fresno Tractor, has been in commercial use since between the late 1960s and 1972. Other surrounding property has been undeveloped or in agricultural use since 1942.

No RECs were identified in historical research.

#### **Regulatory Agency Findings Finding**

The Site address of 2855 West Whitesbridge Road appears on the Facility and Manifest (HAZNET) database within the Environmental Data Resources (EDR) Database Report. According to the HAZNET database, approximately 250 tons of asbestos containing materials and 0.02 tons of pharmaceutical wastes were removed from the Site between 2000 and 2009, and disposed of at a landfill. No documentation of violations associated with removal or disposal of these materials was found during this assessment. The permitted disposal of this regulated waste does not represent a REC.

West Side Used Tires (116 S. Marks Avenue) is reported by the EDR as a Certified Unified Program Agency (CUPA) waste tire facility. This property is mapped by EDR as being located approximately 35 feet south of the Site. Fugro's review of historical documentation revealed that adjacent property to the south and southwest of the Site has historically been vacant property and/or agriculturally developed. Property to the southeast has historically been rural residential development. No documentation regarding spills, releases or violations associated with 116 S. Marks Avenue were described in the EDR report. Because there are no reported spills releases, incidents or violations associated with the address of 116 S. Marks Avenue, and because historical documentation indicates that adjacent property to the south and south/west has historically been vacant property and/or agriculturally developed, this facility does not represent a REC.

The north adjoining property, located north of West Whitesbridge Road, is listed as Byron Pump/Fresno Tractor and appears on the multiple data bases. This facility has an address of 2730 West Whitesbridge Road, and appears on the Historical UST (Hist UST), Historical Facility Index Database UST (FID UST), Statewide Environmental Evaluation Program UST (SWEEPS UST), Emissions Inventory Data (EMI), and the CUPA. Because the former Underground Storage Tank (UST) has received regulatory closure, and because there are currently no reported

releases, spills, incidents or violations associated with activities at 2730 W. Whitesbridge Road, this property does not represent a REC.

West Side Auto Dismantlers is listed in the EDR report as being located at 2640 West Whitesbridge Road, approximately 854 feet east/northeast of the Site. According to information obtained from the EDR report, the California Department of Toxic Substance Control (DTSC) and FCEHD, this facility appears on the RCRA-SQG and CUPA databases due to its previous status as a “small quantities” hazardous materials storage and/or generation facility. The FCEHD also noted that the facility is no longer in operation, and has been closed since January of 2007. The DTSC issued a “No Further Action Status” for the facility in a letter dated June 19, 2009. This facility does not represent a REC to the Site because facility is over 800 feet from the Site, impacts at the facility are reported to have been limited primarily to surface soils, and DTSC case closure.

Fugro’s review of EDR’s Orphan Property listing revealed two (2) listings for Caltrans at the intersection of Marks Avenue and Highway 180 (approximately 800 feet north of the Site). However a review of available documentation from the FCEHD, SWRCB, DTSC, and the “Geotracker” and “Envirostor” databases did not reveal any information regarding either listing. It should be noted that Caltrans is reported to have operated a storage area in the northern portion of the off-Site “Fresno Tractor/ Byron Pump Division” facility during the construction of the Highway 180 extension in the early 2000’s. However, no additional documentation regarding operations at this facility was identified during Fugro’s assessment. Due to the relative distance of these reported listings (approximately 800 feet north) and that they are reported to have been located hydrologically cross-gradient to the Site, this facility does not currently represent a REC.

## **Conclusions**

Fugro has performed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 for the on-site property located at 2855 West Whitesbridge Road. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no RECs, CRECs, HRECs or vapor intrusion concerns at the Site. However, the following items were identified as part of this assessment:

- According to information obtained from the EDR report and DTSC, an approximate total of 250 tons of asbestos-containing building materials (ACM) were removed from on-Site buildings between 2000 and 2008. Removal and disposal of these materials was documented by the DTSC. However, no additional reports or documents regarding removal were encountered during the preparation of this report. Based on our experience, partial removal of ACM was a common occurrence during renovation projects. No documentation of a lead-based paints survey was found during this assessment. Based on the reported date of construction of the on-Site structures (late 1960’s to early 1990’s), and because locations of removed materials could not be identified, should renovations or demolition of the structure be contemplated, Fugro recommends that a complete hazardous materials survey and assessment be conducted by trained personnel. At a minimum the survey should assess the structures and roofing materials for the possible presence of ACM, lead based paints, PCB and mercury containing devices, etc.
- The property is located within a 500-year flood plain.



## 1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by Fugro Consultants, Inc. (Fugro) for a 2.35 acre property identified as Family Foundations Fresno, located at 2855 West Whitesbridge Road in Fresno, California (Site). The Site is further identified as Fresno County Assessor's Parcel Number (APN) 464-020-01T. The general location and configuration of the Site are presented on Plates 1 and 2, respectively.

On behalf of the California Department of General Services (DGS), Fugro completed this ESA in accordance with our proposal dated October 13, 2014, as authorized on January 13, 2015. To conduct this ESA, Fugro generally followed the scope and limitations of ASTM Standards E1527-13, Standard Practice for Environmental Site Assessments. Any significant exceptions or deviations from these standards are described in Section 1.4 of this report.

### 1.1 PURPOSE AND SCOPE OF USE

The purpose of the Phase I ESA is to identify potential and recognized environmental concerns associated with the past and/or present use, generation, storage, or disposal of hazardous materials and/or wastes at the Site, and at nearby properties judged to have a potential to affect the Site. This ESA was conducted in general conformance with the scope and limitations set forth in Standard ASTM E1527-13, Standard Practice for Environmental Site Assessments. The ASTM Standard defines good commercial and customary practice in the United States for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum hydrocarbons. As such, ASTM E1527-13 is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute "all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC [section] 9601(35)(B).

The goal of the ASTM E1527-13 practice is to identify recognized environmental conditions.

The term recognized environmental condition (REC) means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a 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 a future release to the environment. De minimis conditions are not recognized environmental conditions.

The term historical recognized environmental condition (HREC) is 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, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

The term controlled recognized environmental condition (CREC) is a REC 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 evidenced 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 (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

The Environmental Protection Agency (EPA) published their final “All Appropriate Inquiry” (AAI) ruling in November 2005, with an effective date of November 2006. The EPA ruling indicates that parties attempting to satisfy the 2006 statutory requirements for conducting AAI may follow ASTM E1527 Standard Practice. On December 30, 2013, the EPA approved ASTM Standard E1527-13 as sufficient to satisfy All Appropriate Inquiry (“AAI”) for potential liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (“CERCLA”). 78 Fed. Reg. 79,319. The EPA’s December 30, 2013 final rule amends 40 CFR Part 312 to reference the new E1527-13 standard and clarify that individuals performing AAI in a manner consistent with the new standard may be provided with some liability protections under CERCLA.

## 1.2 SCOPE OF WORK

The Environmental Professionals charged with coordinating and completing the Phase I ESA include Mr. James Helge and Mrs. Jeriann Alexander, both of which have extensive experience performing similar Phase I ESAs in the State of California. Mr. Philip Marquez, and Mr. Bill Mitchell assisted in preparing this document. These professionals are also experienced environmental professionals. The scope of services for this Phase I ESA included the tasks outlined below:

- Conducting a reconnaissance of the Site and surrounding properties to visually check for indications of land use, and storage and use of hazardous substances/material and chemicals, petroleum products, and other controlled/permitted substances;

Reviewing information provided by the DGS;

Reviewing historical documents, aerial photographs, and topographic maps to construct a general history of the Site development;

Reviewing a regulatory agency database report prepared by Environmental Data Resources, Inc. (EDR) that lists properties with documented hazardous materials storage/releases in the area;

Reviewing recorded environmental liens and deeds identified by EDR;

Contacting other pertinent offices, departments, and information sources as necessary to complete our understanding of Site use; and

Preparing this report to document the research and the findings of this ESA.

In addition to ASTM E1527-13, Fugro used ASTM E2600 *Guide for Vapor Encroachment Screening on Property involved in Real Estate Transactions* to evaluate if a vapor intrusion condition (VIC) is present. This evaluation was conducted to evaluate if the Site or nearby property uses may have impacted soil vapor at the Site.



### **1.3 REASON FOR PROVIDING PHASE I ESA**

Fugro understands that the DGS is interested in selling this property as surplus and requires the Phase I ESA to provide to perspective purchasers.

### **1.4 DEVIATIONS AND DATA GAPS**

During the course of this investigation, the following deviations or data gaps were encountered:

- Visibility was limited within the dormitory buildings due to poor lighting.
- Historical sources were not available back to 1940 or earlier or at 5-year intervals. The earliest source available was 1942.

It is our opinion that these limitations have not affected our ability to render conclusions on this assessment and they are not considered significant. No other exceptions, deviations, and/or limitations from ASTM E1527-13 and the scope of work were encountered.

## 2.0 SITE RECONNAISSANCE

On January 28, 2015, Mr. William Mitchell, Senior Geologist of Fugro conducted a Site reconnaissance. During the visit Fugro was accompanied by Mr. Philip Marquez of Moore Twining Associates, Inc. Fugro's site reconnaissance included:

- Observing the Site and the surrounding vicinity to check for land usage and indications of chemical usage.

Fugro was accompanied by Mr. Greg Stinson and Mr. Mark Elliot (State of California Department of Corrections and Rehabilitation). Information obtained and observations made during the visit are summarized below. Ground level photographs are included in Appendix A.

### 2.1 SITE DESCRIPTION CURRENT LAND USES OF THE SITE

The Site consists of a 2.03-acre rectangular-shaped piece of land with the physical address of 2855 W. Whitesbridge Road in Fresno, California. The Site is located in an area characterized primarily by agricultural development and light commercial/industrial development. The Site and adjacent properties were historically developed for rural residential, agricultural use and light industrial and commercial development.

The Site is located on the southeastern corner of the intersection of West Whitesbridge Road and South Marks Avenue. A total of five (5) structures were observed at the Site during the reconnaissance in January 2015. These structures include one (1) approximately 2,695 square foot office structure, one (1) approximately 19,350 square foot chapel and classroom/office building, one (1) approximately 1,240 square foot building used to house a heating system, and two (2) approximately 7,650 square foot dormitory buildings. The buildings single story structures with concrete slabs-on-grade. The exteriors are comprised of masonry block and stucco. Interior finishes include vinyl tile and carpet, gypsum board and paneled walls, and acoustic ceiling tile. During the Site reconnaissance, the buildings were unoccupied and showed signs of vandalism. The remaining portions of the Site were observed to be asphalt and concrete-paved walkways and parking areas. There are landscaped areas located along the northern and eastern perimeter of the Site, and adjacent to most of the buildings. The planters contain grass, shrubs, and trees, and the vegetation appeared healthy. No stained soil was observed in the landscaped areas of the Site. A pile of domestic trash was observed dumped in the parking area.

One (1) approximately 6,000 square-foot, 4 feet deep, retention basin was observed in the southern portion of the Site; the basin was dry. Fugro did not observe any distressed vegetation in the basin nor any observed stains or debris.

No evidence of underground storage tanks (USTs), sumps, pits, or dry wells were observed at the Site. No evidence of hazardous materials and/or petroleum products storage was observed either. Some surface staining was observed on the asphalt-paved surfaces; However, this staining appears to be associated with the parking of vehicles and would likely be a *de minimis* condition under ASTM guidelines.

No recognized environmental conditions (REC) were observed on the Site on the day of the Site reconnaissance.

### **2.1.1 Storage Tanks**

No evidence of tanks, fills or vent pipes, or ground or pavement disturbances that would suggest the presence or past presence of an above ground or underground storage tank was observed during the Site reconnaissance.

### **2.1.2 Hazardous Materials or Waste**

No hazardous materials or wastes were observed at the Site on the day of the Site reconnaissance.

### **2.1.3 Solid Waste**

Evidence of dumping was observed with several piles of miscellaneous debris within the on-Site structures and in the asphalt-paved parking area. The dumped waste appears to be household garbage and empty paint containers. No evidence of staining, leakage or odors was noted within the area of the piles.

### **2.1.4 Stains/Corrosion**

Light surface staining was observed within the asphalt-paved parking areas. This staining is believed to be associated with the former parking of vehicles and in our opinion would be considered a *de minimis* condition under ASTM Guidelines.

### **2.1.5 Stressed Vegetation**

No stressed vegetation was observed during the Site reconnaissance.

### **2.1.6 Heating and Cooling System**

Several, electrically powered, roof-top HVAC units were observed on the day of the Site reconnaissance. The units appear to have been vandalized. No obvious evidence of staining was observed on or around the units.

An approximately 1,240 square foot utility structure, believed to house the heating unit, was observed near the eastern portion of the Site. The door to this building could not be opened on the day of the Site reconnaissance. However, the interior of the room was visible through a grate in the door. One (1) natural gas powered heating unit was observed in the central portion of the room. No obvious evidence of staining, leakage or odors was noted on or around the unit or floor.

### **2.1.7 Pits, Ponds, and Lagoons**

One (1) retention basin, approximately 6,000 square feet in size and 4 feet deep, was observed in the southern portion of the Site. The basin was dry during the Site reconnaissance. No evidence of staining, leakage, stressed vegetation or odors was noted within the retention basin.

### **2.1.8 Floor Drains, Sumps and Wastewater Treatment**

Several floor drains were observed in the restroom and kitchen areas. These floor drains are reported to be connected to the City of Fresno sewer system. No evidence of pouring, draining or leakage of hazardous materials and/or petroleum products was observed within or around the drains.



Several storm drains were observed within the asphalt-paved parking lot. One storm drain catch basin was missing its surface grate. The storm drains are reported to be connected to the City of Fresno storm drain system. No evidence of pouring, dumping or spillage of hazardous materials and/or petroleum products was observed in the area of the drains.

### 2.1.9 Polychlorinated Biphenyls

One (1) pad-mounted transformer, owned and operated by Pacific Gas and electric (PG&E), was observed along the western edge of the Site. This transformer was not labeled in regard to polychlorinated biphenyls (PCB) content. Historically, PCB were used in hydraulic fluids, because on their cooling properties. PCBs were banned in United States in 1979. The transformer appeared to be in good condition on the day of the Site reconnaissance. No evidence of staining, leakage or odors was observed around the transformer. However, the presence of PCB should be checked with PG&E.

### 2.1.10 Wells

No evidence to suggest the existence of, or past existence of, wells was observed on the Site.

### 2.1.11 Utilities

Sewer and water service at the Site is provided by the City of Fresno. Electrical services appear to be supplied by PG&E.

## 2.2 CURRENT USES OF ADJOINING PROPERTIES

Fugro conducted a visual inspection of neighboring properties from public streets and from along the boundaries of the Site. Fugro's observations are summarized below:

Direction	Occupant/Address	Description	Comments
North	West Whitesbridge Road and light commercial/industrial development	South Whitesbridge Road borders the Site to the north, beyond which is Fresno Tractor/Byron Jackson Pump Division (2730 W. Whitesbridge Road).	This facility appears to contain fleet sales and repair facilities.
East	Agriculturally developed property	A newly planted orchard and vacant property	No environmental concerns observed
South	Agriculturally developed property	A newly planted orchard and vacant property	No environmental concerns observed
West	South Marks Avenue and agricultural development	South Marks Avenue borders the western edge of the Site, beyond which is a vineyard.	No environmental concerns observed

### **3.0 ENVIRONMENTAL SETTING**

#### **3.1 TOPOGRAPHY**

Topography across the Site is relatively flat to gently sloping toward the southwest. Ground surface elevations, based on the USGS Topographic Map for Fresno South, California, 1963 revised 1987, indicated that the Site elevation is about 276 feet above sea level.

According to information presented in the EDR report and Federal Emergency Management Agency (FEMA) Flood data, the property is located within a 500 year flood plain.

#### **3.2 GENERAL GEOLOGIC SETTING**

The Site is located within the northern portion of the San Joaquin Valley. The San Joaquin Valley is part of the Great Valley Geomorphic Province, a topographic and structural basin bound to the east by the Sierra Nevada and to the west by the Coast Range. The Sierra Nevada, a fault block dipping gently to the southwest, is composed of igneous and metamorphic rocks of pre-Tertiary age which comprise the basement complex beneath the valley (Norris & Webb, dated 1976).

#### **3.3 SUBSURFACE CONDITIONS**

According to information obtained from the Natural Resources Conservation Service (NRCS) online soil survey (<http://websoilsurvey.nrcs.usda.gov>) and the EDR report, shallow soil at the Site includes Greenfield sandy loam. This soil is typically found on alluvial fans derived from mixed rock sources, and is well drained with a moderate water storage capacity.

According to groundwater information obtained from the California Department of Water Resources (CDWR) groundwater was 75 feet below grade surface (bgs) and direction of groundwater flow was reported to be to the northeast in the "San Joaquin Valley Lines of Equal Elevation Groundwater Map, Spring 2003."

#### **3.4 SURFACE WATER**

No surface waters were observed at the Site on the day of our reconnaissance. However, one (1) dry retention basin was noted in the southern portion of the Site.

According to the topographic map (Fresno South), no other surface water features (ponds, streams, lakes) are located within a 1,000 foot radius of the Site.



#### **4.0 USER/OWNER PROVIDED INFORMATION**

A copy of Fugro's "Property Owner Questionnaire" was submitted to the client as part of this assessment. The questionnaire was filled out by Mr. Mark Elliott (California Department of Corrections and Rehabilitation) and returned to Fugro for inclusion into this report. A summary of provided information is presented below. Copies of the questionnaires are included in Appendix B Pertinent Documents.

According to Mr. Elliot ,the Site has been vacant since 2012, but was occupied by the "Family Foundation Program" (FFP) between the early 1990's and 2012. Mr. Elliot was unaware of any environmental cleanup liens or activity and/or land use limitations being associated with the Site. He also had no knowledge of any spills or other chemical releases that have taken place at the Site. Mr. Elliot was unaware of any current or previously existing aboveground or underground storage tanks being associated with the Site. Mr. Elliot also had no knowledge of any obvious indicators that point to the presence or likely presence of contamination at the Site. To the best of Mr. Elliot's knowledge, there is no pending litigation relevant to hazardous substances or petroleum products at the Site. Nor was he aware of any administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Site.

#### **4.1 TITLE REPORT**

A preliminary title report was located on the website for the California Department of General Services (<http://www.dgs.ca.gov>) and was reviewed as part of this assessment. The preliminary title report shows the property as APN 464-002-01 with a size of 2.03 acres. A summary of other relevant information is presented below. A copy of the document is provided in Appendix C.

- An easement of right of way, in favor of the City of Fresno, for construction, reconstruction, enlargement, operation and repair of sanitary sewer line, including manholes, as set forth in a document recorded in Book 4666, Page 158 of Official Records.
- An easement, in favor of the City of Fresno, for public street and rights incidental thereto as set forth in a document recorded January 7, 1965 in Book 5116, Page 608, of official Records.
- A notice of substandard condition, executed by the City of Fresno, wherein said property was inspected and found to be substandard, recorded on December 27, 2012, as Instrument Number 2012-0187269 of Official records.
- A notice of substandard condition, executed by the City of Fresno, wherein said property was inspected and found to be substandard, recorded on July 3, 2013, as Instrument Number 2013-0094350 of Official records.

#### **4.2 ENVIRONMENTAL LIENS OR ACTIVITY USE LIMITATIONS**

No environmental liens or AUL were identified as part of preparation of this assessment. A copy of an Environmental Lien and AUL Search report is presented in Appendix C.

#### **4.3 SPECIALIZED KNOWLEDGE**

No specialized knowledge was provided to Fugro as part of this investigation.



#### **4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

According to Mr. Greg Stinson (California Department of Corrections and Rehabilitation), the Site has been owned by the State of California since the early 2000's and was occupied by the "Family Foundation Program" from that time until 2012, when the program and Site were vacated. . No environmental facts regarding the Site were available in web searches conducted by Fugro.

#### **4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

Fugro was not made aware of any valuation reduction due to environmental issues at the Site.

#### **4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION**

Based on information provided to Fugro by the DGS, and review of the Environmental Lien and AUL Search results, the Site is currently owned by the State of California, Department of Corrections and Rehabilitation. No additional property ownership records were provided to Fugro for review. The Site buildings are currently unoccupied and the Site is vacant.



## 5.0 SITE HISTORY

The following sections summarize Fugro’s review of historical records for the Site. The ASTM standard requires that at a minimum two sources be researched. Historical information past Site use was obtained from a variety of sources. To compile this history, Fugro utilized historical topographic maps, historical aerial photographs, historical City Directories, historical building permit information, as well as interviews. Historical Sources are provided in Appendix D.

### 5.1 HISTORICAL SUMMARY

According to a review of available historical documentation, the Site was primarily undeveloped or in agricultural use from at least 1942 to the mid 1960’s. The office structure and chapel/classroom structure appear to have been constructed sometime between the late 1960’s and 1972, with the remaining portions of the Site remaining vacant until at least the late 1980’s. The two (2) dormitory buildings, heating system building and retention basin are reported to have been constructed in the early 1990’s. City directories show that the Site was occupied by the Bethesda Apostolic Church from at least 1980 to 1996 and Fresno First Mental Health System from 1996 until 2008. Title records suggest that the State of California (State) has owned the property since 1996. In 1998 the parcel was quit claimed from the State Office of Statewide Planning and Development to the Department of Corrections The Family Foundation Program, a precursor to the Department of Corrections and Rehabilitation’s Female Offender Program and Services Mission occupied portions of the Site from the early 2000s until the Site buildings were vacated in 2012. Based on the relatively low risk from these activities, former operations at the Site are not considered a REC.

Surrounding properties were undeveloped or in agricultural use since at least 1942. The north adjoining property, currently owned by Fresno Tractor, was commercially developed between the late 1960s and 1972. No RECs were identified during historical research.

The table below details the findings of our review of historical sources.

Year	Source	Site Description	Adjoining Description
1942-1963	Aerial Photographs and Topographic Maps	Vacant property and/or agricultural development, including row crop and fallow field.	North: W. Whitesbridge Road, beyond which is vacant property and rural residential development. East: Vacant property and rural residential development. South: row crop and dry crop agriculture. West: S. Marks Avenue, beyond which has been row crop and vineyards.
1972-1987	Aerial photographs, Topographic Maps and City Directories	Office building, chapel/classroom building and associated asphalt-paved parking, used by the Bethesda Apostolic Church, observed in the northern portion of the Site. Vacant property is noted in the southern portion.	North: W. Whitesbridge Road, beyond which is vacant property and a large commercial structure. East: Vacant property and rural residential development. South: Fallow field and dry crop agriculture. West: S. Marks Avenue, beyond which is vineyard.



Year	Source	Site Description	Adjoining Description
1996-2012	Aerial photographs, Topographic Maps and City Directories	The dormitory buildings, heating system structure and retention basin are observed to have been constructed in the southern portion of the Site. The remaining portions of the site appear as they did in the 1987 aerial photograph.	North: W. Whitesbridge Road, beyond which is an asphalt-paved parking area and building believed to be associated with Fresno Tractor. East: Vacant property and rural residential development. South: Vacant property and dry crop agriculture. West: S. Marks Avenue, beyond which is vineyard.

## 5.2 INTERVIEWS WITH PROPERTY OWNER REPRESENTATIVES

An interview was conducted with Mr. Greg Stinson and Mr. Mark Elliot (California Department of Corrections and Rehabilitation) on January 28, 2015, the day of the Site reconnaissance. According to Mr. Stinson, the office building and chapel/class room structures were likely built in the late 1960's or early 1970's. Mr. Elliot stated that the dormitory buildings were constructed sometime in the mid 1990's. Neither Mr. Stinson nor Mr. Elliot was aware of how long the Site was occupied by a church. However, they stated that the Department of Corrections and Rehabilitation took over the management of the Site in the early 2000's, and that the Site was used for the "Family Foundation Program." According to Mr. Stinson, the "Family Foundation Program" was a halfway house for female inmates, and that they were allowed to take care of their children at the facility until they were released. Neither Mr. Stinson nor Mr. Elliot had knowledge of any wells existing at the Site, and believed that water service was provided by the City of Fresno. They also noted that sewer services were provided by the City of Fresno, and electricity and natural gas were provided by Pacific Gas and Electric (PG&E). Neither Mr. Stinson nor Mr. Elliot was aware of any large quantity storage of hazardous materials and/or petroleum products at the Site. Nor were they aware of any spills, releases, incidents or violations associated with the use of these items at the Site. Nor were they aware of any environmental liens and/or land use limitations associated with the Site.

## 5.3 PREVIOUS ENVIRONMENTAL REPORTS

No environmental reports or assessments were provided as part of this assessment.

## 6.0 AGENCY RECORDS

Fugro contracted with Environmental Data Resources (EDR) to conduct a search of Federal and State databases of containing known or suspected sites with releases to the environment, permits for hazardous waste operations and other environmental permits. Fugro identified listings/properties with a potential to impact the Site and discusses those listings/properties in detail below the table. In addition, Fugro researched reports available on the DTSC's ENVIROSTOR website and the SWRCB's GeoTracker website.

### 6.1 ENVIRONMENTAL CASE AND RECORDS REVIEW

Fugro reviewed lists of properties with documented hazardous materials handling, storage, or releases in the Site vicinity, as identified by EDR in their agency database report dated January 14, 2015 (Appendix E). The EDR report is compiled from published federal, state, and local regulatory agency databases. Databases reviewed included, but are not limited to, the following:

- State Annual Work Plan (AWP, now known as the RESPONSE database);
- State Bond Expenditure Plan (BEP, now known as the RESPONSE database);
- State-Equivalent Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) List (CAL-SITES, now known as the ENVIROSTOR database);
- California Department of Toxic Substance and Control (DTSC) Hazardous Waste Manifest Database (HAZNET);
- California EPA Facility Inventory Database (FID);
- California Index of Properties with Hazardous Waste (CORTESE);
- California Regional Water Quality Control Board (RWQCB) Leaking Underground Storage Tanks (LUST);
- California Solid Waste Landfills, Incinerators, or Transfer Stations (SWF);
- Resource Conservation and Recovery Act (RCRA) Permitted Treatment, Storage, Disposal Facilities (TSD);
- California Toxic Pits Cleanup Facilities;
- SWRCB List of Registered Underground Storage Tanks (UST);
- RWQCB (Ca SLIC) SLIC List;
- United States Environmental Protection Agency (USEPA) CERCLIS;
- USEPA Drinking Water Sources;
- USEPA Emergency Response Notification System (ERNS);
- USEPA National Priority List (NPL);
- USEPA RCRA Corrective Actions and Associated TSD;
- USEPA RCRA Registered Small or Large Generators of Hazardous Waste;
- USEPA RCRA Violations/ Enforcement Actions; and
- USEPA Toxic Release Inventory Database.

### **6.1.1 Site**

The Site address of 2855 West Whitesbridge Road appears four times on the Facility and Manifest Data (HAZNET) database. The Site is listed as Department of Corrections in 2000, 2006, and 2008 and Fresno Family Foundation in 2009. According to the HAZNET database, asbestos containing materials (ACM) were removed from the Site in 2000 (223.34 tons), 2006 (1.68 tons), and 2008 (24 tons) and disposed of at a landfill. In 2009, 0.02 tons of pharmaceutical waste was removed from the Site. A review of available documents from the DTSC's "Hazardous Waste Tracking System website (<http://hwts.dtsc.ca.gov>) confirms the removal of these building materials. Copies of documentation obtained from the DTSC are included in Appendix B. The permitted disposal of regulated waste does not represent a REC.

### **6.1.2 Offsite Properties**

This section summarizes our review of the database for offsite properties. Based on our review of available database information, three (3) offsite listings of potential environmental concern were identified and are discussed below. Sites not discussed below are not considered a REC based on their distance, gradient and/or regulatory status.

#### **6.1.2.1 116 S. Marks Avenue – West Side Used Tires**

This facility is reported to have been located approximately 35 feet south/southwest of the Site. This address appears on the CUPA Listings database due to its status as a waste tire facility. No documentation for the address of 116 S. Marks Avenue was found at any of the regulatory agencies contacted during this assessment (FCEHD, SWRCB or DTSC). In addition, Fugro's review of historical documentation (i.e. historical aerial photographs, topographic maps, city directories or city building permits) revealed that adjacent property to the south and southwest of the Site has historically been vacant property and/or agriculturally developed. Property to the southeast has historically been rural residential development. No documentation regarding spills, releases or violations associated with 116 S. Marks Avenue were described in the EDR report. It should also be noted that another off-Site facility (Westside Auto dismantlers), located approximately 854 feet east/northeast of the Site, is also reported to have used tires, and may be the source of this listing by EDR.

Because there are no reported spills releases, incidents or violations associated with the address of 116 S. Marks Avenue, and because historical documentation indicates that adjacent property to the south and south/west has historically been vacant property and/or agriculturally developed, this facility does not appear to represent a REC.

#### **6.1.2.2 2730 W. Whitesbridge Road - Byron Pump Division/Fresno Tractor**

This facility is located approximately 100 feet north of the Site. This address or location appears on the Historical UST (Hist UST), Historical Facility Index Database UST (FID UST), Statewide Environmental Evaluation Program UST (SWEEPS UST), Emissions Inventory Data (EMI), and the Certified Unified Program Agency (CUPA). Records show that one 550-gallon gasoline UST was installed at Bryon Pump Division in 1979. The records show that Byron Jackson Pump Division contracted with BSK laboratories (BSK) to remove one 550-gallon UST in 1987. According to BSK, one (1) soil sample was collected within the tank excavation. The sample was then analyzed for total volatile hydrocarbons (TVH), and BTEX (Benzene, Toluene, Ethylbenzene and Xylenes). All constituents were found to be non-detect. As a result of these findings, BSK recommended that the excavation be backfilled and that no additional investigation be conducted.

These results were submitted to the FCEHD for review. The FCEHD agreed with BSK's findings and recommended backfilling in a letter dated December 8, 1987. Copies of these documents are included in Appendix B.

2730 W. Whitesbridge Road appeared on the CUPA database due to its status as a hazardous materials storage and/or generation facility. According to information obtained from the EDR report, these materials currently include AST storage (totaling between 1,390 and 9,999 gallons). The most current hazardous material business plan (HMBP) was submitted to the FCEHD on October 24, 2014 and is included in Appendix B. According to the HMBP, stored materials included used oil filters, used antifreeze, waste oil, used batteries, hydraulic oil, argon gas, acetylene, oxygen, red diesel fuel (1,000-gallon AST), gasoline (550-gallon AST) and clear diesel fuel (1,000-gallon AST). There are currently no reported releases, spills, incidents or violations associated with the storage of these materials.

The EMI listing relate to air discharge of organic hydrocarbons from 2006 through 2012.

Because the former UST has received closure from the FCEHD, and because there are currently no reported releases, spills, incidents or violations associated with activities at 2730 W. Whitesbridge Road, this facility does not represent a REC.

#### **6.1.2.3 West Side Auto Dismantlers, Inc. (2640 W. Whitesbridge Avenue)**

The facility is located approximately 854 feet east/northeast of the Site. According to information obtained from the EDR report, DTSC and FCEHD, this facility appears on the RCRA-SQG and CUPA databases due to its previous status as a "small quantities" hazardous materials storage and/or generation facility. According to information obtained from the FCEHD, hazardous materials at the facility included, waste filters, waste oil, antifreeze, used batteries, solvent waste, gasoline (100-gallon AST) and diesel fuel (500-gallon AST). The FCEHD also noted that the facility is no longer in operation, and has been closed since January of 2007. According to the DTSC, a preliminary endangerment assessment (PEA) was conducted by Shaw Environmental (Shaw) in April of 2006. This assessment included the drilling of thirteen (13) soil borings throughout the facility, at a maximum depth of 20 feet below surface grade (bsg) and the collection and analysis of soil samples from these borings. Groundwater is not reported to have been encountered during this assessment. Analysis of these samples revealed detectable concentrations of lead, toluene, xylene, oil and grease and TPHg within the upper three (3) feet of soils at the facility. Although impacted soils were found to exist at the facility, it was the opinion of Shaw that these impacts were limited primarily to surface soils (0 to 1 foot bsg), and that risk management strategies used during development would be sufficient. The PEA was submitted to the DTSC for review. The DTSC issued a "No Further Action Status" for the facility in a letter dated June 19, 2009. However, noted that this status required future development be limited to restrictions issued in the DTSC's "Covenant to Restrict Use of Property" (# 2009-0082583), dated June 17, 2009. The DTSC's use restriction limited development at the facility to industrial or commercial use.

Because impacts at the facility are reported to have been limited primarily to surface soils, and because the DTSC issued closure, the current potential impact to the Site from this facility appears to be low. Copies of the PEA report and correspondence from the DTSC are included in Appendix B.

### **6.1.3 Orphan Sites**

Fugro's review of EDR's Orphan Property listing revealed two (2) listings for Caltrans at the intersection of Marks Avenue and Highway 180 (approximately 800 feet north of the Site). However a review of available documentation from the FCEHD, SWRCB, DTSC, and the "Geotracker" and "Envirostor" databases did not reveal any information regarding either listing. It should be noted that Caltrans is reported to have operated a storage area in the northern portion of the off-Site "Fresno Tractor/ Byron Pump Division" facility during the construction of the Highway 180 extension in the early 2000's. However, no additional documentation regarding operations at this facility was identified during Fugro's assessment. Due to the relative distance of these reported listings (approximately 800 feet north) and that they are reported to have been located hydrologically cross-gradient to the Site, this facility does not currently represent a REC.

## **6.2 REGULATORY AGENCY CONTACTS**

On January 21, 2015, Fugro contacted the Fresno County Environmental Health Division (FCEHD) for information regarding spills, incidents, releases, or violations associated with the storage or generation of hazardous materials and/or petroleum products. According to the counterperson, there are no documents regarding spills, releases, incidents or violations for the on-Site address of 2855 W. Whitesbridge Road. Documentation for off-Site facilities was provided for Fugro's review, and is summarized further in section 6.1.2.

On January 21, 2015, Fugro contacted the RWQCB for information regarding spills, incidents, releases or violations associated with the storage or generation of hazardous materials and/or petroleum products. According to Mr. Jong Han, no records for the on-site address of 2855 W. Whitesbridge Road Street are on file at the RWQCB.

On January 21, 2015, Fugro contacted the DTSC for information regarding spills, releases or violations associated with the storage or generation of hazardous materials and/or petroleum products. According to Ms. Sarah Tooles, no records for the on-Site address of 2855 W. Whitesbridge Road are on file at the DTSC.

On February 5, 2015, Fugro reviewed available building permit information at the offices of the City of Fresno Building Department (CFBD). A review of these documents indicated that the office building and office/classroom structures were constructed between 1968 and 1969. The dormitory buildings and utility building were constructed in 1992. No documentation regarding the installation and/or removal of USTs, ASTs, dry wells or sumps was found.

On January 29, 2015, Fugro checked records available on the DTSC's ENVIROSTOR website and the RWQCB's GeoTracker website. The Site address is not listed in these regulated-site databases, and no adjoining properties were shown to be listed. Information available for other sites is summarized above.

Based on a review of the California Division of Oil and Gas website (<http://maps.conservation.ca.gov/doggr/index.html#>), there are no oil or gas wells located within 1,000 feet of the Site.

## **7.0 OTHER CONSIDERATIONS**

### **7.1 ASBESTOS CONTAINING MATERIAL (ACM)**

Asbestos is a naturally occurring mineral fiber that was once widely used in building materials and products for its thermal insulating properties and fire resistance. EPA defines asbestos containing material (ACM) as material that contains more than 1% asbestos. Building products containing ACM are often referred to as asbestos containing building material (ACBM). Undisturbed ACBM generally does not pose a health risk. However, ACBM may pose an increased risk if damaged, distributed in certain manners, or if it deteriorates so asbestos fibers can be released into building air.

Asbestos was commonly present in fireproofing, ceiling texture, ceiling tile, suspended ceiling panels, wiring, pipe, boiler and vessel insulation, interior plaster and duct insulation until the late 1970s. Other types of ACM, such as drywall joint compound, exterior stucco, sheet vinyl flooring and mastics, roof tiles, roof coatings, asbestos-cement products and flues were commonly used until the late 1980s. The Toxic Substance Control Act (TSCA) banned the use of asbestos in many products in 1993. However, several categories of building product were not subject to the ban.

According to information obtained from the EDR report and DTSC, an approximate total of 250 tons of asbestos-containing building materials were removed from on-Site buildings between 2000 and 2008. Removal and disposal of these materials was documented by the DTSC. However, no additional reports or documents regarding removal were encountered during the preparation of this report. Based on the reported date of construction of the on-Site structures (late 1960's to early 1990's), and because locations of removed materials could not be identified, should renovations or demolition of the structure be contemplated, Fugro recommends that an additional ACM survey be conducted by trained personnel.

### **7.2 LEAD BASED PAINT (LBP)**

Lead is a soft, bluish metallic element that has been used in a wide variety of products. According to the EPA, paint manufacturers frequently used lead as primary ingredient in many oil based interior and exterior house paints through the 1940s and gradually decreased its use in the 1950s and 1960s as latex paints became more widespread. The Federal Department of Housing and Urban Development (HUD) estimated that 75% of houses built in the United States before 1978 contain some lead based paint. Lead from paint chips and dust can pose health hazards if not properly managed. The Consumer Product Safety Commission (CPSC) prohibited use of lead in paint for residential use in 1978 and concentrations greater than 0.06 percent lead by weight. It should be noted that the use of lead based paint in commercial and industrial buildings has not been prohibited.

Based on the reported date of construction of the on-Site structures (late 1960's to early 1990's), lead based paint may be present. In general, painted surfaced appeared to be in fair condition on the day of the Site reconnaissance. The evaluation of lead based paint was not included in this Phase I ESA. Should renovations or demolition of the structure be contemplated, Fugro recommends a lead based paint survey be conducted.



### **7.3 MOLD**

Molds are fungi that can be found both indoors and outdoors. No one knows how many species of fungi exist but estimates range from tens of thousands to perhaps three hundred thousand or more. Molds grow best in warm, damp, and humid conditions, and spread and reproduce by making spores. Mold spores can survive harsh environmental conditions, such as dry conditions, that do not support normal mold growth.

Fugro did not observe obvious evidence of mold growth or water intrusion during our Site reconnaissance.

### **7.4 RADON**

Radon is an odorless, tasteless and invisible gas produced by the decay of naturally occurring uranium in soil and water. Radon is a form of ionizing radiation and a proven carcinogen. Lung cancer is the only known effect on human health from exposure to radon in air. Thus far, there is no evidence that children are at greater risk of lung cancer than are adults. Radon in air is ubiquitous. Radon is found in outdoor air and in the indoor air of buildings of all kinds. EPA recommends homes be fixed if the radon level is 4 pCi/L (picocuries per liter) or more. Because there is no known safe level of exposure to radon, EPA also recommends that Americans consider fixing their home for radon levels between 2 pCi/L and 4 pCi/L. A radon survey was not conducted as part of this Phase I ESA. According to the EDR report and the EPA radon zone map, the Site is located in Zone 2, which shows radon levels between 2 and 4 pCi/L.

## 8.0 FINDINGS

The following sections summarize our findings for this ESA.

### 8.1 SITE RECONNAISSANCE FINDINGS

The Site consists of a 2.03-acre rectangular-shaped piece of land with the physical address of 2855 West Whitesbridge Road in Fresno, California. A total of five (5) structures were observed at the Site during the reconnaissance in January 2015. These structures include one (1) approximately 2,695 square foot office structure, one (1) approximately 19,350 square foot chapel and classroom/office building, one (1) approximately 1,240 square foot building used to house a heating system, and two (2) approximately 7,650 square foot dormitory buildings. The buildings single story structures with concrete slabs-on-grade. The exteriors are comprised of masonry block and stucco. Interior finishes include vinyl tile and carpet, gypsum board and paneled walls, and acoustic ceiling tile. During the Site reconnaissance, the buildings were unoccupied and showed signs of vandalism. The remaining portions of the Site were observed to be asphalt and concrete-paved walkways and parking areas. There are landscaped areas located along the northern and eastern perimeter of the Site, and adjacent to most of the buildings. The planters contain grass, shrubs, and trees, and the vegetation appeared healthy. No stained soil was observed in the landscaped areas of the Site. A pile of domestic trash was observed dumped in the parking area.

One (1) approximately 6,000 square-foot, 4 feet deep, retention basin was observed in the southern portion of the Site; the basin was dry. Fugro did not observe any distressed vegetation in the basin nor any observed stains or debris.

Fugro also conducted a visual observation of adjoining or neighboring properties. West Whitesbridge Road borders the northern edge of the Site, beyond which is a property occupied by the Fresno Tractor business. An orchard is observed south and east of the Site. South Marks Avenue borders the western edge of the Site, beyond which is a vineyard. No evidence of RECs were observed on the Site or adjoining properties during the site reconnaissance.

### 8.2 SITE HISTORY FINDINGS

According to a review of available historical documentation, the Site was primarily undeveloped or in agricultural use from at least 1942 to the mid 1960's. The office structure and chapel/classroom structure appear to have been constructed sometime between the late 1960's and 1972, with the remaining portions of the Site remaining vacant until at least the late 1980's. The two (2) dormitory buildings, heating system building, and retention basin are reported to have been constructed in the early 1990's. City directories show that the Site was occupied by the Bethesda Apostolic Church from at least 1980 to 1996 and Fresno First Mental Health System from 1996 until 2008. Title records suggest that the State of California (State) has owned the property since 1996. In 1998, the parcel was quit claimed from the State Office of Statewide Planning and Development to the Department of Corrections. The Family Foundation Program, a precursor to the Department of Corrections and Rehabilitation Female Offender Program and Services Mission occupied portions of the Site from the early 2000s until the Site buildings were vacated in 2012.

Based on the relatively low risk from these identified uses, former operations at the Site are not currently considered an environmental concern. Therefore, no RECs were identified as part of Fugro's historical research.

Fugro also conducted a historical research of adjoining or neighboring properties. The north adjoining property, currently occupied by Fresno Tractor, has been in commercial use since between the late 1960s and 1972. Other surrounding property has been undeveloped or in agricultural use since 1942. No RECs were identified during historical research.

### **8.3 REGULATORY AGENCY FINDINGS**

The Site address of 2855 West Whitesbridge Road appears on the Facility and Manifest (HAZNET) database within the Environmental Data Resources (EDR) Database Report. According to the HAZNET database, approximately 250 tons of asbestos containing materials and 0.02 tons of pharmaceutical wastes were removed from the Site between 2000 and 2009, and disposed of at a landfill. No documentation of violations associated with removal or disposal of these materials was found during this assessment. The permitted disposal of this regulated waste does not represent a REC.

West Side Used Tires (116 S. Marks Avenue) is reported by the EDR as a Certified Unified Program Agency (CUPA) waste tire facility. This property is mapped by EDR as being located approximately 35 feet south of the Site. Fugro's review of historical documentation revealed that adjacent property to the south and southwest of the Site has historically been vacant property and/or agriculturally developed. Property to the southeast has historically been rural residential development. No documentation regarding spills, releases or violations associated with 116 S. Marks Avenue were described in the EDR report. Because there are no reported spills releases, incidents or violations associated with the address of 116 S. Marks Avenue, and because historical documentation indicates that adjacent property to the south and south/west has historically been vacant property and/or agriculturally developed, this facility does not appear to represent a REC.

The north adjoining property, located north of West Whitesbridge Road, is listed as Byron Pump/Fresno Tractor and appears on the multiple data bases. This facility has an address of 2730 West Whitesbridge Road, and appears on the Historical UST (Hist UST), Historical Facility Index Database UST (FID UST), Statewide Environmental Evaluation Program UST (SWEEPS UST), Emissions Inventory Data (EMI), and the Certified Unified Program Agency (CUPA). Because the former Underground Storage Tank (UST) has received regulatory closure, and because there are currently no reported releases, spills, incidents or violations associated with activities at 2730 W. Whitesbridge Road, this property does not represent a RECe current potential impact to the Site from this facility appears to be low.

West Side Auto Dismantlers is listed in the EDR report as being located at 2640 West Whitesbridge Road, approximately 854 feet east/northeast of the Site. According to information obtained from the EDR report, the California Department of Toxic Substance Control (DTSC) and FCEHD, this facility appears on the RCRA-SQG and CUPA databases due to its previous status as a "small quantities" hazardous materials storage and/or generation facility. The FCEHD also noted that the facility is no longer in operation, and has been closed since January of 2007. The DTSC issued a "No Further Action Status" for the facility in a letter dated June 19, 2009. This



facility does not represent a REC to the Site because facility is over 800 feet from the Site, impacts at the facility are reported to have been limited primarily to surface soils, and DTSC case closure.

Fugro's review of EDR's Orphan Property listing revealed two (2) listings for Caltrans at the intersection of Marks Avenue and Highway 180 (approximately 800 feet north of the Site). However a review of available documentation from the FCEHD, SWRCB, DTSC, and the "Geotracker" and "Envirostor" databases did not reveal any information regarding either listing. It should be noted that Caltrans is reported to have operated a storage area in the northern portion of the off-Site "Fresno Tractor/ Byron Pump Division" facility during the construction of the Highway 180 extension in the early 2000's. However, no additional documentation regarding operations at this facility was identified during Fugro's assessment. Due to the relative distance of these reported listings (approximately 800 feet north) and that they are reported to have been located hydrologically cross-gradient to the Site, this facility does not currently represent a REC.

## 9.0 CONCLUSIONS

Fugro has performed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 for the on-site property located at 2855 West Whitesbridge Road. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no RECs, CRECs, HRECs or vapor intrusion concerns at the Site. However, the following items were identified as part of this assessment:

- According to information obtained from the EDR report and DTSC, an approximate total of 250 tons of asbestos-containing building materials (ACM) were removed from on-Site buildings between 2000 and 2008. Removal and disposal of these materials was documented by the DTSC. However, no additional reports or documents regarding removal were encountered during the preparation of this report. Based on our experience, partial removal of ACM was a common occurrence during renovation projects. No documentation of a lead-based paints survey was found during this assessment. Based on the reported date of construction of the on-Site structures (late 1960's to early 1990's), and because locations of removed materials could not be identified, should renovations or demolition of the structure be contemplated, Fugro recommends that a complete hazardous materials survey and assessment be conducted by trained personnel. At a minimum the survey should assess the structures and roofing materials for the possible presence of ACM, lead based paints, PCB and mercury containing devices, etc.
- The property is located within a 500-year flood plain.

## 10.0 LIMITATIONS

Fugro has prepared this report in a professional manner, using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Fugro shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. Fugro also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. Fugro believes that conclusions stated herein to be factual, but no guarantee is made or implied. This report has been prepared for the benefit of the California Department of General Services. The information contained in this report,



including all exhibits and attachments, may not be used by any party other than the California Department of General Services, without the express written consent of Fugro.

## 11.0 REFERENCES

ASTM Designation E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process dated November 2013.

EDR, Historical Topographic Map Report, Inquiry Number 4182289.4, dated January 15, 2015.

EDR, Building Permit Report, Inquiry Number 4182289.8, dated January 15, 2015.

EDR, Aerial Photographs, Inquiry Number 4182289.12, dated January 19, 2015.

EDR, Certified Sanborn Map Report, Inquiry Number 4182289.3, dated January 15, 2015.

EDR, Environmental Lien and AUL Report, Inquiry Number 4182289.7S, dated January 22, 2015.

EDR, Radius Map with GeoCheck Report, Inquiry Number 4182289.2s, dated January 15, 2015.

Shaw Environmental, Inc., Preliminary Endangerment Assessment, Westside Auto Dismantling, 2640 West Whitesbridge Avenue, Fresno, CA, dated April 18, 2006.

### **Websites**

<http://www.dgs.ca.gov>

[www.envirostor.ca.org](http://www.envirostor.ca.org)

[www.geotracker.swrcb.ca.gov](http://www.geotracker.swrcb.ca.gov)

<http://websoilsurvey.nrcs.usda.gov>

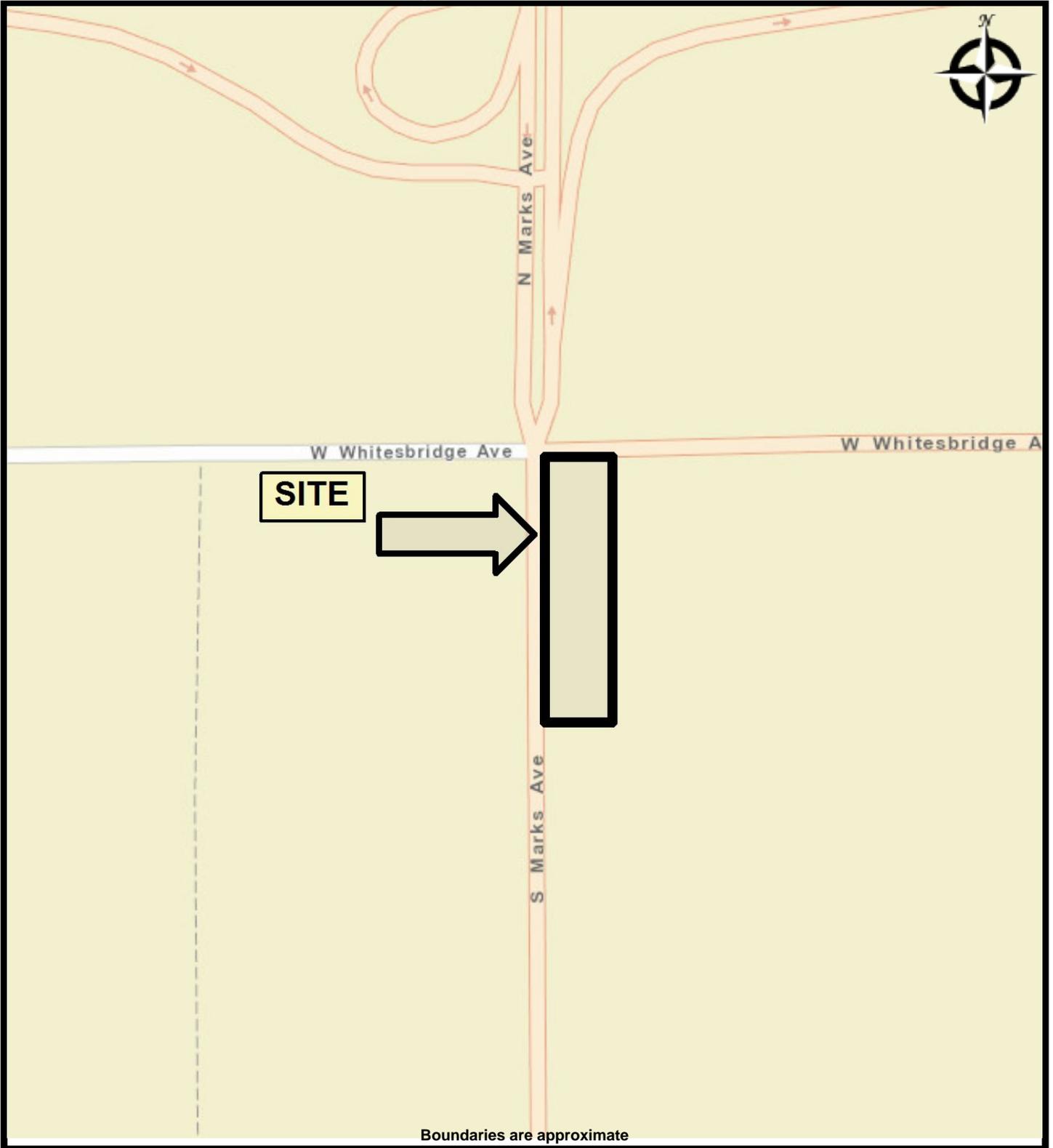
<http://maps.conservation.ca.gov/doggr/index.html#>



## **12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS**

Fugro declares that, to the best of our professional knowledge and belief, the key professionals involved with conducting this ESA meet the definition of Environmental Professional as defined in §312.10 of CFR 40 Part 312. These professionals have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. They have developed and performed all the appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312. Resumes for the Environmental Professionals who prepared this ESA report are presented in Appendix F.

# Plates



Boundaries are approximate



**STREET MAP**  
**WHITESBRIDGE RD**  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



W WHITESBRIDGE AVENUE

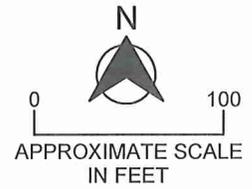
SITE BOUNDARY

MARKS AVENUE

MD

RB

-  MISCELLANEOUS DEBRIS
-  RETENTION BASIN
-  STORM DRAIN
-  PAD-MOUNTED TRANSFORMER



SITE PLAN  
 WHITESBRIDGE ROAD  
 2855 WEST WHITESBRIDGE ROAD  
 FRESNO CALIFORNIA 93706

PREPARED FOR: DEPARTMENT OF GENERAL SERVICES  
 PROJ. MGR: JERIANN ALEXANDER  
 DRAWN BY: RM

DRAWING NO. 2  
 DATE: 2/11/2015  
 PROJ. #: 04.72120008.27  
 E99509.0200

**Appendix A:**  
**Site Photographs**

### PHOTOGRAPH 1

Office building, located in the northern portion of the Site.



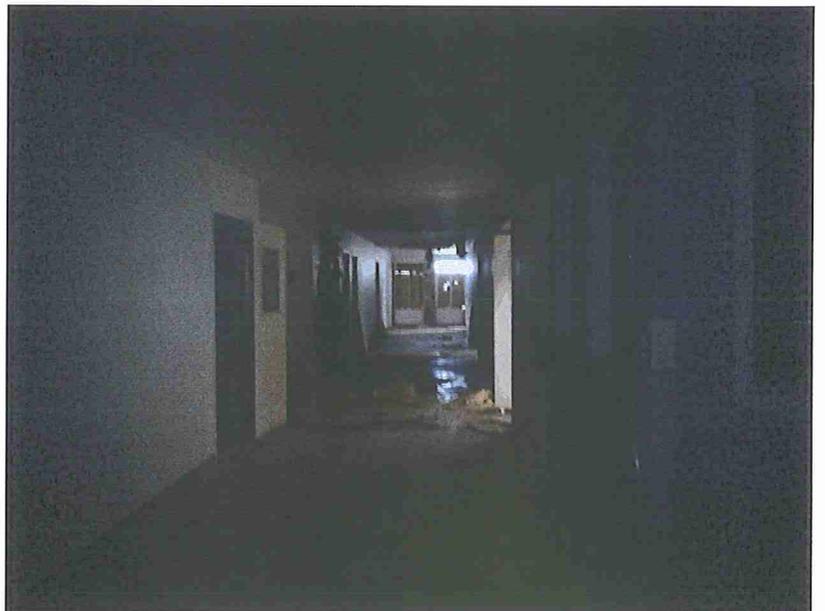
### PHOTOGRAPH 2

Interior of the chapel, looking north from the southern portion.



### PHOTOGRAPH 3

Hallway, located within the chapel/classroom building.



**PHOTOGRAPH 4**

Kitchen area, observed within the chapel/classroom building.



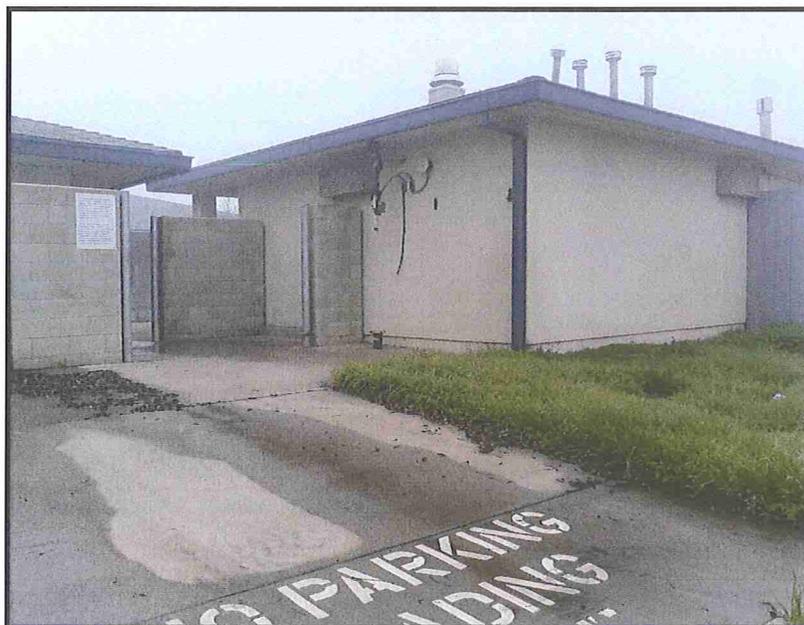
**PHOTOGRAPH 5**

Miscellaneous debris, observed just northeast of the office building.



**PHOTOGRAPH 6**

Utility structure, observed just south of the chapel/classroom structure.



**PHOTOGRAPH 7**

Dormitory buildings and courtyard area, observed in the central portion of the Site.



**PHOTOGRAPH 8**

Typical dormitory room, located with the dormitory buildings.



**PHOTOGRAPH 9**

Uncovered storm drain, located in the courtyard area.



**PHOTOGRAPH 10**

Retention basin, observed in the southern portion of the Site.



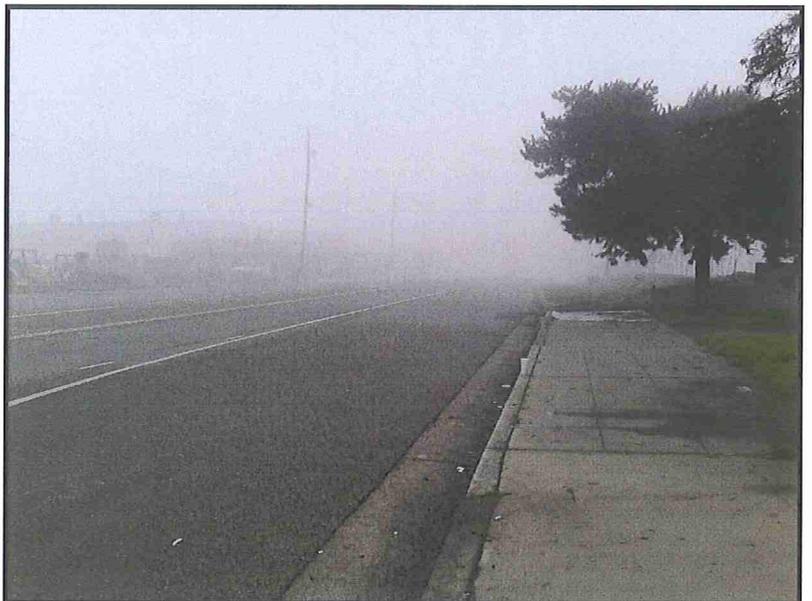
**PHOTOGRAPH 11**

Pad-mounted transformer, located along the western edge of the Site.



**PHOTOGRAPH 12**

Whitesbridge Road and Fresno Tractor, located north of the Site.



**PHOTOGRAPH 13**

Adjacent property, observed south of the Site.



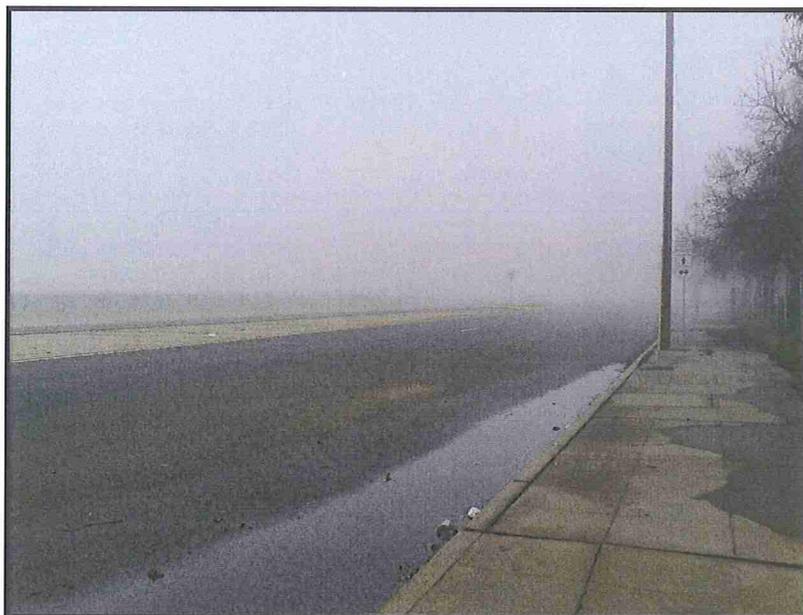
**PHOTOGRAPH 14**

Adjacent property, observed east of the Site.



**PHOTOGRAPH 15**

Marks Avenue, observed west of the Site, beyond which is a vineyard.



**Appendix B:**  
**Pertinent Documents**



Site Address: 2855 West Whitesbridge Road Fresno, California

## PROPERTY OWNER QUESTIONNAIRE

*This questionnaire has been presented to you by Fugro Consultants, Inc. to document and satisfy some of the interview requirements listed in Section 10 of ASTM 1527-13 (Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process). The objective of the questionnaire is to obtain information regarding environmental conditions in connection with the subject property.*

*Please answer the following in good faith and to the best of your knowledge then return a completed form to Fugro. If any of questions are answered affirmatively, please provide further information in the space provided.*

1. Do you know the past uses of the property?

Before it closed in June 2012, this property was utilized for the Family Foundation Program (FFP), which was purview of the CDCR's Female Offender Programs and Services Mission. This program housed pregnant women or women with a child under the age of 6 that were sentenced by the Courts directly to the FFP.

2. Are you aware of any current or historical environmental conditions associated with the site?

None Known by ERCS( CDCR Environmental and Regulatory Compliance Section)

3. Are you aware of any commonly known or reasonably ascertainable information that document environmental conditions in connection with the site?

None Known by ERCS

4. Are you aware of any current or historical industrial uses at the site?

None that we are aware of.

5. Do you know of specific chemicals that are present or once were present at the property?

None Known by ERCS

6. Do you know of spills or other chemical releases that have taken place at the property?

None Known by ERCS



7. Do you know of any environmental cleanups that have taken place at the property?  
None Known by ERCS
8. Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?  
None Known by ERCS
9. Are you aware of any registered or unregistered underground storage tanks (USTs) or above ground storage tanks (ASTs) currently or historically present at the site?  
None Known by ERCS
10. Are you aware of any hazardous waste, petroleum hydrocarbons, or chemical storage currently or historically present at the site?  
None Known by ERCS
11. Are you aware of any registered or unregistered spills, leaks, or discharges associated with the current or historic site uses?  
None Known by ERCS
12. Are you aware of any fill dirt currently or historically present at the site?  
None Known by ERCS
13. Are you aware of any current or historical water supply or monitoring wells at the site?  
None Known by ERCS
14. Are you aware of any environmental or cleanup liens recorded against the site?  
None Known by ERCS
15. Are you aware of any activity use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?  
None Known by ERCS
16. Do you have any specialized knowledge or experience related to the property or nearby properties? For, example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemical and processes used by this type of business.





Signed: Ms J Elliott

Title: ABMA

Date: 2/23/2015

## **OFF-SITE DOCUMENTS**

# STATE OF CALIFORNIA

## WATER RESOURCES CONTROL BOARD



### FORM 'A': SITE

### UNDERGROUND STORAGE TANK PROGRAM FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION COMPLETE THIS FORM FOR EACH FACILITY/SITE

1978

<b>MARK ONLY ONE ITEM</b>	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

#### I. FACILITY/SITE INFORMATION & ADDRESS -- (MUST BE COMPLETED)

FACILITY/SITE NAME <b>BYRON JACKSON PUMP CO.</b>		CARE OF ADDRESS INFORMATION		
ADDRESS <b>2730 W. WHITESBRIDGE</b>		NEAREST CROSS STREET	<input checked="" type="checkbox"/> Box to indicate CORPORATION <input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP LOCAL-AGENCY <input type="checkbox"/> COUNTY-AGENCY <input type="checkbox"/> STATE-AGENCY FEDERAL-AGENCY
CITY NAME <b>FRESNO</b>		STATE <b>CA</b>	ZIP CODE	SITE PHONE #, WITH AREA CODE <b>209-264-5238</b>
TYPE OF BUSINESS: <input type="checkbox"/> 1 GAS STATION <input type="checkbox"/> 2 DISTRIBUTOR <input type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input checked="" type="checkbox"/> 5 OTHER		EPA ID #		# of TANKs AT THIS SITE <b>0</b>
EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY)		
DAYS: NAME (LAST, FIRST)      PHONE # WITH AREA CODE		DAYS: NAME (LAST, FIRST)		PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST)      PHONE # WITH AREA CODE		NIGHTS: NAME (LAST, FIRST)		PHONE # WITH AREA CODE

#### II. PROPERTY OWNER INFORMATION & ADDRESS -- (MUST BE COMPLETED)

NAME <b>BORG-WARNER INDUSTRIES</b>		CARE OF ADDRESS INFORMATION		
MAILING or STREET ADDRESS <b>200 OCEAN GATE BLVD</b>		<input checked="" type="checkbox"/> Box to indicate CORPORATION <input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP LOCAL-AGENCY <input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> STATE-AGENCY FEDERAL-AGENCY
CITY NAME <b>LONG BEACH</b>		STATE <b>CA</b>	ZIP CODE <b>90801</b>	PHONE #, WITH AREA CODE

#### III. TANK OWNER INFORMATION & ADDRESS -- (MUST BE COMPLETED)

NAME <b>SAME AS II</b>		CARE OF ADDRESS INFORMATION		
MAILING or STREET ADDRESS		<input checked="" type="checkbox"/> Box to indicate CORPORATION <input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP LOCAL-AGENCY <input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> STATE-AGENCY FEDERAL-AGENCY
CITY NAME		STATE	ZIP CODE	PHONE #, WITH AREA CODE

#### IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR BOTH LEGAL NOTIFICATION AND BILLING: I.  II.  III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
--	------

#### LOCAL AGENCY USE ONLY

COUNTY # <b>10</b>	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKs at SITE <b>0000</b>
CURRENT LOCAL AGENCY FACILITY ID # <b>87151</b>		APPROVED BY NAME <i>John F. G... 445-3271 (209)</i>		PHONE # WITH AREA CODE
PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE		
LOCATION CODE	CENSUS TRACT # <b>07</b>	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED YES <input type="checkbox"/> NO <input type="checkbox"/>	DATE FILED
CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #
				BY:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.  
FORM A (9-2-88)



**FORM 'B': UNDERGROUND STORAGE TANK PROGRAM TANK PERMIT APPLICATION INFORMATION**

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED TANK
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: BYRON JACKSON PUMP CO FARM TANK - YES  NO

**I. TANK DESCRIPTION COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY**

A. OWNERS TANK ID #	<u>UNKNOWN</u>	B. MANUFACTURED BY:	<u>UNKNOWN</u>
C. YEAR INSTALLED	<u>UNKNOWN</u>	D. TANK CAPACITY IN GALLONS:	<u>550</u>

**II. TANK CONTENTS IF (A-1), IS MARKED, COMPLETE ITEM C. IF (A-1), IS NOT MARKED, COMPLETE ITEM D.**

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL <input type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 3 CHEMICAL PRODUCT <input type="checkbox"/> 4 OIL <input type="checkbox"/> 5 HAZARDOUS <input type="checkbox"/> 80 EMPTY <input type="checkbox"/> 95 UNKNOWN		B. <input checked="" type="checkbox"/> 1 PRODUCT <input type="checkbox"/> 2 WASTE	C. <input type="checkbox"/> 1 UNLEADED <input checked="" type="checkbox"/> 2 LEADED <input type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input type="checkbox"/> 6 AVIATION GAS <input type="checkbox"/> 7 METHANOL <input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D, BELOW)
D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. #			C.A.S. #:

**III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOX A, B, C, & D**

A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALLED <input type="checkbox"/> 2 SINGLE WALLED <input type="checkbox"/> 3 SINGLE WALLED WITH EXTERIOR LINER <input type="checkbox"/> 4 SECONDARY CONTAINMENT	<input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER
B. TANK MATERIAL <input type="checkbox"/> 1 STEEL/IRON <input type="checkbox"/> 2 STAINLESS STEEL <input type="checkbox"/> 3 FIBERGLASS <input type="checkbox"/> 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 5 CONCRETE <input type="checkbox"/> 6 POLYVINYL CHLORIDE <input type="checkbox"/> 7 ALUMINUM <input type="checkbox"/> 8 100% METHANOL COMPATIBLE FRP <input type="checkbox"/> 9 BRONZE <input type="checkbox"/> 10 GALVANIZED STEEL <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER	
C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED <input type="checkbox"/> 2 ALKYD LINING <input type="checkbox"/> 3 EPOXY LINING <input type="checkbox"/> 4 PHENOLIC LINING <input type="checkbox"/> 5 GLASS LINING <input type="checkbox"/> 6 UNLINED <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> 99 OTHER	
D. CORROSION PROTECTION <input type="checkbox"/> 1 POLYETHYLENE WRAP <input type="checkbox"/> 2 TAR OR ASPHALT <input type="checkbox"/> 3 VINYL WRAP <input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 5 CATHODIC PROTECTION <input type="checkbox"/> 91 NONE <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER	

**IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND, U IF UNDERGROUND, BOTH IF APPLICABLE**

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 91 NONE	A U 95 UNKNOWN	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 91 NONE	<b>A U 95 UNKNOWN</b>	A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	A U 91 NONE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP		
	A U 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER			

**V. LEAK DETECTION SYSTEM CIRCLE P FOR PRIMARY, OR S FOR SECONDARY, A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.**

P S 1 VISUAL CHECK	P S 2 INVENTORY RECONCILIATION	P S 3 VADOSE WELLS	P S 4 ELECTRONIC MONITOR	P S 5 GROUND WATER MONITORING WELLS
P S 6 PRECISION TESTING	P S 7 PRESSURE TESTING	P S 91 NONE	<b>P S 95 UNKNOWN</b>	P S 99 OTHER

**VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE**

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? <input type="checkbox"/> YES <input type="checkbox"/> NO
-------------------------------------	---	--

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
--	------

**LOCAL AGENCY USE ONLY**

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #
<u>10</u>				
CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE		
	<u>87151</u>	<u>Theresa F. (over 445-3271/209)</u>		
PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE		
CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #

# BSK & Associates, Geotechnical Consultants, Inc.

November 17, 1987

Our Job 87347

Neil Heely  
All American Trenching  
Post Office Box 9004  
Fresno, California 93790

SUBJECT: Fuel Tank Removal  
Soil Sampling & Testing  
Byron Jackson Pumps  
2730 W. Whitesbridge Road  
Fresno County, California

Dear Mr. Heely:

There are submitted results of chemical tests performed on a soil sample obtained on November 9, 1987 at the subject manufacturing facility. The sample location and depth were prescribed by the Department of Health of the County of Fresno. The approximate sample location is indicated on the attached Site Plan, Figure 1. The results of the laboratory tests are indicated on the Laboratory Test Report, Examination No. Ch872395, Enclosure 1. The Chain of Custody Record is included as Enclosure 2.

Test results indicate that the soil beneath the tank is not contaminated.

Respectfully submitted,

BSK & Associates

*Wesley J. Braun*  
Wesley J. Braun  
CE 13034

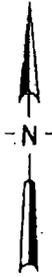
WJB/cl

Enclosures: Site Plan, Figure 1  
Laboratory Test Report, Enclosure 1  
Chain of Custody Record, Enclosure 2

cc: Fresno County Environmental Health, Oscar Hernandez  
Byron Jackson Pumps, Marshall Turner

Soil Engineering • Engineering Geology • Engineering Laboratories • Chemical Laboratories

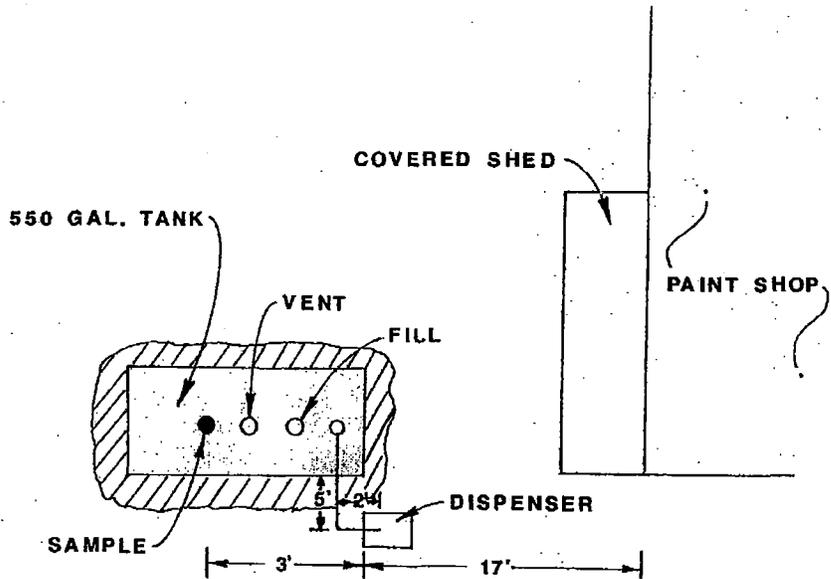
<input type="checkbox"/>	Fresno, California 93706	*	1645 "E" Street, Suite 105	*	Telephone (209) 485-3200
<input checked="" type="checkbox"/>	Fresno, California 93706	*	1414 Stanislaus Street	*	Telephone (209) 485-8310
<input type="checkbox"/>	Visalia, California 93278	*	3901 So. Mooney Blvd., P.O. Box 3236	*	(209) 732-8857
<input type="checkbox"/>	Bakersfield, California 93304	*	117 "V" Street	*	Telephone (805) 327-0671
<input type="checkbox"/>	Pleasanton, California 94566	*	5729-G Sonoma Drive	*	Telephone (415) 462-4000



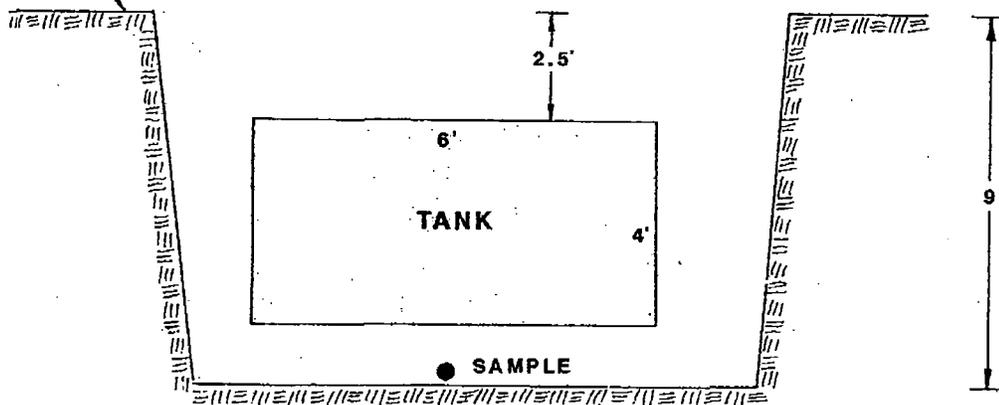
(NOT TO SCALE)

### SITE PLAN

BYRON JACKSON PUMPS  
2730 W. WHITESBRIDGE ROAD  
FRESNO COUNTY, CALIFORNIA



GROUND SURFACE



### CROSS-SECTION

**BSK**

& Associates GEOTECHNICAL CONSULTANTS - FRESNO • VISALIA • BAKERSFIELD • PLEASANTON

# BSK & Associates, Geotechnical Consultants, Inc.

All American Trucking  
(87347)

Exam. No. Ch872395

Report Date: 11/12/87

Sample Type: Soil

Date Sample Collected: 11/9/87

Sample Description: Byron Jackson

Date Sample Received @ Lab: 11/10/87

Pumps - 1610 hrs.

Date of Analyses: 11/11/87

<u>Constituent</u>	<u>Units</u>	<u>Results</u>	<u>Detection Limits</u>
Benzene	mg/Kg	ND	0.02
Toluene	mg/Kg	ND	0.05
Total Xylene Isomers	mg/Kg	ND	0.05
Ethylbenzene	mg/Kg	ND	0.05
Total Volatile Hydrocarbons	mg/Kg	ND	1

ND=None Detected

Methods of Analyses

BTXE by EPA 5020/8020 GC/PID, 2nd Edition  
TVH by EPA 5020/8015 (M) GC/FID, 2nd Edition

David A. Kovacs  
Analyst

Thomas F. White  
Lab Director

Soil Engineering • Engineering Geology • Engineering Laboratories • Chemical Laboratories

- Fresno, California 93706 • 1645 "E" Street, Suite 105 • Telephone (209) 485-3200
- Fresno, California 93706 • 1414 Stanislaus Street • Telephone (209) 485-8310
- Visalia, California 93278 • 3901 So. Mooney Blvd., P.O. Box 3236 • (209) 732-8857
- Bakersfield, California 93304 • 117 "V" Street • Telephone (805) 327-0671
- Pleasanton, California 94566 • 5729-G Sonoma Drive • Telephone (415) 462-4000



FRESNO COUNTY HEALTH DEPARTMENT  
 UNDERGROUND TANK PROGRAM  
 P.O. BOX 11867  
 FRESNO, CA 93775

ABANDONMENT INSPECTION REPORT I.D. Number 87151-1  
 Date 11-9-87

Facility Name BYRON - WARENEK PUMP DIVISION  
 Facility Address 2730 WHITEBLADE City FRESNO  
 APN 458-002-35 CT 07  
 Owner Byron - Warenek Telephone \_\_\_\_\_  
 Address Same City FRESNO Zip \_\_\_\_\_  
 Contractor LA American TRENHEIMER

	Y	N	COMMENTS
Application for Permit to Abandon	<input checked="" type="checkbox"/>		
Deleted from Underground Tank Computer Inventory			
Fee Paid			N/A
Fire Agency Notified			
Abandoned Tank Destination <u>COMMERCIAL TRAIL</u>	<input checked="" type="checkbox"/>		

II. INSPECTION:

Tank(s) has been completely emptied prior to removal (watch for remote fill lines)	<input checked="" type="checkbox"/>		
For flammable liquids, dry ice added (15 lbs. per 1,000 gallon volume)	<input checked="" type="checkbox"/>		
Product in excavation		<input checked="" type="checkbox"/>	
Soil discoloration		<input checked="" type="checkbox"/>	
Soil sampled beneath tank <u>9' Depth at Ground Surf</u>	<input checked="" type="checkbox"/>		15/S - INC. BEX
Results of sample(s) Acceptable <u>YES - BSK</u>			
Piping removed	<input checked="" type="checkbox"/>		
Contamination under piping		<input checked="" type="checkbox"/>	
Groundwater in excavation			N/A
Contamination present:		<input checked="" type="checkbox"/>	
Approval to backfill hole given	<input checked="" type="checkbox"/>		

Additional Comments:

INSPECTION: (In Place)

Tank(s) has been completely emptied			
Product pipe removed			
For flammable liquids, dry ice added (15 lbs. per 1,000 gallon volume)			
Soil sampled beneath tank			
Results of sample(s) Acceptable			
Backfill method approved			

Additional Comments:

Mark Hernandez  
 Analysts Signature

Geo. L. ...  
 Owner/Operator Signature

FRESNO COUNTY HEALTH DEPARTMENT  
UNDERGROUND TANK PROGRAM  
P. O. BOX 11867  
FRESNO, CA 93775

PERMIT TO PERMANENTLY  
ABANDON UNDERGROUND STORAGE TANK(S)

TYPE OF ABANDONMENT (Fill out one Application per Facility)

Abandon In Place  Abandon/Remove  Removal Date 11-9-87 10:00 AM APN 458-080-36  
Facility Name Byron Jackson Pump Co. I.D.# 57151  
Facility Address 2730 WEST WHITESBRIDE ROAD City FRESNO, CA  
Owner/Operator BOEK-WARNER INDUSTRIES Telephone (209) 264-5938  
Address 200 OCEAN GATE BLVD. City LONG BEACH, CA Zip 90801  
Tank Removal Contractor ALL ROMERIA TRENCHING CA License No. A-319642  
Address 1504 TOLL HOUSE ROAD, CLAYTON Zip 93612 Telephone 299-7229  
Tank Destination COMMERCIAL TANK SALES 3259 S. ELN FRESNO, CA.  
Final Tank Disposition DESTROY/SALVAGE  
Samples Taken By: \_\_\_\_\_ Firm: BSK  
Permit Approved By: J. Rivera Date: 11/6/87

Permit #	Size	Product	Age of Tank	Previously Stored Material
<u>543</u>	<u>550</u>	<u>GASOLINE</u>	<u>?</u>	<u>REGULAR GASOLINE</u>

CONDITIONS OF ABANDONMENT

- If the tanks are to be REMOVED FROM THE SITE, soil samples shall be obtained under the direction of an approved professional engineer, geologist, authorized representative of a California State approved by this office. Sample numbers, locations and consultant must be approved by this office prior to commencement.
- 48 Hour advance notice shall be given to Fresno County Environmental Health Officer prior to initiating excavation.
- All residual liquid, solids, or sludges shall be removed and the tank purged with dry ice at the rate of 15 lbs. per 1,000 gallon capacity prior to excavation.
- All associated piping shall be removed from the underground soil.
- This permit shall be onsite during excavation.
- This permit shall accompany the tank(s) to the final destination, shall be signed and dated by all parties listed below and returned to this office within five (5) days upon final destination.
- Permittee shall contact the local Fire Department prior to initiating abandonment procedures.
- If the tanks are to be ABANDONED IN PLACE and BACKFILLED, a written proposal for soil analysis shall be submitted to this office by a qualified soils consultant and the existence of the in place tank and fittings shall be recorded on the property deed using the enclosed form.

OWNER: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONTRACTOR: ALL ROMERIA TRENCHING [Signature] DATE: 11-6-87  
DESTINATION: \_\_\_\_\_ DATE: \_\_\_\_\_

FRESNO COUNTY DEPARTMENT OF HEALTH  
ENVIRONMENTAL HEALTH SYSTEM  
P.O. BOX 11867, FRESNO, CALIFORNIA 93775  
TELEPHONE (209) 445-3271

PERMIT TO PERFORM SUBSURFACE SITE ASSESSMENT

Date 7/7/87

Approved [Signature]

I.D. 87151 CT. \_\_\_\_\_

Fee \_\_\_\_\_

A. Permit to Perform Site Assessment of an Underground Storage Facility:

New  Existing

YOUR PROJECT NUMBER 8720050A

Site Address 2730 White's Bridge Ave City Fresno Zip \_\_\_\_\_

Facility Name BORG-WARNER - Byron Jackson Pump Div APN \_\_\_\_\_

Owner/Operator BORG-WARNER CORP Phone \_\_\_\_\_

Mailing Address 200 WACKER AVE City Chicago Zip \_\_\_\_\_

B. Contractor Information:

Company WOODWARD CLYDE CON Contact Person JON TUCK / MARIN ALEX POPOFF Phone 415-945-3000

Mailing Address 100 PRINGLE AVE City WALNUT CREEK Zip 94596

State Contractor License No. \_\_\_\_\_ Class \_\_\_\_\_

DESCRIBE TYPE OF WORK TO BE PERFORMED

Drill 10 borings, 5 to 50', 5 to 20', collect  
soil samples for analysis of volatile organics, and  
priority pollutant metals - part of a site investigation.  
One boring will be adjacent to underground tank.

I understand that any changes to the proposals, plans, design, materials or equipment, for which this permit is issued shall void it, unless prior approval has been obtained from this office. (Submit three (3) copies of Plans for review and approval.) Two working days (48 hours) advance notice required.

Signature & Title Marin Alex Popoff <sup>SENIOR STAFF</sup> HYDROGEOLOGIST Date 7/7/87

Print Name MARIN ALEX POPOFF (SITE MANAGER) Phone 415-945-3410

4890/vc  
4/87



Department of Health

~~XXXXXXXXXX~~  
Director

December 8, 1987

Marshall Turner  
RYAN JACKSON PUMPS  
2730 W. Whitesbridge  
Fresno, CA 93706

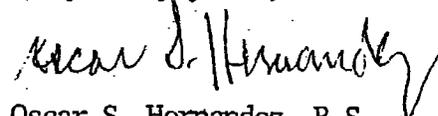
Subject: Tank Removal  
Site: 2730 W. Whitesbridge, Fresno  
APN: 458-080-35

The Fresno County Health Department has reviewed the report submitted for chemical soil analysis conducted at the above address.

We concur with the results and conclusions of this report based solely on its scope, procedures, and findings submitted by BSK & ASSOCIATES.

The excavation may now be properly backfilled.

Very truly yours,

  
Oscar S. Hernandez, R.S.  
Environmental Health Analyst

cc: Neil Heely  
All American Trenching  
P.O. Box 9004  
Fresno, CA 93790

OSH:emr

County of  
**FRESNO**  
Department of Health

Form

<b>RECEIPT</b>			<b>PAYMENT DATE</b>		
			1. MO.	DA.	YR.
			07/11/88		
<i>Misc Revenue - Copies</i>					
LAST NAME		FIRST NAME		MIDDLE INITIAL	
<i>Jayborn Water work</i>			4.	5.	
LAST NAME			FIRST NAME		MIDDLE INITIAL
					8591
1. MEDICARE		6.	7. YES	8.	
2. MEDICAL		51	NO	1395	
3. INSURANCE				1. CASH	
4. PRIVATE PAY				2. CHECK	
				3. MONEY ORD. /	
				9. 1. MAIL	
				2. PERSON	
				3. OTHER	
11. NUMBER		12. MONEY ORD. NO.		13. RECEIVED BY	
				<i>J.A. Gonzales</i>	
				14. 072212	
15. RECEIPT NO.					
235469					

## County of Fresno - HMBP Summary Report

### Business Information

Business Name: FRESNO TRACTOR  
 Facility ID: FA0170257  
 Address: 2730 W WHITESBRIDGE RD  
 FRESNO 93706

District / FMZ:

Email: rippingground@aol.com

Special Hazards:

Last Submission: 10/24/14 (ACCEPTED)

Last Approved: 10/24/14

Contacts	Name	Phone	Title
Operator	Bradley K Sparks	5592332174	
Owner	FRESNO TRACTOR INC	5592768698	
Environmental	mike ramirez	5599945052	
Primary Emergency	Bradley K Sparks	5592332174	President
	24 Hour Phone	5599995055	
Secondary Emergency	mike ramirez	5592332174	Plant Manager
	24 Hour Phone	5599945052	
Property Owner			

### Chemicals

CAS	Map Grid	EHS	Container Type	Phy	Max Dly	Larg Cont	Units
Used Oil Filters							
		N	Steel Drum	L	110.0	55.0	Gallons
Haz Classes: Flammable Liquid, Class I-A (3.3 I-A)							
Location: Wash rack area							
Used Antifreeze							
		N	Above Ground Tank	L	200.0	200.0	Gallons
Haz Classes: Corrosive (CORR), Toxic (Tox)							
Location: Wash rack area							
Used Oil							
		N	Above Ground Tank	L	500.0	500.0	Gallons
Haz Classes: Combustible Liquid, Class II (1.1 II)							
Location: Wash rack area							
Solvent							
		N	Steel Drum	L	55.0	55.0	Gallons
Haz Classes: Flammable Liquid, Class I-A (3.3 I-A), Toxic (Tox)							
Location: Wash rack area							

Hydraulic Oil	N	Above Ground Tank	L	150.0	150.0	Gallons
Haz Classes: Flammable Liquid, Class I-C (3.3 I-C) Location: Northeast of shop						
Red Diesel	N	Above Ground Tank	L	1000.0	1000.0	Gallons
Haz Classes: Combustible Liquid, Class II (1.1 II) Location: Northeast of shop						
argon	N	Cylinder	G	1128.0	282.0	Cubic Feet
Haz Classes: Compressed Gas (CGas) Location: Welding shop						
oxygen	N	Cylinder	G	2000.0	200.0	Cubic Feet
Haz Classes: Compressed Gas (CGas), Flammable Gas (3.2) Location: welding shop						
acetylene 74-86-2	N	Cylinder	G	1450.0	145.0	Cubic Feet
Haz Classes: Compressed Gas (CGas), Flammable Gas (3.2) Location: welding shop						
automotive batteries	N	Box	S	1.0	4.4	Pounds
Haz Classes: Corrosive (CORR) Location: 2730 w whitesbridge rd fresno ca 93706						
anti freeze	N	Above Ground Tank	S	400.0	200.0	Gallons
Haz Classes: Toxic (Tox) Location: Wash rack area						
motor oil	N	Above Ground Tank	L	300.0	150.0	Gallons
Haz Classes: Combustible Liquid, Class III-B Location: Northeast of shop						
propane	N	Above Ground Tank	G	300.0	300.0	Gallons
Haz Classes: Flammable Liquefied Gas (3.2I) Location: Northeast of shop						
gasoline	N	Above Ground Tank	L	500.0	500.0	Gallons

Haz Classes: Carcinogen (CARC), Flammable Liquid, Class I-A (3.3 I-A)

Location: Northeast of shop

---

Clear diesel

N	Above Ground Tank	L	1000.0	1000.0	Gallons
---	----------------------	---	--------	--------	---------

Haz Classes: Combustible Liquid, Class II (1.1 II)

Location: Northeast of shop

---

## Emergency Procedures

### Prevention

Hazardous materials are stored in their original containers. The containers are labeled with the contents clearly identified. If materials are transferred into other containers, the receiving container will be labeled. Hazardous materials are handled in such a manner as to minimize the amount on site at any one time. Hazardous materials are stored so as to prevent damage to the containers from vehicle traffic, equipment, etc. Compressed (i.e. welding) gases are stored in an upright position and properly secured/chained. The shipping bonnet should remain in place until ready for use. Empty and full cylinders are separated and labeled accordingly ("FULL" and "EMPTY"). Current copies of the Material Safety Data Sheets are maintained on-site and available for reference by employees and used during an emergency.

### Storage and Handling of Hazardous Wastes

Waste oil is stored in no more than four 55-gallon drums or other appropriate covered container(s). Each container is labeled with a weatherproof label containing the following information:

#### Hazardous Waste

##### Used Oil

Generators Name (Business Name)

Generators Address

Generators Phone number

Beginning date of accumulation

Waste oil is stored to prevent spilling or spreading and to prevent rainwater from entering the container. A secondary containment system can be provided around the primary container for added spill prevention. Waste oil is accumulated for 90 days and no longer than 180 days. If less than 100 kg (approx. 27 gallons) is generated in one calendar month, the 90 day time-frame starts once the 27 gallons has accumulated. If generating between 100kg/month and 1000kg/month, and never above 6000kg/month on site, both time frames begin from the first drop of accumulation.

The moment a container is emptied, the date shall be marked on the container with weatherproof ink. Containers previously used to store hazardous materials shall be properly recycled or disposed of within one year of being emptied. Containers of five gallon capacity or smaller may be crushed and disposed of as solid waste. Containers larger than a five gallon capacity shall be recycled or reconditioned.

All records pertaining to the disposal and/or recycling of hazardous wastes shall be maintained and available on site for at least three years.

### Mitigation

Emergency actions: In the event of a large spill the following actions shall be taken: turn power off at electrical panel, if it is safe to do so. Evacuate all employees and customers to the staging area indicated on the facility map. Identify location of storm drain and block it with designated equipment. Emergency coordinator (predetermined employee) shall meet with responding agencies.

Consult/review the Material Safety Data Sheet (MSDS) to evaluate possible cleanup options and necessary safety equipment. Small spills: in the event of a small spill the following actions shall be taken: notify the Environmental Health Division ((559)600-3271) if the spill runs off the immediate storage area. Contain spill and secure the area so that no one walks over the spill. This can be accomplished using absorbent material, or other cleanup material, and high visibility cones or hazard tape. Eliminate any potential ignition sources such as automobiles and cigarettes.

### Abatement

Clean up the contaminated absorbent and place it in the appropriately labeled container or call a clean-up contractor to clean up the spill. The label must include the facility's name and address, contents of the container and the date the material was placed in the container. Arrange for proper disposal of the absorbent : All Valley Disposal 559-277-1009. Spill kit: A kit for cleaning up a small spill shall contain at least the following items: Bag(s) of absorbent as well as absorbent pads or coils; a drum or other suitable container for the storage of used absorbent; a flathead shovel, broom and dustpan; high visibility cones and hazard tape; gloves, coveralls, safety glasses or goggles and protective boots.

Evacuation\nEmployees will be notified by a verbal announcement to evacuate the premises. All employees and customers will proceed to the staging area indicated on the facility map. A head-count of the employees will be conducted by the supervising manager.

### Facility Maps

# PRELIMINARY ENDANGERMENT ASSESSMENT REPORT

*Westside Auto Dismantling  
2640 West Whitesbridge Avenue  
Fresno, California*

April 18, 2006

Prepared for:

California Department of Transportation  
Office of Environmental Engineering, District 6  
2015 East Shields Avenue  
Fresno, California 93726

Prepared by:



**Shaw**™ Shaw Environmental, Inc.  
1326 North Market Boulevard  
Sacramento, California 95834-1912

*Task Order No.: 16  
Contract No.: 06A0752  
Project No. 117534*

## Table of Contents

---

List of Figures .....	v
List of Tables .....	v
List of Appendices.....	v
List of Acronyms .....	vi
Executive Summary .....	1
1.0 Introduction .....	1-1
2.0 Site Description .....	2-1
2.1 Site Identification .....	2-1
2.1.1 Site Name .....	2-1
2.1.2 Contact Person(s).....	2-1
2.1.3 Site Address .....	2-1
2.1.4 Mailing Address and Phone Number .....	2-1
2.1.5 USEPA Identification Number.....	2-1
2.1.6 Site Mitigation and Brownfields Reuse Program Database Number .....	2-1
2.1.7 Assessor Parcel Numbers and Maps.....	2-1
2.1.8 Township, Range, and Meridian .....	2-2
2.1.9 Land Use .....	2-2
2.2 Site Maps.....	2-2
2.2.1 Project Description.....	2-2
3.0 Background.....	3-1
3.1 Site Status/Historical Site Information.....	3-1
3.1.1 Current Business Type/Land Use .....	3-1
3.1.2 Prior Land Use.....	3-1
3.1.3 Property Owners.....	3-1
3.1.4 Surrounding Land Use.....	3-1
3.2 Hazardous Substance/Waste Management Information.....	3-2
3.2.1 Business/Manufacturing Activities .....	3-2
3.2.2 On-Site Storage, Treatment, and Disposal .....	3-2
3.2.3 Regulatory Status .....	3-2
3.2.4 Inspection Results .....	3-2
3.2.5 Prior Assessments/Remediation.....	3-2
4.0 Apparent Problem .....	4-1
4.1 Potential Sources of Contamination.....	4-1
4.2 Contaminants of Concern .....	4-1
4.3 Human and Environmental Resources of Concern.....	4-1
4.4 Exposure Pathways .....	4-2
5.0 Environmental Setting .....	5-1
5.1 Factors Related to Soil Pathways .....	5-1
5.1.1 Site Topography, Slope, and Drainage.....	5-1
5.1.2 Predominant Soil Groups at the Site.....	5-1

	5.1.3	Site Accessibility and Measures to Prevent Direct Contact with Soil .....	5-1
	5.1.4	Distance and Location of Nearest Potentially Affected Sensitive Receptor Populations.....	5-1
5.2		Factors Related to Water Pathway .....	5-2
	5.2.1	Site Hydrogeology .....	5-2
	5.2.2	Contaminated or Potentially Contaminated Aquifers .....	5-2
	5.2.3	Water Well Information Within 1-Mile Radius of the Site .....	5-2
	5.2.4	Possible Migration Routes via Surface Water Runoff or Flooding .....	5-3
	5.2.5	Locations and Uses of Surface Waters and Critical Habitats Potentially Affected ...	5-3
	5.2.6	Past or Existing Measures for Preventing Migration of Surface Water Runoff .....	5-3
	5.2.7	Slope Between Site and Surface Water.....	5-3
5.3		Factors Related to Air Pathways.....	5-3
	5.3.1	Known or Potential Sources and Mechanism for the Release .....	5-3
	5.3.2	Daily Prevailing Wind Direction and Daily Average Velocity .....	5-3
	5.3.3	Timing of the Release or Threatened Release .....	5-3
	5.3.4	Possible Dispersion Routes for a Release or Threatened Release .....	5-3
	5.3.5	Approximate Population Possibly Affected by a Release or Threatened Release ...	5-4
	5.3.6	Location and Distance to Areas Impacted by a Release or Threatened Release ...	5-4
6.0		Sampling Activities and Results .....	6-1
	6.1	Sampling Activities.....	6-1
	6.2	Laboratory Analyses .....	6-3
	6.3	Analytical Results .....	6-3
	6.3.1	Lead Results.....	6-4
	6.3.2	TPH-Gasoline Results .....	6-5
	6.3.3	BTEX Results .....	6-5
	6.3.4	Oil & Grease Results .....	6-5
	6.3.5	pH Results .....	6-5
	6.4	Discussion .....	6-5
7.0		Human Health Screening Evaluation .....	7-1
	7.1	Exposure Pathways and Media of Concern.....	7-2
	7.2	Exposure Concentrations and Chemicals.....	7-3
	7.2.1	Organic Chemicals .....	7-3
	7.2.2	TPH-G and O&G.....	7-3
	7.2.3	Inorganic Chemicals and Background Evaluations.....	7-4
	7.3	Toxicity Values.....	7-4
	7.4	Risk Characterization.....	7-5
8.0		Ecological Risk Screening.....	8-1
9.0		Community Profile and Public Participation.....	9-1
	9.1	Public Participation .....	9-1
	9.2	Community Profile .....	9-1
10.0		Conclusions and Recommendations.....	10-1
	10.1	Hazardous Substance Release .....	10-1
	10.2	Potential Threats to Public Health or the Environment .....	10-1
	10.3	Recommendations.....	10-1
11.0		References.....	11-1

## **List of Figures**

---

- Figure 1 Site Vicinity Map  
Figure 2 Boring Location Map

## **List of Tables**

---

- Table 1 Summary of 2002 and 2005 Site Investigation Results  
Table 2 Chemicals of Potential Concern  
Table 3 Noncarcinogenic Health Hazard Assessment for Soil  
Table 4 Lead Spread Model – Maximum Detected Concentrations  
Table 5 Lead Spread Model – Reasonable Maximum Exposure Case (95<sup>th</sup> UCL Concentration)

## **List of Appendices**

---

- Appendix A Maps for Historical Sampling at Westside Auto Dismantling Site  
Appendix B Shaw 2005 Work Plan  
Appendix C Certified Analytical Reports and Chain-of-Custody Documents  
Appendix D Input and Output for 95<sup>th</sup> Upper Confidence Limit Calculations

## List of Acronyms

---

APN	Assessor's Parcel Number
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
Caltrans	California Department of Transportation
CFR	Code of Federal Regulations
COPC	chemical(s) of potential concern
CREL	Chronic Reference Exposure Level
DI-WET	deionized water Waste Extraction Test
DTSC	[California EPA] Department of Toxic Substances Control
DWR	[California] Department of Water Resources
ESL	environmental screening level
ft	foot; feet
µg/dL	microgram per deciliter
m	meter
mg/kg	milligram per kilogram
mg/L	milligram per liter
MTBE	methyl tert-butyl ether
O&G	oil and grease
OEHHA	[California] Office of Environmental Health Hazard Assessment
PEA	Preliminary Endangerment Assessment
PSI	preliminary site investigation
PSII	Professional Service Industries, Inc.
QA	quality assurance
QC	quality control
RfD	Reference doses
RME	reasonable maximum exposure
Shaw	Shaw Environmental, Inc.
SR	State Route
STLC	soluble threshold limit concentration
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbons
TPH-G	total petroleum hydrocarbons as gasoline
UCL	upper confidence limit
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UTM	universal transverse mercator
WET	Waste Extraction Test

## ***Executive Summary***

---

Shaw Environmental, Inc. (Shaw) completed this Preliminary Endangerment Assessment (PEA) for the proposed improvement work by the California Department of Transportation (Caltrans) to realign an existing two-lane highway to the north of State Route (SR) 180 in Fresno County, California. The project area consists of approximately 4 acres in the northern portion of the 9.5 acre Westside Auto Dismantler facility parcel (that is, approximately 40 percent of the Westside facility). It is located 700 feet (ft) north of Whitesbridge Avenue and 350 ft east of Marks Avenue. On October 18 and 19, 2005, soil samples were collected from 13 locations; six shallow soil borings were sampled at 0 (surface), 1, and 2 ft below ground surface (bgs), four shallow soil borings were sampled at 0, 1, 2, 3, 4, and 5 ft bgs, and three deep soil borings were sampled at 0, 1, 2, 3, 4, 5, 10, 11, 15, and 20 ft bgs. The analysis program was as follows:

- 24 randomly selected samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX) using United States Environmental Protection Agency (USEPA) Method 8260B.
- A total of 40 samples, all surface, 1-ft bgs, 5-ft bgs, 10-ft bgs, and 20-ft bgs samples, were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) using USEPA Method 8015B(M).
- A total of 27 samples, all surface, 1-ft bgs, and visually stained soil samples, were analyzed for oil and grease (O&G) using USEPA Method 1664.
- A total of 61 samples, were analyzed for total lead using USEPA method 6010B.
- 5 randomly selected samples were analyzed for pH using USEPA method 9045C.

This data set was combined with data from 7 boring locations (B01 to B07) in the northern portion of the site from the 2002 Preliminary Site Investigation. From the combined dataset, the following chemicals were detected and selected as chemicals of potential concern (COPC): lead, ethylene glycol, toluene, and xylenes. In addition, O&G is considered a chemical of interest because concentrations of O&G ranged from below detection (less than 100 milligrams per kilogram [mg/kg]) to 110,000 mg/kg. The potential health risks for the COPC were evaluated using PEA Manual algorithms that are based on a residential land use. Soil ingestion, dermal contact with soil, and inhalation of soil particles were considered the complete soil exposure pathways. Based on the maximum detected concentration of each soil COPC, the non-carcinogenic health hazard index was 0.0003, which suggests that adverse systemic health effects are not of concern. No cancer risk was estimated since none of the COPCs is evaluated as a carcinogen.

Lead was also evaluated using the California Environmental Protection Agency Department of Toxic Substances Control (DTSC) LeadSpread model: the predicted blood level levels for a child were 26.1  $\mu\text{g}/\text{dL}$  and 5.9  $\mu\text{g}/\text{dL}$ , based on the maximum concentration and the 95<sup>th</sup> upper confidence limit (UCL), respectively. The predicted blood lead levels for occupational adults were 4.4  $\mu\text{g}/\text{dL}$  and 3.7  $\mu\text{g}/\text{dL}$ , based on the maximum concentration and the 95<sup>th</sup> UCL, respectively.

Based on the proposed use of the site as a transportation corridor, it was concluded that although lead is a potential concern for residential land uses, the Site does not pose a risk for adult workers conducting the construction and maintenance of the highway. No Further Investigation is recommended for this site for the purposes of determining risk management decisions.

## 1.0 Introduction

---

This Preliminary Endangerment Assessment (PEA) report has been prepared by Shaw Environmental, Inc. (Shaw) and presents the information requested by the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) for the California Department of Transportation (Caltrans). Caltrans is proposing improvement work to realign an existing two-lane highway to the north of State Route (SR) 180 in Fresno County, including the northern portion of the Westside Auto Dismantler facility (Site) (Figure 1). The Site is located at 2640 Whitesbridge Avenue in the City of Fresno between Marks Avenue and Hughes Avenue. The Project Area consists of approximately 4 acres, in the northern portion of the 9.5-acre Westside Auto Dismantler parcel that will be taken for construction purposes by Caltrans. The Site is identified by Fresno County as Assessor Parcel Number (APN) 458-080-03. It is located 700 feet (ft) north of Whitesbridge Avenue and 350 ft east of the Marks Avenue. The Project Area has been used for auto dismantling operations. Lead, oil and grease (O&G), total petroleum hydrocarbons as gasoline (TPH-G), and benzene, toluene, ethylbenzene, and total xylenes (BTEX) were considered as potential hazards for this Site.

This PEA was performed in accordance with *Preliminary Endangerment Assessment Guidance Manual* (DTSC, 1999).

The PEA is designed by the DTSC as a standard approach to provide basic information for determining whether current or past waste management practices have resulted in a release or threatened release of hazardous substances that pose a threat to public health or the environment. The remainder of this PEA is organized into the following sections:

Section 2.0, Site Description – includes information that identifies the physical setting of the Site in relation to the surrounding area.

Section 3.0, Background – refers to the information gathered during the preliminary review in preparation for the PEA regarding Site status and history.

Section 4.0, Apparent Problem – summarizes the available information regarding known or potential sources of contamination, which constitute the primary reason for investigation at the Site.

Section 5.0, Environmental Setting – identifies the Site environmental conditions that would influence the transport of contaminants to exposed individuals or environmental receptors.

Section 6.0, Sampling Activities and Results – refers to the results of the sampling activities performed as part of this PEA.

Section 7.0, Human Health Screening Evaluation – introduces the components of the human health screening evaluation, describes the primary purpose of each component, and presents the results of human health risk assessments.

Section 8.0, Ecological Risk Screening – is a qualitative description of the potential risk to non-human receptors.

Section 9.0, Community Profile and Public Participation

Section 10.0, Conclusions and Recommendations – discusses conclusions of the PEA Report and presents recommendations regarding the need for further action at the Site.

Section 11.0, References – presents a listing of documents that are cited in this report.

## **2.0 Site Description**

---

The Site is located at 2640 Whitesbridge Avenue in the City of Fresno, California between Marks Avenue and Hughes Avenue. The Project Area is approximately 4 acres and falls within the northern portion of the Westside Auto Dismantler facility, it is approximately 40 percent of the 9.5-acre parcel that will be taken for construction purposes by Caltrans (Figure 1).

### **2.1 Site Identification**

#### **2.1.1 Site Name**

Westside Auto Dismantler facility

#### **2.1.2 Contact Person(s)**

The contact for Caltrans is Mr. David Troop, Task Order Manager, Caltrans.

#### **2.1.3 Site Address**

The Site address is 2640 Whitesbridge Avenue, Fresno, California, 93706

#### **2.1.4 Mailing Address and Phone Number**

Correspondence for this Site can be mailed to Caltrans:

Mr. David Troop  
California Department of Transportation  
Office of Environmental Engineering, District 6  
2015 East Shields Avenue, Suite 100  
Fresno, California 93726

#### **2.1.5 USEPA Identification Number**

The Site United States Environmental Protection Agency (USEPA) identification number is CAC002577971.

#### **2.1.6 Site Mitigation and Brownfields Reuse Program Database Number**

Not Applicable.

#### **2.1.7 Assessor Parcel Numbers and Maps**

The Site APN is 458-080-03.

### **2.1.8 Township, Range, and Meridian**

This Site is located in Section 6, Township 14 south, Range 20 east, of the Mount Diablo base and meridian, at latitude 36.73868°N and longitude 119.84157°W, and at universal transverse mercator (UTM) coordinates UTM zone 10 (X,Y) 652196, 4212525; on the Fresno South 7.5 minute Quadrangle-United States Geologic Survey (USGS) Topographical Quadrangle (1963, photo revised 1981).

### **2.1.9 Land Use**

The Project Area lies within the northern portion of the Westside Auto Dismantling facility and is approximately 4 acres of the 9.5 acre parcel. The Project Area is currently used for auto dismantling operations. As of October 2005, there is no structure on the northern portion of the property since this portion of the site has been used as a vehicle storage area. During the Preliminary Site Investigation (PSI), performed by Professional Service Industries, Inc (PSII) in 2002, a considerable volume of dismantled vehicles was being stored on the site. On October 18 and 19, 2005, the dates of the PEA field sampling, a similar amount of vehicles was present.

## **2.2 Site Maps**

See Figure 1 for a regional site location map. Figure 2 is a site map and also shows the sampling locations.

### **2.2.1 Project Description**

The proposed project is for improvement work to realign an existing two-lane highway to the north of SR 180 in Fresno County, including the northern portion of the Site. Typical development plans include the following activities:

- Clearing and grubbing of the Site;
- Grading of the surface;
- Construction of freeway structures; and
- Landscaping.

## **3.0 Background**

---

This section includes information regarding current and past activities at the Site.

The 4-acre parcel is a rectangular shape and is part of the proposed improvement work to realign an existing two-lane highway to the north of SR 180 in Fresno County.

### **3.1 Site Status/Historical Site Information**

#### **3.1.1 Current Business Type/Land Use**

The Site is currently used for auto dismantling operations.

#### **3.1.2 Prior Land Use**

The site was used for agricultural purposes until the late 1960s, when it was then changed to light industrial purposes.

#### **3.1.3 Property Owners**

The site is currently owned by the Westside Auto Dismantlers.

#### **3.1.4 Surrounding Land Use**

The proposed work site (Figure 2) and surrounding area are located in the City of Fresno, California. The subject property is situated in a mixed-use industrial area that has been proposed for improvement work to realign an existing two-lane highway to the north of SR 180 in Fresno County.

The land use(s) in the adjoining properties are as follows:

- North –Fallow agricultural land and mixed-use industrial area.
- South –New golf course in construction and a new residential development; previously the site was a former Fresno Drum Superfund site.
- East – Fallow agricultural land, mixed-use industrial area, beyond which is a school and residential area.
- West – Fallow agricultural land, beyond which are active agricultural fields.

There is an irrigation ditch west of the site.

## **3.2 Hazardous Substance/Waste Management Information**

The following information regarding hazardous substance/waste management is for all current operations on the Site.

### **3.2.1 Business/Manufacturing Activities**

The Site is an active auto dismantling facility. Dismantling processes are known to have been conducted at the Site.

### **3.2.2 On-Site Storage, Treatment, and Disposal**

According to the records search, wastes and materials present at the Site include used motor oil, gasoline, and other automotive fluids that were collected from dismantled vehicles stored on-site.

### **3.2.3 Regulatory Status**

A PSI prepared in 2002 (PSII, 2002), identified the past and current uses of the site for auto storage and dismantling and potential discharge of vehicle fluids as Recognized Environmental Conditions. The 2002 PSI showed the soil contains elevated concentrations of O&G in surface and shallow soils. Low concentrations of TPH-G, BTEX, and methyl tert-butyl ether (MTBE) that may pose a threat to human health and the environment were also detected. Most of the detected concentrations from the 2002 investigation were found on the portion of Westside Auto Dismantling site that is not being acquired by Caltrans and are not part of this PEA evaluation. As a result, the DTSC required that a PEA be performed on the Site.

### **3.2.4 Inspection Results**

There was evidence of waste storage on-site. There were no aboveground and/or underground storage tanks observed during Site PEA activities. There are no buildings or other structures on the project site that would have been used historically as storage areas.

### **3.2.5 Prior Assessments/Remediation**

Three investigations have been conducted at the site since 1989. Each of the investigations shown below encompassed the entire 9.5 acre parcel.

- October 1989 and February 1990 -Strata Technologies, Inc conducted a soil investigation for automotive chemicals
- January 2002 PSII conducted a lead and hydrocarbon survey

The results of the Strata investigation were not representative of current (October 2005) conditions, due to the 15 to 16 years of automotive activities (i.e., suspected sources) conducted on the site since these investigations were completed.

In January 2002, PSII conducted a *Lead and Hydrocarbon Contamination Survey* of the Westside Auto Dismantlers site. The results from soil borings B01 to B07 of the PSII investigation have been summarized in Table 1; and have been used as part of the data set to define the chemical nature and extent of the impacted soil. (The results for PSII borings B08 to B15 were not used since they are not located on the portion of the West Side Auto Dismantlers site that is being acquired by Caltrans.)

PSII sampled 15 hand auger soil borings locations (B01 through B15). Soil samples were collected at the surface and 0.3 meters (m) bgs at each boring location. Figures A-1 and A-2 in Appendix A show the locations of the soil samples. A total of thirty soil samples were collected and submitted to Twining Laboratories, Inc., a state facility California Department of Health Services accredited laboratory, for analysis of TPH-G, O&G, BTEX, total lead, MTBE, and ethylene glycol. Three of the soil samples (B02-0.0', B09-1.0' and B15 0.0') were also analyzed for pH. The soil results that are applicable to the Caltrans area (from Boring B01 to B07) are summarized as follows:

- TPH-G was not detected above laboratory detection limits.
- MTBE and BTEX were not detected.
- O&G was detected in 7 of 14 samples at concentrations ranging from 130 milligrams per kilogram (mg/kg) to 110,000 mg/kg.
- Ethylene glycol was detected in one of the two soil samples analyzed for this chemical at a concentration of 42 mg/kg.
- Lead was detected in all samples at concentrations that ranged from 1.4 mg/kg to 2,300 mg/kg.

PSII (2002) concluded that the lateral and vertical extent of the contamination had not been clearly determined. They recommended additional sampling in a statistical grid pattern across the entire project site (PSII, 2002). The Shaw 2005 investigation was conducted to fill the data gaps in the PSII data set for the acreage being acquired by Caltrans.

## **4.0 Apparent Problem**

---

This section summarizes available information regarding potential sources of contamination at the Site.

### **4.1 Potential Sources of Contamination**

The PSI report from 2002 and the Site Investigation Report conducted in November 2005 indicate that the Site was used for the dismantling and storage of used vehicles. The PSI identified evidence of the release of hazardous substances

### **4.2 Contaminants of Concern**

The history of the Site suggests the presence and concentrations of lead and TPH in the soil within the northern portion of the proposed project site. The previous soil investigation conducted at the Site in 2002 identified elevated concentrations of lead, O&G, TPH-G, MTBE, and BTEX in soil samples collected at depths up to 0.6 m (2 ft) bgs (Caltrans, 2005). The previous investigation encompassed soil sampling of the entire Site; however, analytical results indicate that contaminant impacts are limited to the surface area in the northern portion of the parcel. Based on this information, the potential on-site sources of hazardous materials consist of:

- O&G and TPH-G present in the soil due to leaks from autos stored on the site, and
- Heavy metals associated with stored vehicles.

Chemicals that may be associated with the potential on-site sources include lead, BTEX, and other petroleum hydrocarbons, based on their persistence in the environment. These chemicals of concern, if present, would be expected to be present at the surface or at shallow depths. This is based on their general low mobility in soil.

### **4.3 Human and Environmental Resources of Concern**

The Site is surrounded by a mixed use industry, agricultural properties and residential areas. For the purposes of this PEA, on-site residential children and adults are considered receptors of concern. A biological survey of the site was not done as part of the previous investigation or this investigation. However, based on the level of disturbance in the past and ongoing industrial and construction activities, the likelihood of significant terrestrial ecological receptors at the site is low. The potential to impact aquatic resources is also minimal. The surface water nearest the site (based on topographic maps) include a pond to the south (along Whitesbridge Road);

Houghton Canal that is approximately 0.5 mile to the north, and Dry Creek that is approximately 0.5 miles to the south.

#### **4.4 Exposure Pathways**

Chemicals that may be associated with the potential industrial chemical sources include lead, O&G, TPH-G, and BTEX, based on their persistence in the environment. These chemicals, if present, would be expected to be present in the soil at the surface to shallow depths (i.e., less than 3 ft). This is based on their general low mobility within soil and the typical depths of soil tilling.

There is no reason to suspect that groundwater has been impacted by on-site activities based on the distributions noted. That is, the highest concentrations are found in the surface samples and then drop quickly in the 1-ft samples.

Potential routes for migration of the petroleum chemicals of concern include migration within the vadose zone via transitory water and transportation by surface water during precipitation events. Additionally, chemicals of concern adhering to fine-grained sediment may be dispersed from surface sources by wind.

The potentially completed exposure pathways are soil ingestion, dermal contact, and inhalation of soil particles. Although some of the suspected chemicals of interest are sufficiently volatile to result in an indoor air exposure pathway, this pathway has not been quantified based on the current use (i.e., open air automobile storage) and planned future use (part of the State highway system). Neither of these land uses is consistent with a structure that would be continuously occupied and where volatile organic chemicals could infiltrate into the indoor air.

## **5.0 Environmental Setting**

---

This section provides information regarding the Site environmental setting and potential pathways for migration of chemical constituents. The migration pathways considered are soil, water, and air.

### **5.1 Factors Related to Soil Pathways**

There is visible, olfactory, or historical evidence of a chemical release at this Site, such as stained soil but not including stressed vegetation, or reports of dead or ill wildlife.

#### **5.1.1 Site Topography, Slope, and Drainage**

The surface elevation of the project site ranges from approximately 275 to 280 ft above mean sea level and has a very slight gradient down to the south (Figure 1). Water would primarily infiltrate rather than drain; however, under existing conditions, any run-off is likely to discharge to local stormwater collection ditches associated with roads rather than natural surface water.

#### **5.1.2 Predominant Soil Groups at the Site**

Based on U.S. Soil Conservation Service data, three soil series may be encountered at the site: Greenfield, Hanford, and Atwater. The general characteristics of these soil series are very deep, well drained soils that formed in moderately coarse and coarse textured alluvium derived from granitic and mixed rock sources. The site-specific soils encountered are described in Section 5.2.1.

#### **5.1.3 Site Accessibility and Measures to Prevent Direct Contact with Soil**

As of October 2005, there are fences to restrict general public and trespasser access; however current employees may still access the areas of interest at this site. There is no pavement at the site and no measures have been taken to prevent direct contact with the soil.

#### **5.1.4 Distance and Location of Nearest Potentially Affected Sensitive Receptor Populations**

Residential Area:	Juvenile Child Rehabilitation Center south east of the site one-third of a mile away. The nearest residences, currently under construction, are directly south of the Site.
School:	Kelso Village School is located east within 1 mile of the site.
Business:	Fresno Tractor is located in the adjacent to the property to west and the Fresno Auto Auction is located adjacent to the property to the north.

Day Care:	No day care facilities were located within 1 mlie of the site.
Hospital:	Fresno Community Hospital and Medical Center is located approximately 5.0 miles east of the site.
Nursing Home:	No nursing homes were located within 1 mile of the site.
Senior Citizens:	No senior citizens facility was located within 1 mile of the site.

## **5.2 Factors Related to Water Pathway**

The mean annual precipitation is about 15 inches and the mean annual air temperature is about 62 degrees Fahrenheit (USGS, 2003).

### **5.2.1 Site Hydrogeology**

The site lies within the Kings Groundwater Basin (California Department of Water Resources [DWR], October 1995). This basin consists of unconsolidated continental deposits. These deposits are an older series of Tertiary and Quaternary age overlain by a younger series of Quaternary age. The Quaternary age deposits are divided into older alluvium, lacustrine and marsh deposits, younger alluvium, and flood-basin deposits.

The older alluvium is an important aquifer in the subbasin. It consists of intercalated lenses of clay, silt, silty and sandy clay, clayey and silty sand, sand, gravel, cobbles, and boulders. It is generally fine grained near the trough of the valley. Lacustrine and marsh deposits are interbedded with older alluvium in the western portion of the subbasin. They contain silts and clays and restrict the vertical movement of water.

The continental deposits of Tertiary and Quaternary age crop out beneath the southeastern part of the area and yield small amounts of water to wells. The deposits of Quaternary age crop out over most of the area and yield more than 90 percent of the water pumped from wells. They are virtually impermeable and thus restrict the vertical movement of water. Depth to groundwater in the vicinity of the project site is estimated at 72 ft bgs based on recent measurements taken from groundwater monitoring wells at the corner of Hughes and Whitesbridge (Art's Mercantile, RWQCB).

### **5.2.2 Contaminated or Potentially Contaminated Aquifers**

There is no known or suspected aquifer contamination by chemical releases at the subject site.

### **5.2.3 Water Well Information Within 1-Mile Radius of the Site**

No drinking water well was identified within 1 mile of the site; however, there are agricultural wells.

#### **5.2.4 Possible Migration Routes via Surface Water Runoff or Flooding**

The Site topography is flat, with a gentle southeastward slope. Under these conditions, precipitation is anticipated to predominately infiltrate and any surface water runoff that is created is expected to be consistently toward the southeast.

#### **5.2.5 Locations and Uses of Surface Waters and Critical Habitats Potentially Affected**

There are no surface waters on the proposed subject site itself; however, there are several natural and man-made surface waters nearby. West Branch Victoria Canal, a channelized creek with a levee, occurs north of the site. Mortensen Ditch which is used to convey treated wastewater to the fields is west of the site. There are no critical habitats on or adjacent to the site.

#### **5.2.6 Past or Existing Measures for Preventing Migration of Surface Water Runoff**

Based on topography of the Site area, water is likely to flow to the southeast towards the lower elevation.

#### **5.2.7 Slope Between Site and Surface Water**

The Site is nearly flat, with a slight grade toward the southeast.

### **5.3 Factors Related to Air Pathways**

Factors that have potential for exposure of contaminants through wind dispersal or indoor air pathways are discussed in this section.

#### **5.3.1 Known or Potential Sources and Mechanism for the Release**

There are no known releases of hazardous substances into the atmosphere. There is potential for dispersal of Site soil by wind. Exposure to airborne soil during construction activities is possible.

#### **5.3.2 Daily Prevailing Wind Direction and Daily Average Velocity**

The predominant wind direction in the Fresno area is west and the average velocity is 7.4 miles per hour (Western Climate Research Center, 2005; <http://www.wrcc.dri.edu/cgi-bin/clilcd.pl?ca23237>).

#### **5.3.3 Timing of the Release or Threatened Release**

No known releases to the atmosphere have occurred during site operations.

#### **5.3.4 Possible Dispersion Routes for a Release or Threatened Release**

Wind could erode and disperse the surface soil.

**5.3.5 *Approximate Population Possibly Affected by a Release or Threatened Release***

Currently, there are no receptors directly south of the site; however, the area is being redeveloped as a residential neighborhood.

**5.3.6 *Location and Distance to Areas Impacted by a Release or Threatened Release***

Location and distances to nearest sensitive receptors are as listed in Section 5.1.4.

## **6.0 Sampling Activities and Results**

---

The subject property has historically been converted from agriculture to light industry sometime in the 1960's and is currently still being used as an auto dismantling facility. The primary suspected sources of chemicals are the auto storage, dismantling, and discharge of vehicle fluids. Consequently, the potential chemicals in the Site soil are lead, O&G, TPH-G, and BTEX. The following sections discuss the sampling activities carried out to identify chemicals that are present in soil and to determine the nature and extent of these chemicals in the soil.

The purpose of the sampling project was to conduct a systematic soil sample collection program over the portions of the Site that are presently proposed for realignment of SR 180. The investigation was designed to identify and characterize the concentration of lead, O&G, TPH-G, and BTEX in soil within the property, which may be present due to leaks from autos formerly stored on-site.

The objectives of this investigation were to assess the presence and concentration of chemicals of concern in soils to depths of up to 6.1 m (20 ft) bgs within the Site. To achieve the project objective, the following scope of work was conducted:

- Permitting and Mobilization
- Field Investigation
- Laboratory Analyses
- Screening Health Risk Assessment
- PEA Report Preparation.

### **6.1 Sampling Activities**

Soil sampling was performed on October 18 and 19, 2005. The sampling was conducted in accordance with the DTSC-approved Technical Memorandum (Shaw, 2005).

Soil samples were collected in accordance with the procedures described in the Work Plan (Appendix B). The locations for the 13 soil borings were selected following conversations with DTSC and a site visit with the Caltrans Project Manager summarized below:

- Certain borings locations were selected to fill data gaps from previous investigations to give full coverage of the entire project area.

- DTSC requested additional deionized water waste extraction tests (DI-WETs) to be analyzed, because not enough had been collected during the previous investigations. As an example, former PSII boring B01 in the northwest corner of the site had an elevated lead concentration in the 2002 investigation, yet soluble lead was not analyzed; therefore that location was sampled.
- Other soil samples were selected in areas with heavily stained soil, per DTSC direction.
- Some boring locations were selected based on previous data indicating elevated concentrations of heavy metals and TPH or in specific locations where processes took place (i.e. previous location of stored batteries) within the project boundaries traversing Westside Auto Dismantling.

The field work consisted of advancing thirteen soil borings at the locations shown in Figure 2 and collecting soil samples from designated depths in each boring. The samples were analyzed for one or more of the constituents of concern: lead, O&G, TPH-G, BTEX, and pH. Six borings (B1, B3, B5, B6, B7, and B8) were advanced to a total depth of 0.6 m (2.0 ft) bgs using a hand auger. Four borings (B2, B4, B9, and B12) were advanced to a total depth of 1.35 m (5.0 ft) bgs using a hand auger. Three borings (B10, B11, and B13) were advanced to a total depth of 6.1 m (20.0 ft) bgs using a direct push drill rig. One duplicate soil sample was taken for every ten samples taken (i.e., duplicate samples at a rate of 10% or more of total normal soil samples) for quality assurance/quality control (QA/QC).

All soil samples were labeled, packaged, and stored on ice in an insulated chest for transport under chain-of-custody manifest to the analytical laboratory. Chain-of custody procedures, including the use of chain-of-custody forms, were used to document sample handling and transport from the time of collection to delivery to the laboratory for analysis. The chain-of-custody forms and laboratory analytical reports are included in Appendix C.

All drilling and sampling equipment were decontaminated prior to use and between borings. One equipment rinse sample was collected on each field investigation day by pouring de-ionized water through the washed sampling equipment into laboratory-prepared containers.

Wash water generated during the field investigation was containerized on-site in one 208-liter (55-gallon) drum. Excess soil from the hand auger borings was used to backfill the borings. Excess soil cuttings from the direct push borings was containerized on-site in one 208-liter (55-gallon) drum.

## **6.2 Laboratory Analyses**

The soil samples were submitted to Sparger Technology, Inc., of Sacramento, California, a California-certified analytical laboratory. The analyses were conducted on a standard turnaround basis in general accordance with USEPA specified holding times. The analysis program was as follows:

- 24 randomly selected samples were analyzed for BTEX using USEPA Method 8260B.
- A total of 40 samples (all surface, 1-ft bgs, 5-ft bgs, 10-ft bgs, and 20-ft bgs samples) were analyzed for TPH-G using USEPA Method 8015B(M).
- A total of 27 samples (all surface, 1-ft bgs, and visually stained soil samples) were analyzed for O&G using USEPA Method 1664.
- A total of 61 samples, were analyzed for total lead using USEPA method 6010B
- 8 samples were evaluated for lead leachability using the Waste Extraction Test (WET); 6 of these 8 samples were also analyzed for leachable lead under neutral pH conditions using the Deionized WET test (DI-WET)
- 4 samples were evaluated for Federal hazardous waste classification based on lead using the Toxicity Characteristic Leaching Potential (TCLP) test
- 5 randomly selected samples were analyzed for pH using USEPA method 9045C

The equipment rinse sample collected on October 18 was analyzed for BTEX and lead, and the October 19 equipment rinse sample was analyzed for TPH-G and BTEX. There were no detections in either equipment rinse sample.

The QA data for soil samples (duplicate samples, equipment rinsate blank, Site soil matrix spikes and matrix spike duplicates, laboratory control samples, and analytical surrogates) indicated that the data are sufficient quality for risk management decision-making. No source of contamination from the sampling or analysis was identified and the analytical process was within acceptable and/or routinely achieved limits. Copies of certified analytical reports are presented in Appendix C.

## **6.3 Analytical Results**

The 2005 analytical results for lead, O&G, TPH-G, BTEX, O&G, and pH in the soil samples are described below. The 2005 analytical results for the soil samples are presented in Table 1. (The analytical results for the 2002 PSI have been summarized in Section 3.2.)

### 6.3.1 Lead Results

Lead was detected in 45 of the 61 soil samples at concentrations ranging from 1.1 mg/kg to 573 mg/kg<sup>1</sup>. There was no specific spatial pattern in the detections, however high lead levels were found in the same samples with high O&G results.

At the direction of CalTrans, soil samples that contained a total concentration of lead greater than 10-time the soluble threshold limit concentration (STLC) of 5 mg/L, that is samples that contained greater than 50 mg/kg, were analyzed for the leachable concentration of lead using the California Waste Extraction Test (WET). This test was done to evaluate if any soil either moved during construction or left in place could be classified as a Non-RCRA hazardous waste under California regulations (22 California Code of Regulations 66261). Eight samples were analyzed and the concentrations of soluble lead ranged from 0.67 mg/L to 33.6 mg/L (Table 1). Of the eight samples analyzed, six results exceeded the STLC of 5 mg/L. Of these eight samples, six were analyzed for leachable lead under the less acidic conditions of the deionized WET test (DI-WET). The results of the DI-WET suggest that the lead in the soil at the facility under conditions that might occur at the site (i.e, the pH is close to neutral) is limited: all the DI-WET results were less than 5 mg/kg and at least an order of magnitude less than the corresponding WET results (Table 1). Finally, soil samples that contained greater than 100 mg/kg (i.e, a value 20-times above the RCRA regulatory limit) were analyzed for soluble lead using the Toxicity Characteristic Leaching Potential (TCLP) test. The results are provided in Table 1. All the results were below the TCLP regulatory limit of 5 mg/L: they ranged from 0.692 mg/L to 4.78 mg/L. Consequently, any soils requiring disposal would not be classified as a RCRA hazardous waste and would not be subject to pre-treatment standards.

---

<sup>1</sup> To aid CalTrans in determining the appropriate method to manage waste soils generated during construction, leachable quantities of lead were evaluated for 8 samples using the Waste Extraction Test. These results are presented in Table 1, but since they have not been used in site characterization, they are not further evaluated in this report.

### **6.3.2 TPH-Gasoline Results**

TPH-G was detected in six of the 40 soil samples analyzed, with detections ranging from 0.9 to 23 mg/kg. The detections occurred in five surface soil samples and one 1.0-ft sample.

### **6.3.3 BTEX Results**

Two BTEX compounds, toluene and total xylenes, were detected in four of the 24 soil samples analyzed. Benzene and ethylbenzene were not detected in any samples. Toluene was reported in one surface soil sample (boring B11) at 3.3 mg/kg, and total xylenes were detected in three surface soil samples (B1, B5, B11) at 1.8, 3.0, and 2.2 mg/kg, respectively.

### **6.3.4 Oil & Grease Results**

O&G was detected in 12 of the 27 samples analyzed. The O&G concentrations ranged from 80 mg/kg to 7,220 mg/kg and occurred in nine surface soil samples and three samples from 1.0 ft bgs.

### **6.3.5 pH Results**

The pH of the soil ranged from 5.6 to 7.4 Standard Units.

## **6.4 Discussion**

The quality of the soil analytical data, based on the results for the QA/QC samples, is acceptable for making risk management decisions. All planned samples were collected and the analysis are of acceptable data quality. Consequently, the combined results from the PSI 2002 investigation and the 2005 PEA investigation are sufficient to define the nature and extent of the impacts on surface and near surface soils. The combined data set is considered sufficient to support for risk management decisions.

## 7.0 Human Health Screening Evaluation

---

Shaw has evaluated the potential health risks resulting from exposure to chemicals in the soil at the Site to assist risk managers in determining if there is a need for remedial actions. The goal of this assessment has been to determine if contact with chemicals could result in significantly elevated lifetime cancer risks or noncarcinogenic health effects, or both. The analytical chemistry data generated during the PEA field investigation are useable for characterizing potential risks since they were collected following standard field techniques under chain-of-custody procedures. Further, California-certified laboratories were used to conduct standard USEPA analytical methods to measure the concentrations of chemicals of potential concern.

Table 2 summarizes the analytical results for the COPCs for this Site. Tables 3, 4, and 5 present the risk characterization. The risk assessment involved screening all inorganic chemicals detected above ambient levels using the DTSC PEA algorithms (DTSC, 1999). Other chemicals considered COPCs are ethylene glycol, toluene, and xylenes. Benzene, ethylbenzene, and MTBE were not selected as COPCs since they were below detection in all samples. Although detected, TPH-G and O&G were not selected as COPCs since these are screening level measurements that indicated the presence of a hydrocarbon mixture. Thus, the toxicity, fate, and transport factors needed to conduct a risk assessment can not be assigned. However, for this assessment the detected levels have been compared with agency screening criteria to judge the potential significance of these results.

A health risk screening for the COPCs was conducted following DTSC PEA procedures for the human health evaluation. As stated by DTSC, the goal of the PEA screening process is to provide risk managers with an estimate of the potential chronic health hazards from chemicals at the Site. The results of a PEA evaluation are intended to be used to determine if further work is necessary. Due to the generic nature of the exposure assumptions incorporated into the PEA procedure, the results are not absolute estimates of the risk or hazards at a site. However, they are health-conservative estimates: that is, the results tend to over-estimate potential health hazards and cancer risks, rather than underestimate them. Consequently, if the PEA results suggest that cancer risks are at acceptable levels and non-carcinogenic health hazards are below levels of concern, no further risk analysis generally is warranted.

As conducted for the Site, the PEA health effects screening process has four major steps.

- Identification of receptors, exposure pathways, and media of concern, discussed in Section 7.1.

- Development of exposure concentrations and chemicals, including the selection of COPCs, discussed in Section 7.2.
- Identification of appropriate toxicity values, discussed in Section 7.3.
- Characterization of cancer risks and systemic toxicity hazards (using PEA summarized equations), as discussed in Section 7.4.

## **7.1 Exposure Pathways and Media of Concern**

This section presents the conceptual site model for the Site. A conceptual site model describes:

- The sources and nature of the anticipated chemicals of potential concern at the Site
- The characteristics of the Site that influence fate, transport, and exposures
- The potentially exposed people (also animals and plants, as discussed in Section 8.0)
- The potentially complete exposure pathways

The Site is located in a mixed-use industrial area that is proposed for improvement work to realign an existing two-lane highway to the north of SR 180. Potential sources for hazardous materials are the past and current industrial land use, the auto storage, dismantling, and discharge of vehicle fluids on the site. The chemicals detected at the Site are inorganics/metals in soils, organic compounds in soils, and low levels of extractable petroleum hydrocarbons.

The Site is planned for use as a roadway, realignment portion for State Route 180, in the foreseeable future. Based on this land use, the anticipated human receptors are adult construction and maintenance workers. However, for the purposes of this PEA, on-site residential children and adults are considered receptors of concern. The DTSC uses a residential land use scenario to evaluate plots with unrestricted land use. Consequently, the residential children and adults have been considered potential receptors for this Site.

For chemicals resulting from past and current industrial land use, the auto storage, dismantling, and discharge of vehicle fluids on the property, the potentially complete exposure pathways for both the hypothetical residential receptors are soil ingestion, dermal contact, and inhalation of soil particulates (dust). In the future, these pathways may be potentially complete where vegetation or engineered barriers are absent. Exposures via these pathways would be chronic. Indirect exposures to soil chemicals from ingesting homegrown vegetables, fruits, meat, milk, and/or eggs are incomplete pathways since the raising of the agricultural products in significant quantities is not consistent with use of the Site as a roadway.

The PEA algorithms were used to screen soil concentrations for potential health effects. These algorithms, based on residential land use, assume a person is exposed to chemicals in soil through the three potentially complete exposure pathways identified for this Site. Further, they incorporate standard, default assumptions to assess exposures. In particular, they assume that a person is exposed to the soil 350 days per year for 30 years and that this exposure period spans childhood through adulthood. This is a health-conservative approach for the planned future use of the site for transportation which would result in adult construction workers and maintenance workers being exposed for fewer days per year (250 or less) and shorter exposure duration (less than 1 year to 25 years).

## **7.2 Exposure Concentrations and Chemicals**

This section reviews the analytical results and the selection of COPCs. The criteria used to select the COPCs were frequency of detection for all chemicals, as well as background comparisons for inorganics/metals.

### **7.2.1 Organic Chemicals**

All organic chemicals that were detected at least once were retained as a COPC. Neither benzene nor xylenes were detected, so they were not included as COPCs.

The maximum detected concentration was used as the exposure point concentration.

### **7.2.2 TPH-G and O&G**

TPH-G and O&G were not selected as COPCs for the purposes of risk assessment. These are screening level measurements that indicate a range of hydrocarbons in specific size categories occurring at the site. The composition of TPH-G and O&G can vary from sample to sample at a single site. Due to this variability in composition, specific toxicity, fate, and transport characteristics needed for risk assessment cannot be identified. The elimination of TPH and O&G as COPCs does not create a substantial data gap in the risk assessment since the chemicals generally considered to have the greatest toxicity (BTEX and MTBE) in these hydrocarbon ranges have been addressed. Further, it should be noted that TPH-G and O&G are useful measures for assessing the distribution of chemicals and as qualitative indicators of environmental impacts.

For the purposes of putting the concentrations that were detected into perspective, the site levels have been compared to Environmental Screening Levels (ESLs) developed by the San Francisco Bay Regional Water Quality Control Board (2005). This board established criteria for residential soils of 100 mg/kg TPH-G, 100 mg/kg TPH middle distillates (i.e., the range for diesel) and 500 mg/kg TPH as residual (i.e., the range for motor oils and greases). For industrial soils, the

ESLs are 100 mg/kg TPH-G, 100 mg/kg TPH middle distillates, and 1,000 mg/kg TPH residual. The maximum concentration of TPH-G at the site is 23 mg/kg, and the maximum concentration of O&G (TPH residual) is 110,000 mg/kg. Based on the screening criteria, the concentrations of TPH-G are not of concern; however, there is some concern for exposures to O&G.

### **7.2.3 Inorganic Chemicals and Background Evaluations**

Table I summarizes the analytical results for inorganic chemicals/metals in soil samples. In the 2005 data set, lead was detected in 45 of the 61 soil samples analyzed. The lead may be present as a result of Site operations, naturally occurring soil chemicals, fugitive dust emissions from the former Fresno Drum Site, or emissions of the chemicals from non-Site activities (such as aerial deposition of lead from cars). The objective of this risk screening (and any subsequent remedial activities) is to address chemicals that may be at the Site because of historical Site operations. Lead was selected as a COPC using the DTSC guidance in a three-step procedure:

- First, the Site maximum concentration of lead was compared to the maximum concentration among the ambient samples collected for the roadway, realigning a portion of State Route 180 Site. Since the site maximum concentration was greater than the background maximum concentration, lead was not eliminated from consideration as a chemical of potential concern
- Second, the average concentrations for the Site and the background were compared. Since the Site average concentration was above the background average concentration (i.e., two fold or more), lead was not eliminated as a COPC.
- Third, since the site maximum of lead was greater than the background maximum but the site and background soil concentrations were similar, the site maximum concentration was compared to the health-based screening number for estimating cleanup costs for contaminated soil (California Office of Environmental Health Hazard Assessment [OEHHA], 2004). The maximum concentration was greater than this health based criterion, consequently, it was not eliminated as a COPC.

## **7.3 Toxicity Values**

The dose-response relationship assessment characterizes the levels at which adverse health effects are anticipated to occur as a result of chronic exposures. The PEA guidance requires that the current noncarcinogenic and carcinogenic toxicity information be used to characterize this dose-response relationship. Most of the COPCs have either carcinogenic potency factors or noncarcinogenic reference doses, or both.

The OEHHA Chronic Reference Exposure Levels (CRELs) and USEPA reference doses (RfDs) have been used to characterize potential noncarcinogenic or systemic health effects and are provided on Table 3. The CREL and RfD are estimates (with uncertainty spanning perhaps an

order of magnitude) of a daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime (USEPA, 1993). The CREL and RfD are useful as a reference point from which to gauge the potential effects of the chemical at other doses. Usually, doses less than the CREL or RfD are not likely to be associated with adverse health risks, and are therefore less likely to be of regulatory concern. As the frequency and/or magnitude of the exposures exceeding the CREL or RfD increase, the probability of adverse effects in a human population increases. However, it should not be concluded that doses in excess of the CREL or RfD must result in adverse effects. For this assessment, the CREL and RfDs have been obtained from the following sources, in order of preference:

- OEHHA CREL, search in January 2006
- USEPA Integrated Risk Information System, searched in January 2006, and
- USEPA, Region IX, 2004 Preliminary Remediation Goals table (this was used to identify slope factors from other USEPA offices and appropriate route-to-route extrapolations; USEPA, 2004)

The evaluation of exposures to carcinogens is addressed as an increase in the probability of development of cancer over a lifetime based on the lifetime average daily exposure. Risks are determined using cancer slope factors. A slope factor is an upper bound, approximating a 95 percent confidence limit, on the increased cancer risk from a lifetime exposure to an agent. This estimate, usually expressed in units of proportion (of a population) affected per mg/kg/day, is generally reserved for use in the low-dose region of the dose-response relationship, that is, for exposures corresponding to risks less than 1 in 100. For this PEA, the OEHHA Toxicity Criteria Database was search in January 2006. Among the COPCs, only lead has a cancer slope factor. However, lead is not routinely evaluated as a carcinogen since its non-carcinogenic effects on the central nervous system are considered the most sensitive and significant health endpoint.

#### **7.4 Risk Characterization**

Tables 3 to 5 present the risk characterization. The non-carcinogenic risk characterizations have been based on the PEA algorithms and toxicity information identified in Section 7.3. Results for the soil exposure pathways are provided on Table 3 and discussed in Section 7.4.1. The potential for adverse, systemic health effects resulting from exposure to lead is evaluated in Section 7.4.2 and presented in Tables 4 and 5. No carcinogenic health risk assessment was needed for this PEA.

Potential risks based on a residential land use were evaluated using the summarized risk and hazard equations presented in the DTSC (1999) PEA Manual. These equations assume that a

person lives at the same location for 30 years, from birth to age 30. Further, these equations assume that this individual will be at the Site for 350 days per year and will be exposed to chemicals in the soil through soil ingestion, skin contact with soil, and inhalation of soil that has been eroded by wind or mechanical processes. Regulatory default assumptions regarding the frequency and intensity of contact with the soil are incorporated into the simplified equations. These exposure assumptions are likely to overestimate the potential contact of students, school employees, and other persons using the school. Table 4 presents the non-carcinogenic PEA results.

Noncarcinogenic chemicals are believed to have thresholds below which exposure to the chemicals does not pose a health threat. To determine if a soil concentration would exceed the dose threshold, the dose is compared to a reference dose (i.e., the RfD) which is based on the threshold. If the hazard quotient (result of the dose divided by the RfD) and hazard index (sum of all hazard quotients) is less than 1, it is believed that the chemicals do not occur at concentrations of concern. The Site noncarcinogenic hazard index for soil ingestion, skin contact, and particulate inhalation is 0.0003 (Table 4), which is below the threshold of concern of 1. Therefore, adverse non-carcinogenic health effects are not considered to be of concern for the proposed re-use.

Based on the maximum detected concentration of lead, the cumulative carcinogenic risk for soil pathways (ingestion and skin contact) and air (inhalation) pathways is  $9 \times 10^{-6}$  (Table 6). Since this risk was above the *de minimus* range, the cancer risk for the Although both the maximum and reasonable maximum exposure (RME) risks are above the *de minimus* level, these results are not interpreted to indicate that there is a long term health risk to workers since the risk assessment is based on a residential scenario.

Lead was not included in the noncarcinogenic PEA algorithms but it was evaluated using the DTSC LeadSpread model (Tables 4 and 5). This model is used to predict blood lead levels which are subsequently compared to an action level of 10 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ). For this site, both the maximum detected lead concentration and the 95<sup>th</sup> upper confidence limit on the mean (UCL) were used as exposure point concentrations. (Appendix D provides the output sheet from the ProUCL program used to calculate the 95<sup>th</sup> UCL.) The predicted blood level levels for a child were 26.1  $\mu\text{g}/\text{dL}$  and 5.9  $\mu\text{g}/\text{dL}$ , based on the maximum concentration and the 95<sup>th</sup> UCL, respectively. The predicted blood lead levels for occupational adults were 4.4  $\mu\text{g}/\text{dL}$  and 3.7  $\mu\text{g}/\text{dL}$ , based on the maximum concentration and the 95<sup>th</sup> UCL, respectively. The maximum level for a child is above the action level however all the other results are below this action level.

## **8.0 Ecological Risk Screening**

---

This section presents the ecological risk screening conducted for the Site. This assessment is primarily qualitative rather than quantitative in nature; that is, it has identified potential habitats of concern and potential exposure pathways. Overall, no potential concern for ecological receptors has been identified based on the COPCs.

This section describes the methods used for the screening assessment and the results. This risk screening has been prepared following DTSC guidance for a scoping ecological risk provided in:

- Guidance for Ecological Risk Assessment at Hazardous Waste Sites and Permitted Facilities, Part A: Overview (July 4, 1996)
- PEA Guidance Manual (June 1999).

The PEA Manual indicates that a screening ecological risk assessment has four major components: the site characterization, the biological characterization, the exposure pathway assessment, and the qualitative summary. The Site characterization and the biological characterization describe the habitats/land uses on and adjacent to the Site that could be impacted by Site chemicals. They also describe the species and types of communities present or potentially present. For this Site, the biological characterization did not identify any potential ecological receptors or potentially complete exposure pathways between areas of contamination and biota or habitats on-site. Consequently, a qualitative summary has not been prepared.

The Site was historically used for agricultural operations, and the surrounding properties are agricultural, commercial, or residential. After the Site is developed as a highway, it is unlikely to support any ecological receptors due to the high hazard of vehicles.

## **9.0 Community Profile and Public Participation**

---

### **9.1 Public Participation**

Public participation is managed through Caltrans' process for California Environmental Quality Act compliance.

### **9.2 Community Profile**

A community profile was not prepared for this site as part of the PEA investigation and reporting. Based on the PEA results, a removal action is not being proposed, so a profile is not required.

## **10.0 Conclusions and Recommendations**

---

Shaw has completed this PEA for the Caltrans proposed realignment of an existing two-lane highway to the north of SR 180 in Fresno, consistent with the PEA Guidance Manual (DTSC, 1999). It is based on data collected in accordance with the workplan reviewed and approved by DTSC (Shaw, 2005). The approximately 4-acre plot is a former mixed-use industrial site that has been there many years.

### **10.1 Hazardous Substance Release**

Levels of inorganic constituents/metals in onsite soil samples are largely consistent with regional ambient levels in soils. However, lead has been found at elevated concentrations. Three organic compounds (ethyl glycol, toluene, and xylenes) were detected at low levels in surface soils and may indicate past releases associated with activities at the Site. In addition, O&G is considered a chemical of interest because concentrations of O&G ranged from below detection (less than 100 mg/kg) to 110,000 mg/kg. These elevated O&G concentrations were taken from borings that specifically targeted heavily stained surface soil as per DTSC directive.

### **10.2 Potential Threats to Public Health or the Environment**

The PEA screening risk analysis indicated that the non-carcinogenic hazard index associated with maximum soil concentrations of all COPCs is 0.0003. The hazard index is below a threshold of concern.

Lead was evaluated using the DTSC LeadSpread model: the predicted blood level levels for a child were 26.1 µg/dL and 5.9 µg/dL, based on the maximum concentration and the 95<sup>th</sup> UCL, respectively. The predicted blood lead levels for occupational adults were 4.4 µg/dL and 3.7 µg/dL, based on the maximum concentration and the 95<sup>th</sup> UCL, respectively.

Based on the proposed use of the site as a transportation corridor, it was concluded that although lead is a potential concern for residential land uses, the Site does not pose a risk for adult workers conducting the construction and maintenance of the highway.

### **10.3 Recommendations**

No further action is being proposed. The results indicate that there are pockets of elevated levels of lead and O&G that exceed health-based screening criteria. However, the distributions of these constituents indicates that it is primarily surface soils (0 to 1 ft bgs). The concentrations of lead and O&G in the 1-ft soil samples are substantially below those of the surface. Based on this pattern of distribution, no threat to groundwater quality is anticipated. The data are sufficient to develop risk management strategies for the management of impacted soils during reconstruction.

## 11.0 References

---

California Department of Toxic Substances Control (DTSC). 1999. *Preliminary Endangerment Assessment Guidance Manual*, DTSC, Sacramento, California.

California Department of Toxic Substances Control (DTSC). 1996. *Guidance for Ecological Risk Assessment at Hazardous Waste Sites and Permitted Facilities, Part A: Overview DTSC*, Sacramento, California (July 4).

California Office of Environmental Health Hazard Assessment (OEHHA). 2004. *Proposed Methodology for Calculating Advisory Human-Exposure-Based Screening Numbers Developed to Aid Estimation of Cleanup Costs for Contaminated Soil*. External Review Draft. March.

U.S. Environmental Protection Agency (USEPA). 1993. Reference Dose (RfD): *Description and Use in Health Risk Assessments, Background Document 1A*. March 15. Available on the USEPA Web Site (<http://www.epa.gov/iris/rfd.htm>).

U.S. Environmental Protection Agency (USEPA). 2004. *U.S. EPA Region 9 Preliminary Remediation Goals*. Available on the USEPA, Region 9 Internet Site, San Francisco, California. October.



Linda S. Adams  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control



Arnold Schwarzenegger  
Governor

Maziar Movassaghi  
Acting Director  
1515 Tollhouse Road  
Clovis, California 93611

June 19, 2009

Ms. Jamie Lupo, Office Chief  
Central Right Of Way  
State of California Department of Transportation  
855 M Street  
Fresno, California 93721

FORMER WESTSIDE AUTO DISMANTLERS: FRESNO COUNTY TAX ASSESSOR'S  
PARCEL NUMBER 458-08-45T, COVENANT TO RESTRICT USE OF PROPERTY  
ENVIRONMENTAL RESTRICTION; DEPARTMENT OF TOXIC SUBSTANCES  
CONTROL SITE NUMBER 101734

Dear Ms. Lupo:

The Department of Toxic Substances Control (DTSC) is in receipt of a copy of the recorded Land Use Covenant (LUC) for the above referenced site (Site). The LUC was prepared and recorded pursuant to the findings of the Preliminary Endangerment Assessment Report dated July 13, 2006. The LUC was prepared in accordance with DTSC's format, citing specific use restrictions for the property. The site use has been limited to industrial and/or commercial use with restrictions for sensitive uses as defined in the Section 4.01 of the LUC.

DTSC hereby determines that No Further Action is required based upon the compliance of the LUC. As with any real property, additional or previously unidentified contamination may require further investigation. Thank you for your diligence in protection of public health and the environment.

Sincerely,

Thomas W. Kovac, PE, Chief  
Supervising Hazardous Substances Engineer I  
San Joaquin and Legacy Landfills

cc: See next page.

DD:st  
DD13.069

Ms. Jamie Lupo

June 19, 2009

Page 2

cc: Mr. Terrance Fox, PG  
Engineering Geologist  
Central Valley Regional Water Quality Control Board  
1685 E Street  
Fresno, California 93706

Ms. Barbara Cook  
Supervising Hazardous Substances Engineer II  
Department of Toxic Substances Control  
700 Heinz Avenue, Suite 200  
Berkeley, California 94710-2721

Mr. Allen Wolfenden, Performance Manager  
Supervising Hazardous Substances Engineer II  
Department of Toxic Substances Control  
8810 Cal Center Drive  
Sacramento, California 95823-3200

Mr. Danny G. Domingo  
Hazardous Substances Scientist  
Department of Toxic Substances Control  
1515 Tollhouse Road  
Clovis, California 93611

18

**State Business-No Recording Fee  
(Gov. Code 27383)**

RECORDING REQUESTED BY:  
State of California  
Department of Transportation  
855 M Street  
Fresno, California 93721

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control  
1515 Tollhouse Road  
Clovis, California 93611  
Attention: Thomas W. Kovac, P.E., Chief  
Brownfields and Environmental  
Restoration Program



FRESNO County Recorder  
Robert C. Werner  
**DOC- 2009-0082583**

Wednesday, JUN 17, 2009 13:59:02  
Ttl Pd \$0.00 Nbr-0003013140  
JZG/R3/1-18

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

**COVENANT TO RESTRICT USE OF PROPERTY**

**ENVIRONMENTAL RESTRICTION**

Re: "County of Fresno Assessors Parcel Number 458-08-45T" A Portion of the former Westside Auto Dismantlers formerly Fresno County Assessor's Parcel Number 458-08-03 to be restricted, DTSC site code number 101734-11

This Covenant and Agreement ("Covenant") is made by and between State of California Department of Transportation (the "Covenantor"), the current owner of property situated in Fresno, County of Fresno, State of California, described in Exhibit "A", attached hereto and incorporated herein by this reference (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined in Health and Safety Code section 25260. The Covenantor and Department, collectively referred to as the "Parties", hereby agree, pursuant to Civil Code section 1471, and Health and Safety Code section 25355.5 that the use of the Property be restricted as set forth in this Covenant; and the Parties further agree that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1.

## ARTICLE I

### STATEMENT OF FACTS

1.01. The Property, totaling approximately 4.12 acres is more particularly described and depicted in Exhibit A, attached hereto and incorporated herein by this reference. The Property is a portion of Fresno County Assessor's Parcel Number 458-08-03 and was acquired by the covenantor for the purpose of right of way for California State Highway 180. The Property is located in the area now generally bounded by West Whitesbridge Avenue on the south and South Marks Avenue on the west, County of Fresno, State of California. The Property is also generally described as Fresno County Assessor's Parcel Numbers 458-08-45T. A survey map showing the new parcel and a copy of the Fresno County Tax Assessor's Map are included in Exhibit B.

1.02. As detailed in the Final Preliminary Endanger Assessment Report (PEA) and as approved by the Department on July 13, 2006, all or a portion of the surface and subsurface soils within 3 feet of the surface of the Property contain hazardous substances, as defined in Health and Safety Code section 25316, which include the following contaminants of concern in the ranges set forth below: Lead (1.1 - 537 parts per million ("ppm")), Toluene (3.3 ppm), Xylene (1.8 – 3.0 ppm), Oil and Grease (80 ppm to 7,220 ppm), Total Petroleum Hydrocarbons Gasoline (0.9 – 7,022 ppm).

Based on the PEA the Department concluded that use of the Property as a residence, hospital, school for persons under the age of 21 or day care center would entail an unacceptable risk due to health risk associated with lead. The Department further concluded that the Property, in its current condition, and subject to the restrictions of this Covenant, does not present an unacceptable threat to human safety or the environment, if limited to industrial or commercial use.

## ARTICLE II

### DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, prohibitions, and terms and conditions as set forth in

any section of this Covenant.

2.03. Improvements. "Improvements" includes, but are not limited to: buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" means Owners and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" means the Covenantor, its successors in interest, and their successors in interest, including heirs and assigns, who at any time hold title to all or any portion of the Property.

### ARTICLE III

#### GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions, that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Health and Safety Code section 25355.5 and Civil Code section 1471; (b) insures to the benefit of and passes with each and every portion of the Property, (c) is for the benefit of, and is enforceable by the Department, and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. Pursuant to the Health and Safety Code, this Covenant binds all owners of the Property, their heirs, successors, and assignees, and the agents, employees, and lessees of the owners, heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive owners of the Property are expressly

bound hereby for the benefit of the Department.

3.03. Written Notice of the Presence of Hazardous Substances. Prior to the sale, lease or sublease of the Property, or any portion thereof, the owner, lessor, or sublessor shall give the buyer, lessee, or sublessee written notice of the existence of this Covenant and its Environmental Restrictions.

3.04. Incorporation into Deeds and Leases. This Covenant and its Environmental Restrictions shall be incorporated by reference in each and every deed and Lease for any portion of the Property.

3.05. Conveyance of Property. The Owner shall provide written notice to the Department not later than thirty (30) days after any conveyance of any ownership interest in the Property (excluding mortgages, liens, leases, and other non-possessory encumbrances). The written notice shall include the name and mailing address of the new owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number (APN) noted on page one. If the new owner's property has been assigned a different APN, each such APN that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law, by administrative order, or by a specific provision of this Covenant.

3.06. Costs of Administering the Covenant to be paid by Owner. The Department has already incurred and will in the future incur costs associated with the administration of this Covenant. Therefore, the Owner hereby covenants for himself and for all subsequent Owners that, pursuant to Title 22 California Code of Regulations section 67391.1(h), the Owner agrees to pay the Department's cost in administering the Covenant.

ARTICLE IV  
RESTRICTIONS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes:

- (a) A residence, including any mobile home or factory built housing, constructed or installed for use as residential human habitation.
- (b) A hospital for humans.
- (c) A public or private school for persons under 21 years of age.
- (d) A day care center for children.

4.02. Soil Management

- (a) The Owner shall provide the Department written notice at least fourteen (14) days prior to any excavation and removal of soils from a vertical profile that begins at the ground surface and extends to 2.5 feet below the ground surface.

4.03. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, monitoring, and other activities consistent with the purposes of this Covenant as deemed necessary by the Department in order to protect the public health or safety, or the environment.

ARTICLE V  
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any improvements constructed or placed upon any portion of the Property in violation of this Covenant. Violation of this Covenant, including but not limited to, failure to submit, or the submission of any false statement, record or report to the Department, shall be grounds for the Department to pursue administrative, civil or criminal actions.

ARTICLE VI

VARIANCE, TERMINATION, AND TERM

6.01. Variance. Covenantor, or any other aggrieved person, may apply to the Department for a written variance from the provisions of this Covenant. Such application shall be made in accordance with Health and Safety Code section 25233.

6.02 Termination or Modification. Owner, or any other aggrieved person, may apply to the Department for a termination or modification of one or more terms of this Covenant as they apply to all or any portion of the Property. Such application shall be made in accordance with Health and Safety Code section 25234.

6.03 Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant shall continue in effect in perpetuity.

ARTICLE VII

MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof to the general public or anyone else for any purpose whatsoever.

7.02. Department References. All references to the Department include successor agencies/departments or other successor entity.

7.03. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Fresno within ten (10) days of the Covenantor's receipt of a fully executed original.

7.04. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (1) when delivered, if personally delivered to the person being served or to an officer of a corporate party being

served, or (2) three (3) business days after deposit in the mail, if mailed by United States mail, postage paid, certified, return receipt requested:

To Owner: Ms. Jamie A. Lupo, Office Chief  
Central Right of Way  
State of California  
Department of Transportation  
855 M Street  
Fresno, California 93721

and

To Department: Mr. Thomas W. Kovac, P.E., Chief  
Brownfields and Environmental Restoration Program  
State of California  
Department of Toxic Substances Control  
1515 Tollhouse Road  
Clovis, California 93611

Any party may change its address or the individual to whose attention a Notice is to be sent by giving written Notice in compliance with this paragraph.

7.05. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

7.06 Statutory References. All statutory references include successor provisions.

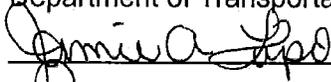
7.07 Inspection and Reporting Requirements. The Owner shall conduct an annual inspection and submit an Annual Inspection Report to the Department for its approval by January 15<sup>th</sup> of each year. The annual report must include the dates, times, and names of those who conducted and reviewed the annual inspection report. It also shall describe how

the observations were performed that were the basis for the statements and conclusions in the annual report (e.g., drive-by, fly-over, walk-in, etc.) If violations are noted, the annual report must detail the steps taken to return to compliance. If the Owner identifies any violations of this Covenant during the annual inspections or at any other time, the Owner must within 10 days of identifying the violation: determine the identity of the party in violation, send a letter advising the party of the violation of this Covenant and demand that the violation ceases immediately. Additionally, copies of any correspondence related to the enforcement of this Covenant shall be sent to the Department within ten (10) days of its original transmission.

IN WITNESS WHEREOF, the Parties execute this Covenant.

Covenantor: Department of Transportation

By:

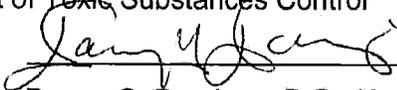


Title: Jamie A. Lupo, Chief Central Right of Way

Date: 06.12.2009

Department of Toxic Substances Control

By:



Title: Danny G. Domingo, P.G., Hazardous Substances Scientist

Date: 06-15-2009

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Fresno

On 6/12/09 before me, Roberta K Odahl, Notary Public  
Date Here insert Name and Title of the Officer

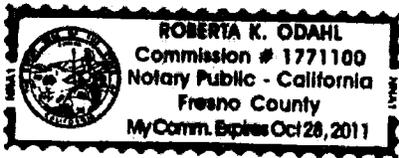
personally appeared Jamie Lupo  
Name(s) of Signer(s)

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

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Roberta K Odahl



Place Notary Seal Above

Signature of Notary Public

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_

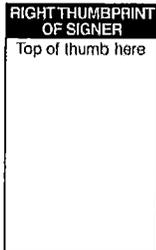
Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

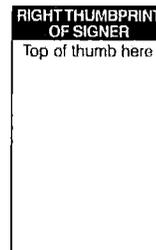
- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California  
County of Fresno

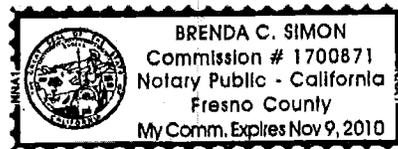
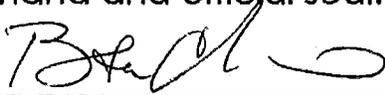
On JUNE 15, 2009 before me, Brenda C. Simon, Notary Public,  
personally appeared DANNY G. DOMINGO

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

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(seal)

## OPTIONAL

Description of the Attached Document:

Title or Type of Document: COVENANT TO RESTRICT USE OF PROPERTY - ENVIRONMENTAL RESTRICTION

Date of Document: JUNE 15, 2009 Number of pages: EIGHT

Signer(s) other than the above: JAMIE A. LUPO

Exhibit A

Fresno Tax Assessor's Parcel Number 458-08-45T, Description

Fresno APN 458-08-45T, a 4.12 acre parcel is a portion of Fresno County Tax Assessor's Parcel Number 458-08-03 that was acquired for highway right of way purposes. APN 458-08-45T is comprised of Department of Transportation parcels, 84741-1 and 84741-1-01 whose legal descriptions are attached in Exhibit 1.

Exhibit A1: 84741-1

Exhibit A2:84741-1-01

1 Parcel 84741-1

2 For freeway purposes, that portion of the west half of the  
3 east half of the southwest quarter of the southwest quarter of  
4 Section 6, Township 14 South, Range 20 East, Mount Diablo Base  
5 and Meridian, more particularly described as follows:

6 Commencing at the southwest corner of Section 6, Township  
7 14 South, Range 20 East, Mount Diablo, Base and Meridian,

8 THENCE (1) North 89°59'06" East, 297.009 meters along the  
9 south line of said Section 6, to the east line of the west half  
10 of the east half of the southwest quarter of the southwest  
11 quarter of said Section 6; THENCE (2) North 00°42'57" East,  
12 241.274 meters along said east line to the true POINT OF  
13 BEGINNING; THENCE (3) continuing along said east line North  
14 00°42'57" East, 161.338 meters to the north line of the  
15 southwest quarter of the southwest quarter of said Section 6;  
16 THENCE (4) South 89°58'27" West, 98.501 meters along said north  
17 line to the west line of the east half of the southwest quarter  
18 of the southwest quarter of said Section 6; THENCE (5) South  
19 00°47'14" West, 171.200 meters along said west line; THENCE (6)  
20 North 84°16'41" East, 99.333 meters to the true POINT OF  
21 BEGINNING.

22 EXCEPTING THEREFROM the following described area:

23 Commencing at the southwest corner of Section 6, Township 14  
24 South, Range 20 East, Mount Diablo, Base and Meridian,  
25 THENCE (1) North 89°59'06" East, 297.009 meters along the south  
26 line of said Section 6, to the east line of the west half of the  
27

7-13-11  
FINAL ORDER OF CONDEMNATION

1 Parcel 84741-1 (continued)

2 east half of the southwest quarter of the southwest quarter of  
3 said Section 6; THENCE (2) North 00°42'57" East, 376.024 meters  
4 along said east line to the true POINT OF BEGINNING; THENCE (3)  
5 continuing along said east line North 00°42'57" East, 26.588  
6 meters to the north line of the southwest quarter of the  
7 southwest quarter of said Section 6,; THENCE (4) South 89°58'27"  
8 West, 98.501 meters along said north line, to the west line of  
9 the east half of the southwest quarter of the southwest quarter  
10 of said Section 6; THENCE (5) South 00°47'14" West, 3.282 meters  
11 along said west line to the beginning of a non-tangent curve  
12 concave northerly to which a radial line bears South 25°02'33"  
13 West, said curve has a radius of 200.00 meters; THENCE (6)  
14 easterly along said curve through a central angle of 16°16'18"  
15 an arc distance of 56.799 meters; THENCE (7) South 81°13'45"  
16 East, 44.574 meters to the true POINT OF BEGINNING.

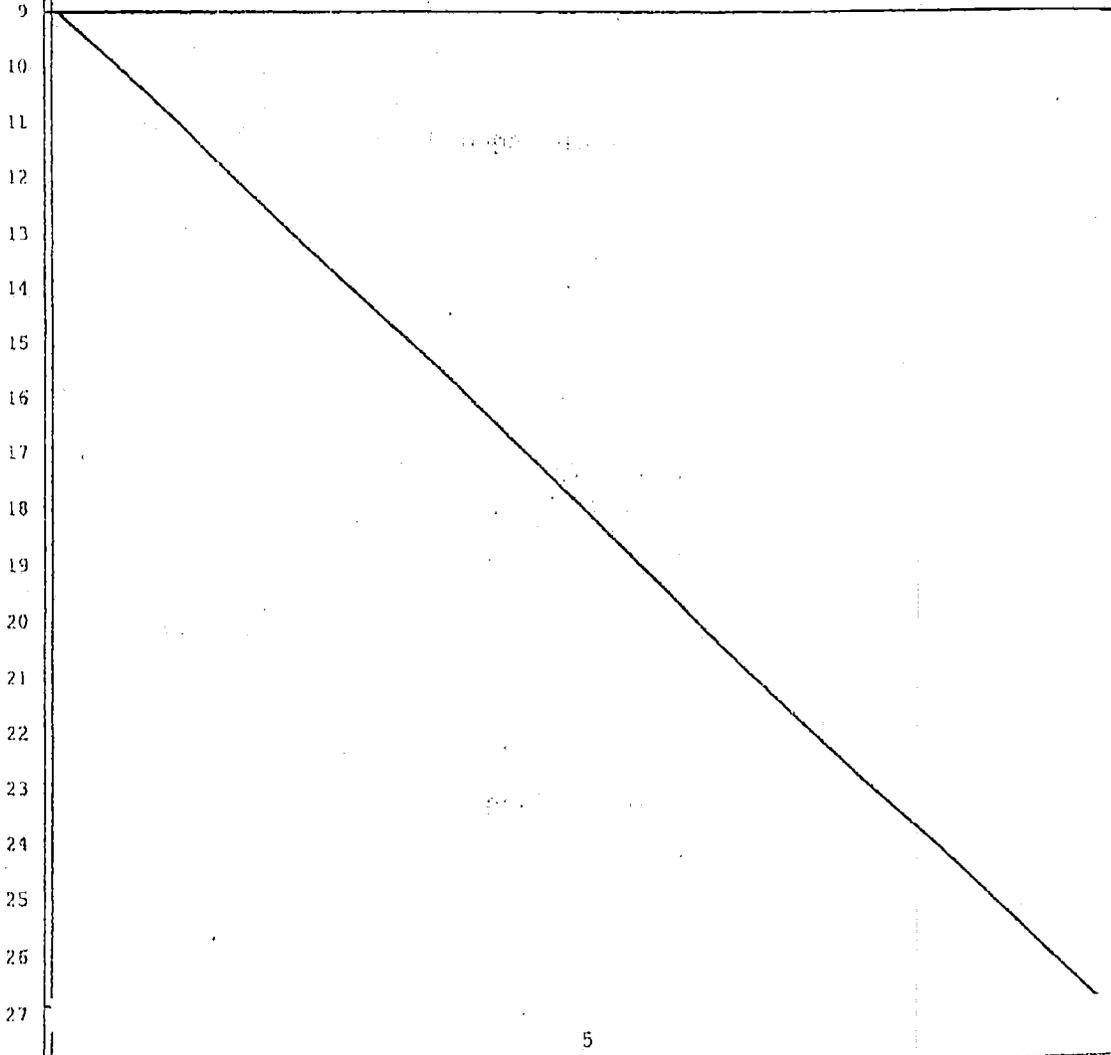
17 TOGETHER WITH the right and easement to enter upon the  
18 remaining portion of the owner's land for the purpose of  
19 severing and removing the portions of improvements which lies  
20 within the above-described parcel and for the purpose of  
21 constructing, maintaining and shoring braces, foundations, or  
22 walls necessary to support the remaining improvements on said  
23 remaining portion of said owner's land after severing and  
24 removing therefrom the improvements lying within the above-  
25 described parcel, at any time within 120 days after the date  
26 possession is authorized as indicated in the order for  
27

Parcel 84741-1 (continued)

possession, or within 120 days after FINAL JUDGEMENT IN  
CONDEMNATION for the above-enumerated purposes.

Lands abutting said freeway shall have no right or easement  
of access thereto.

The bearings and distances used in this description are on  
the California Coordinate System of 1983, Zone 4. Divide  
distances by 0.9999344797 to convert to ground distances.



FINAL ORDER OF CONDEMNATION

1 Parcel 84741-01-01

2 For freeway purposes, that portion of the west half of the  
3 east half of the southwest quarter of the southwest quarter of  
4 Section 6, Township 14 South, Range 20 East, Mount Diablo Base  
5 and Meridian, more particularly described as follows:

6 Commencing at the southwest corner of Section 6, Township  
7 14 South, Range 20 East, Mount Diablo, Base and Meridian,  
8 THENCE (1) North  $89^{\circ}59'06''$  East, 297.009 meters; along the south  
9 line of said Section 6, to the east line of the west half of the  
10 east half of the southwest quarter of the southwest quarter of  
11 said Section 6; THENCE (2) North  $00^{\circ}42'57''$  East, 376.024 meters  
12 along said east line to the true POINT OF BEGINNING; THENCE (3)  
13 continuing along said east line North  $00^{\circ}42'57''$  East, 26.588  
14 meters to the north line of the southwest quarter of the  
15 southwest quarter of said Section 6; THENCE (4) South  $89^{\circ}58'27''$   
16 West, 98.501 meters along said north line, to the west line of  
17 the east half of the southwest quarter of the southwest quarter  
18 of said Section 6; THENCE (5) South  $00^{\circ}47'14''$  West, 3.282 meters  
19 along said west line to the beginning of a non-tangent curve  
20 concave northerly to which a radial line bears South  $25^{\circ}02'33''$   
21 West, said curve has a radius of 200.00 meters; THENCE (6)  
22 easterly along said curve through a central angle of  $16^{\circ}16'18''$   
23 an arc distance of 56.799 meters; THENCE (7) South  $81^{\circ}13'45''$   
24 East, 44.574 meters to the true POINT OF BEGINNING.

25 The bearings and distances used in this description are on  
26 the California Coordinate System of 1983, Zone 4. Divide  
27 distances by 0.9999344797 to convert to ground distances.

Exhibit B

Exhibit B1: Department of Transportation (DOT) Survey Map for Designated DOT  
Parcels 84741-1 and 84741-1-01

Exhibit B-2: Fresno County Tax Assessor's Parcel Map for APN 458-08-45T





## **Appendix C:**

# **EDR Environmental Lien and AUL Search, Preliminary Title Report**

**Vacant Church Property**

2855 West Whitesbridge Road  
Fresno, CA 93706

Inquiry Number: 4182289.7S  
January 22, 2015

# The EDR Environmental LienSearch™



6 Armstrong Road,  
Fourth Floor  
Shelton, CT 06484  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Environmental LienSearch™ Report

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

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

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

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

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

### **Disclaimer - Copyright and Trademark Notice**

This report was prepared for the use of Environmental Data Resources, Inc., and Discovery Research Solutions, LLC, exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. **NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.** Environmental Data Resources, Inc. (EDR) and Discovery Research Solutions, LLC specifically disclaim the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

Copyright 2014 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 are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

# EDR Environmental LienSearch™ Report

## TARGET PROPERTY INFORMATION

### ADDRESS

VACANT CHURCH PROPERTY  
2855 WEST WHITESBRIDGE ROAD  
FRESNO, CA 93706

### RESEARCH SOURCE

Source 1: Fresno Assessor  
Fresno County, California

Source 2: Fresno Recorder  
Fresno County, California

### PROPERTY INFORMATION

#### **Deed 1:**

Type of Deed: Quitclaim Deed  
Title is vested in: State of California, Department of Corrections  
Title received from: State of California, Office of Statewide Health Planning and Development  
Deed Dated: 07/30/1998  
Deed Recorded: 09/30/1998  
Instrument: 98141784

**Legal Description:** All that certain piece or parcel of land being the West 200 feet of the Northwest Quarter of the Northwest Quarter of the Northwest Quarter of Section 7, Township 14 South, Range 20 East, Mount Diablo Base and Meridian, according to the United States Government Township Plats, situate and lying in the County of Fresno, State of California.

**Legal Current Owner:** State of California, Department of Corrections

**Property Identifiers:** 464-020-01-1

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

If found:

1<sup>st</sup> Party:

2<sup>nd</sup> Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

## EDR Environmental LienSearch™ Report

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's:                      Found                       Not Found

If found:

1<sup>st</sup> Party:

2<sup>nd</sup> Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

**EDR Environmental LienSearch™ Report**

**DEED EXHIBIT**

PLEASE COMPLETE THIS INFORMATION

RECORDING REQUESTED BY:

Recording requested by:  
FIRST AMERICAN TITLE CO.

AND WHEN RECORDED MAIL TO:

FATCO BOX

981141784

RECORDED AT REQUEST OF

AT 15 MIN PAST 12 P. M

SEP 30 1998

FRESNO COUNTY, CALIFORNIA  
WILLIAM C GREENWOOD, County Recorder

Donita Ghimenti

CLERK DEPUTY RECORDER



SEP 10 1998

THIS SPACE FOR RECORDER'S USE ONLY

FENO 1 103 112/253 (IC 50900 1 103)

----- GRANT DEED

----- DEED OF TRUST

----- ACKNOWLEDGMENT OF SATISFACTION OF JUDGMENT

----- SUBSTITUTION OF TRUSTEE AND DEED OF RECONVEYANCE

----- UCC- 1

----- UCC- 2

other- QUITCLAIM DEED



STATE OF CALIFORNIA )  
COUNTY OF SACRAMENTO )

ON July 30, 1998, before me, the undersigned, a Notary Public in and for said State, personally appeared Dennis T. Fenwick, personally known to me ~~for purposes of this act~~ to be the person(s) whose name(s) is/~~s~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Jane M. Hayes  
Notary Public in and for said County and State



I CERTIFY UNDER PENALTY OF PERJURY THAT THE "NOTARY SEAL" ON THE DOCUMENT TO WHICH THIS STATEMENT IS ATTACHED READS AS FOLLOWS:

NAME OF NOTARY JANE M. Hayes

DATE COMMISSION EXPIRES Feb 26, 2001

PLACE OF EXECUTION Sacramento, CA DATE 7-30-98

(Govt. Code, Sec. 27361.7) Jane M. Hayes (C) Mortgage Lenders Division  
Signature (Print Name If Any) U

**CLARIFICATION PAGE**

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS  
"CLARIFICATION PAGE" IS A TRUE AND CORRECT  
COPY OF THE PAGE BEING CLARIFIED.

DATE

9-30-98

SIGNATURE

Muelde-Ram

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
Date Name and Title of Officer (e.g. Jane Doe, Notary Public)

personally appeared \_\_\_\_\_  
Names of Signers

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

WITNESS my hand and official seal

\_\_\_\_\_  
Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document*

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date \_\_\_\_\_ Number of Pages \_\_\_\_\_

Signer(s) Other Than Named Above \_\_\_\_\_

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer
- Title(s) \_\_\_\_\_
- Partner  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

**RIGHT TO ASSISTANCE  
OF SIGNER**  
Top of this page

Signer Is Representing \_\_\_\_\_

Signer's Name \_\_\_\_\_

- Individual
- Corporate Officer
- Title(s) \_\_\_\_\_
- Partner  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

**RIGHT TO ASSISTANCE  
OF SIGNER**  
Top of this page

Signer Is Representing \_\_\_\_\_



Larry McGuire  
Title Officer

Stewart Title of California, Inc.  
525 N. Brand Blvd.  
Glendale, CA 91203  
Phone (818) 502-2723  
Fax  
LMCGUIRE@stewart.com

## PRELIMINARY REPORT

Order No. : 01180-129343  
Title Unit No. : 7733  
Your File No. : 2855 W. Whitebridge  
Buyer/Borrower Name :  
Seller Name : Stat of California

Property Address: 2855 West Whitesbridge Road, Fresno, CA

In response to the above referenced application for a Policy of Title Insurance, Stewart Title of California, Inc. hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Stewart Title Guaranty Company Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referenced to as an Exception on Schedule B or not excluded from coverage pursuant to the printed Schedules, Conditions, and Stipulations of said Policy forms.

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

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

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

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

Dated as of October 16, 2014 at 7:30 a.m.

Larry McGuire, Title Officer

**When replying, please contact:** Larry McGuire, Title Officer

## **PRELIMINARY REPORT**

**The form of Policy of Title Insurance contemplated by this report is:**

- CLTA Standard Coverage Policy
- CLTA/ALTA Homeowners Policy
- 2006 ALTA Owner's Policy
- 2006 ALTA Loan Policy
- ALTA Short Form Residential Loan Policy
- 

## **SCHEDULE A**

**The estate or interest in the land hereinafter described or referred to covered by this report is:**

A Fee

**Title to said estate or interest at the date hereof is vested in:**

State of California, Department of Corrections

## LEGAL DESCRIPTION

**The land referred to herein is situated in the State of California, County of Fresno, City of Fresno and described as follows:**

The West 200 feet of the Northwest quarter of the Northwest quarter of the Northwest quarter of Section 7, Township 14 South, Range 20 East, M.D.B.M., in the City of Fresno, County of Fresno, State of California, as per the United States Government Township Plats.

Excepting therefrom that portion thereof conveyed to the State of California, by deed recorded December 9, 1992 as Instr. # 92185218, of Official Records.

APN: 464-002-01  
(End of Legal Description)

## SCHEDULE B

**At the date hereof, exceptions to coverage in addition to the printed exceptions and exclusions contained in said policy or policies would be as follows:**

**Taxes:**

- A. General and special city and/or county taxes, bonds or assessments which may become due on said land, if and when title to said land is no longer vested in a government or quasi-governmental agency. Tax parcel(s) for said land are currently shown as APN: 464-002-01.
- B. The lien of supplemental taxes, if any, assessed pursuant to the provisions of chapter 3.5 (commencing with section 75) of the revenue and taxation code of the State of California and assessments, for community facility districts affecting said land which may exist by virtue of assessment maps or notices filed by said districts.

C. A resolution

Dated : October 30, 1990  
By & between : City of Fresno, County of Fresno, City  
Clovis and Fresno Metropolitan Flood  
Control District  
Recorded : November 19, 1990 as Instr. # 90142632, of Official Records

On the terms and conditions contained therein which among other things provides: The potential for the requirement of construction facilities and/or payment of drainage fees mandated as a condition of development, reconstruction, additions or alterations associated with such property.

Said land lies within the boundaries of Fresno Irrigation District. No amounts are being assessed at this time.

D. Resolution:

By & between: City of Fresno, County of Fresno, City of Clovis  
And  
Fresno Metropolitan Flood Control District

Recorded: July 31, 1995, Instr. # 95092128

on the terms and conditions contained therein which among other things provides: the potential for the requirement of construction of facilities and/or payment of drainage fees mandated as a condition of development, reconstruction, additions or alterations associated with such property.

**Exceptions:**

1. Water rights, claims or title to water in or under said land, whether or not shown by the public records.
2. Minerals of whatsoever kind, subsurface and surface substances, including but not limited to coal, lignite, oil, gas, uranium, clay, rock, sand and gravel in, on, under and that may be produced from the Land, together with all rights, privileges, and immunities relating thereto, whether or not appearing in the Public Records or listed in Schedule B. The Company makes no representation as to the present ownership of any such interests. There may be leases, grants, exceptions or reservations of interests that are not listed.
3. An easement for public highway and rights incidental thereto in favor of the County of Fresno as set forth in a document recorded in Book L, Page 512, of Deeds, affects the North 30 feet of said West 200 feet of said land.

4. An easement for right of way for the construction, reconstruction, enlargement, operation and repair of a sanitary sewer line, including manholes therefor and rights incidental thereto in favor of the City of Fresno as set forth in a document recorded in Book 4666, Page 158, of Official Records, affects said land.
5. An easement for public street and rights incidental thereto in favor of the City of Fresno as set forth in a document recorded January 7, 1965 in Book 5116, Page 608, of Official Records, affects the West 53 feet of said West 200 feet and the South 12 feet of the North 42 feet of said West 200 feet of said land.
6. The matters contained in an instrument entitled "Statement of Covenants Affecting Land Development" dated September 10, 1991, by and between The City of Fresno and Superior Steel Structures, a California corporation upon the terms therein provided recorded October 31, 1991 as Instr. # 91135052, of Official Records.
7. An easement for public street purposes and rights incidental thereto in favor of the City of Fresno as set forth in a document recorded June 25, 1992 as Instr. # 92089329, of Official Records, affects said land.
8. The matters contained in an instrument entitled "Improvement Agreement" dated October 1, 1992, by and between City of Fresno, a Municipal corporation and Comprehensive Drug and Alcohol Abuse Program of Central California, a California non-profit corporation upon the terms therein provided recorded October 14, 1992 as Instr. # 92156421, of Official Records.
9. The effect of a Map purporting to show the herein described and other land filed in Book 4, Page 49, of State Highway Monumentation Map.
10. Please be advised that our search did not disclose any open deeds of trust of record. If you should have knowledge of any outstanding obligation, please contact your title officer immediately for further review.
11. A notice of substandard condition, dated December 27, 2012 wherein said property was inspected and found to be substandard,  
Executed by : City of Fresno  
Recorded : December 27, 2012  
As Instrument No. : 2012-0187269, Official Records
12. A notice of substandard condition, dated June 27, 2013 wherein said property was inspected and found to be substandard,  
Executed by : City of Fresno  
Recorded : July 3, 2013  
As Instrument No. : 2013-0094350, Official Records
13. Matters which may be disclosed by an inspection or by a survey of said land satisfactory to this Company, or by inquiry of the parties in possession thereof.
14. An inspection of said land has been ordered; upon its completion we will advise you of our findings.
15. Rights of tenants in possession of said land by reason of unrecorded leases. Kindly forward said lease, or a current certified tenant rent roll.

Type/Rev: PVA

(End of Exceptions)

## NOTES AND REQUIREMENTS

- A. If an Owners Policy will be requested, please be aware that unless instructed otherwise, we will issue a CLTA Standard Coverage Owners Policy. If a different form of policy is contemplated for this transaction, please advise and contact your title officer for additional requirements.
- B. There are no conveyances affecting said land, recorded with the County Recorder within 24 months of the date of this report.

### REQUIREMENTS

- C. The requirement that Stewart Title of California, Inc. be informed of what type of Title Insurance coverage/policies are being requested, so that we may provide you with any additional requirements or exceptions that we may have or that apply.
- D. This Company will require that a full copy of any unrecorded leases be submitted to us, together with all supplements, assignments and amendments, before issuing any policy of title insurance.
- E. General requirements relating to entity formation and authority documentation:
  - A. Corporations:
    - a. Certificate of good standing of recent date issued by the secretary of state of corporation's state of domicile.
    - b. Certified copy of a resolution of the board of directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
    - c. Requirements which the company may impose following its review of the above material and other information which the company may require.
  - B. California Limited Partnerships:
    - a. a certified copy of the certificate of limited partnership (form lp-1) and any amendments thereto (form lp-2) to be recorded in the public records;
    - b. a full copy of the partnership agreement and any amendments;
    - c. satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
    - d. requirements which the company may impose following its review of the above material and other information which the company may require.
  - C. Foreign Limited Partnerships:
    - a. a certified copy of the application for registration, foreign limited partnership (form lp-5) and any amendments thereto (form lp-6) to be recorded in the public records;
    - b. a full copy of the partnership agreement and any amendment;
    - c. satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
    - d. requirements which the company may impose following its review of the above material and other information which the company may require.
  - D. General Partnerships:
    - a. a certified copy of a statement of partnership authority pursuant to section 16303 of the California corporation code (form gp-1), executed by at least two partners, and a certified copy of any amendments to such statement (form gp-7), to be recorded in the public records;
    - b. a full copy of the partnership agreement and any amendments;
    - c. requirements which the company may impose following its review of the above material

required herein and other information which the company may require.

E. Limited Liability Companies:

- a. a copy of its operating agreement and any amendments thereto;
- b. if it is a California limited liability company, a certified copy of its articles of organization (llc-1) and any certificate of correction (llc-11), certificate of amendment (llc-2), or restatement of articles of organization (llc-10) to be recorded in the public records;
- c. if it is a foreign limited liability company, a certified copy of its application for registration (llc-5) to be recorded in the public records;
- d. with respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the company or upon which the company is asked to rely, such document or instrument must be executed in accordance with one of the following, as appropriate:
  - i. if the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such documents must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
  - ii. if the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
- e. requirements which the company may impose following its review of the above material and other information which the company may require.

F. Trusts:

- a. a certification pursuant to section 18500.5 of the California probate code in a form satisfactory to the company.
- b. copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
- c. other requirements which the company may impose following its review of the material require herein and other information which the company may require.

F. Provide release/reconveyance instruments for deeds of trust of record as follows:

- A. If institutional lender we must be provided a demand for payment. if serviced by other than the beneficiary we must be provided a copy of the loan servicing agreement.
- B. If an individual lender we must be provided demand for payment together with the original note. Deed of trust and signed request for full reconveyance, request for full reconveyance must be signed by both spouses if beneficial interest is in one spouse alone.
- C. If beneficiary is a trust, we must be provided a full copy of said trust, together with the original note, deed of trust and signed request for full reconveyance.
- D. If the loan is for a revolving line of credit, the account must be closed, otherwise we will hold an amount equal to the available credit limit.

G. It is the policy of this Company to make all required payoffs.

The Company will require current, written payoff demands addressed to Stewart Title of California, Inc. or our escrow customer. noncurrent and expired demands will normally not be acceptable but they may be accepted at the discretion of the Company if verbal updating can be obtained.

The Company will hold an amount equal to one monthly mortgage payment until acceptance by the lender of our payoff on any noncurrent or expired beneficiary demand, whether or not verbally updated.

The Company will also hold an amount equal to one monthly mortgage payment until acceptance by the lender of our payoff on any demand which includes a payment made within 14 days of closing unless the Company has been provided with satisfactory proof of payment (i.e. a cancelled check or written confirmation of check clearance.)

Please be advised that the Company will require that the beneficiary or beneficiaries sign an estimated closing cost.

- H. It is the policy of Stewart title of California - Los Angeles division to collect all title charges and deduct said charges upon recording when Stewart Title is doing the payoff.
- I. This Company will require further information regarding the legal status of the following entity State of California, Department of Corrections. Based on the official records it cannot be determined if the entity is a corporation, non-profit corporation, general partnership, limited partnership, limited liability company, joint venture, association, etc., and that it is an entity capable of acquiring title and is in good standing with the applicable authorities.

## **CALIFORNIA "GOOD FUNDS" LAW**

California Insurance Code Section 12413.1 regulates the disbursement of escrow and sub-escrow funds by title companies. The law requires that funds be deposited in the title company escrow account and available for withdrawal prior to disbursement. Funds received by Stewart Title of California, Inc. via wire transfer may be disbursed upon receipt. Funds received via cashier's checks or teller checks drawn on a California Bank may be disbursed on the next business day after the day of deposit. If funds are received by any other means, recording and/or disbursement may be delayed, and you should contact your title or escrow officer. All escrow and sub-escrow funds received will be deposited with other escrow funds in one or more non-interest bearing escrow accounts in a financial institution selected by Stewart Title of California, Inc.. Stewart Title of California, Inc. may receive certain direct or indirect benefits from the financial institution by reason of the deposit of such funds or the maintenance of such accounts with the financial institution, and Stewart Title of California, Inc. shall have no obligation to account to the depositing party in any manner for the value of, or to pay to such party, any benefit received by Stewart Title of California, Inc.. Such benefits shall be deemed additional compensation to Stewart Title of California, Inc. for its services in connection with the escrow or sub-escrow.

If any check submitted is dishonored upon presentation for payment, you are authorized to notify all principals and/or their respective agents of such nonpayment.

## **WIRE INSTRUCTIONS**

We hereby request that our funds are wire transferred directly to our account. If you have any questions, regarding this matter, please call the number as referenced above.

**We do not accept ACH Transfers, these funds will be returned and may cause a delay in closing.**

Bank Name: **City National Bank**

Bank Address: **555 South Flower Street, 17th Floor, Los Angeles, CA 90071**

ABA#: **122016066**

Account Name: **Stewart Title of California, Inc.**

Account Number: **555122365**

REFERENCE OUR FILE NUMBER: **01180-129343**

REFERENCE OUR BUYER/BORROWER NAME:

REFERENCE OUR SELLER NAME: **Stat of California**

**EXHIBIT "A"**  
**LEGAL DESCRIPTION**

Order No.: 01180-129343  
Escrow No.: 01180-129343

The land referred to herein is situated in the State of California, County of Fresno, City of Fresno and described as follows:

The West 200 feet of the Northwest quarter of the Northwest quarter of the Northwest quarter of Section 7, Township 14 South, Range 20 East, M.D.B.M., in the City of Fresno, County of Fresno, State of California, as per the United States Government Township Plats.

Excepting therefrom that portion thereof conveyed to the State of California, by deed recorded December 9, 1992 as Instr. # 92185218, of Official Records.

APN: 464-002-01

(End of Legal Description)

## AFFILIATED BUSINESS ARRANGEMENT DISCLOSURE STATEMENT

Date: October 28, 2014

Escrow No.: 01180-129343

Property: 2855 West Whitesbridge Road, Fresno, CA

From: Stewart Title of California, Inc.

This is to give you notice that Stewart Title of California, Inc. ("Stewart Title") has a business relationship with Stewart Solutions, LLC, DBA – Stewart Specialty Insurance Services, LLC ("Stewart Insurance"). Stewart Information Services Corporation owns 100% of Stewart Insurance and Stewart Title of California. Because of this relationship, this referral may provide Stewart Title a financial or other benefit.

Set forth below is the estimated charge or range of charges for the settlement services listed. You are NOT required to use the listed provider(s) as a condition for purchase, sale, or refinance of the subject Property. THERE ARE FREQUENTLY OTHER SETTLEMENT SERVICE PROVIDERS AVAILABLE WITH SIMILAR SERVICES. YOU ARE FREE TO SHOP AROUND TO DETERMINE THAT YOU ARE RECEIVING THE BEST SERVICES AND THE BEST RATE FOR THESE SERVICES.

<b><i>Stewart Insurance Settlement Service</i></b>	<b><i>Charge or range of charges</i></b>
Hazard Insurance	\$400.00 to \$6,500.00
Home Warranty	\$255.00 to \$ 780.00
Natural Hazard Disclosure Report	\$ 42.50 to \$ 149.50

**CLTA Preliminary Report Form**

**Exhibit A (Revised 06-03-11)**

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

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

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:  
(a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;  
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;  
(c) resulting in no loss or damage to the insured claimant;  
(d) attaching or created subsequent to Date of Policy; or  
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

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

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

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

**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10)**  
**ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE**  
**EXCLUSIONS**

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

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
  - a. building;
  - b. zoning;
  - c. land use;
  - d. improvements on the Land;
  - e. land division;
  - f. environmental protection.

This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.

2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
  - a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
  - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
  - c. that result in no loss to You; or
  - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.

5. Failure to pay value for Your Title.

6. Lack of a right:
  - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 21.

7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy.

**LIMITATIONS ON COVERED RISKS**

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

\* For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A. The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount or \$2,500.00 (whichever is less)	\$10,000.00
Covered Risk 18:	1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 19:	1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 21:	1% of Policy Amount or \$2,500.00 (whichever is less)	\$5,000.00

## 2006 ALTA LOAN POLICY (06-17-06) EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.  
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

### EXCEPTIONS FROM COVERAGE

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

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

**2006 ALTA OWNER'S POLICY (06-17-06)**  
**EXCLUSIONS FROM COVERAGE**

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.  
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
  - (a) a fraudulent conveyance or fraudulent transfer; or
  - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

**EXCEPTIONS FROM COVERAGE**

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

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

WARNING: THIS DOCUMENT MUST BE COMPLETED IN ITS ENTIRETY (1 THROUGH 9, BELOW MUST BE FILLED IN) FOR IT TO BE ACCEPTED BY Stewart Title of California, Inc.. IF THIS IS NOT COMPLETED Stewart Title of California, Inc. WILL REQUIRE A COMPLETE COPY OF THE TRUST, WITH A SIGNED AND ACKNOWLEDGED AFFIDAVIT.

**TRUSTEE CERTIFICATE**  
(California Probate Code Section 18100.5)

SCETRUST

## STG Privacy Notice Stewart Title Companies

### WHAT DO THE STEWART TITLE COMPANIES DO WITH YOUR PERSONAL INFORMATION?

Federal and applicable state law and regulations give consumers the right to limit some but not all sharing. Federal and applicable state law regulations also require us to tell you how we collect, share, and protect your personal information. Please read this notice carefully to understand how we use your personal information. This privacy notice is distributed on behalf of the Stewart Title Guaranty Company and its title affiliates (the Stewart Title Companies), pursuant to Title V of the Gramm-Leach-Bliley Act (GLBA).

The types of personal information we collect and share depend on the product or service that you have sought through us. This information can include social security numbers and driver's license number.

All financial companies, such as the Stewart Title Companies, need to share customers' personal information to run their everyday business—to process transactions and maintain customer accounts. In the section below, we list the reasons that we can share customers' personal information; the reasons that we choose to share; and whether you can limit this sharing.

Reasons we can share your personal information.	Do we share	Can you limit this sharing?
<b>For our everyday business purposes</b> — to process your transactions and maintain your account. This may include running the business and managing customer accounts, such as processing transactions, mailing, and auditing services, and responding to court orders and legal investigations.	Yes	No
<b>For our marketing purposes</b> — to offer our products and services to you.	Yes	No
<b>For joint marketing with other financial companies</b>	No	We don't share
<b>For our affiliates' everyday business purposes</b> — information about your transactions and experiences. Affiliates are companies related by common ownership or control. They can be financial and non-financial companies. <i>Our affiliates may include companies with a Stewart name; financial companies, such as Stewart Title Company</i>	Yes	No
<b>For our affiliates' everyday business purposes</b> — information about your creditworthiness.	No	We don't share
<b>For our affiliates to market to you</b> — For your convenience, Stewart has developed a means for you to opt out from its affiliates marketing even though such mechanism is not legally required.	Yes	Yes, send your first and last name, the email address used in your transaction, your Stewart file number and the Stewart office location that is handling your transaction by email to <a href="mailto:optout@stewart.com">optout@stewart.com</a> or fax to 1-800-335-9591.
<b>For non-affiliates to market to you.</b> Non-affiliates are companies not related by common ownership or control. They can be financial and non-financial companies.	No	We don't share

We may disclose your personal information to our affiliates or to non-affiliates as permitted by law. If you request a transaction with a non-affiliate, such as a third party insurance company, we will disclose your personal information to that non-affiliate. [We do not control their subsequent use of information, and suggest you refer to their privacy notices.]

### SHARING PRACTICES

<b>How often do the Stewart Title Companies notify me about their practices?</b>	We must notify you about our sharing practices when you request a transaction.
<b>How do the Stewart Title Companies protect my personal information?</b>	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer, file, and building safeguards.
<b>How do the Stewart Title Companies collect my personal information?</b>	<p>We collect your personal information, for example, when you</p> <ul style="list-style-type: none"> <li>▪ request insurance-related services</li> <li>▪ provide such information to us</li> </ul> <p>We also collect your personal information from others, such as the real estate agent or lender involved in your transaction, credit reporting agencies, affiliates or other companies.</p>
<b>What sharing can I limit?</b>	Although federal and state law give you the right to limit sharing (e.g., opt out) in certain instances, we do not share your personal information in those instances.

**Contact us:** If you have any questions about this privacy notice, please contact us at: Stewart Title Guaranty Company, 1980 Post Oak Blvd., Privacy Officer, Houston, Texas 77056

Order No. 01180-129343

## AVAILABLE DISCOUNTS DISCLOSURE STATEMENT

This is to give you notice that Stewart Title of California, Inc. ("Stewart Title") is pleased to inform you that upon proper qualification, there are premium discounts available upon the purchase of title insurance covering improved property with a one to four family residential dwelling.

Such discounts apply to and include:

Property located within an area proclaimed a state or federal disaster area;

Property purchased from a foreclosing beneficiary or successful bidder at a foreclosure sale;

Property being refinanced.

Please talk with your escrow or title officer to determine your qualification for any of these discounts.

464-02

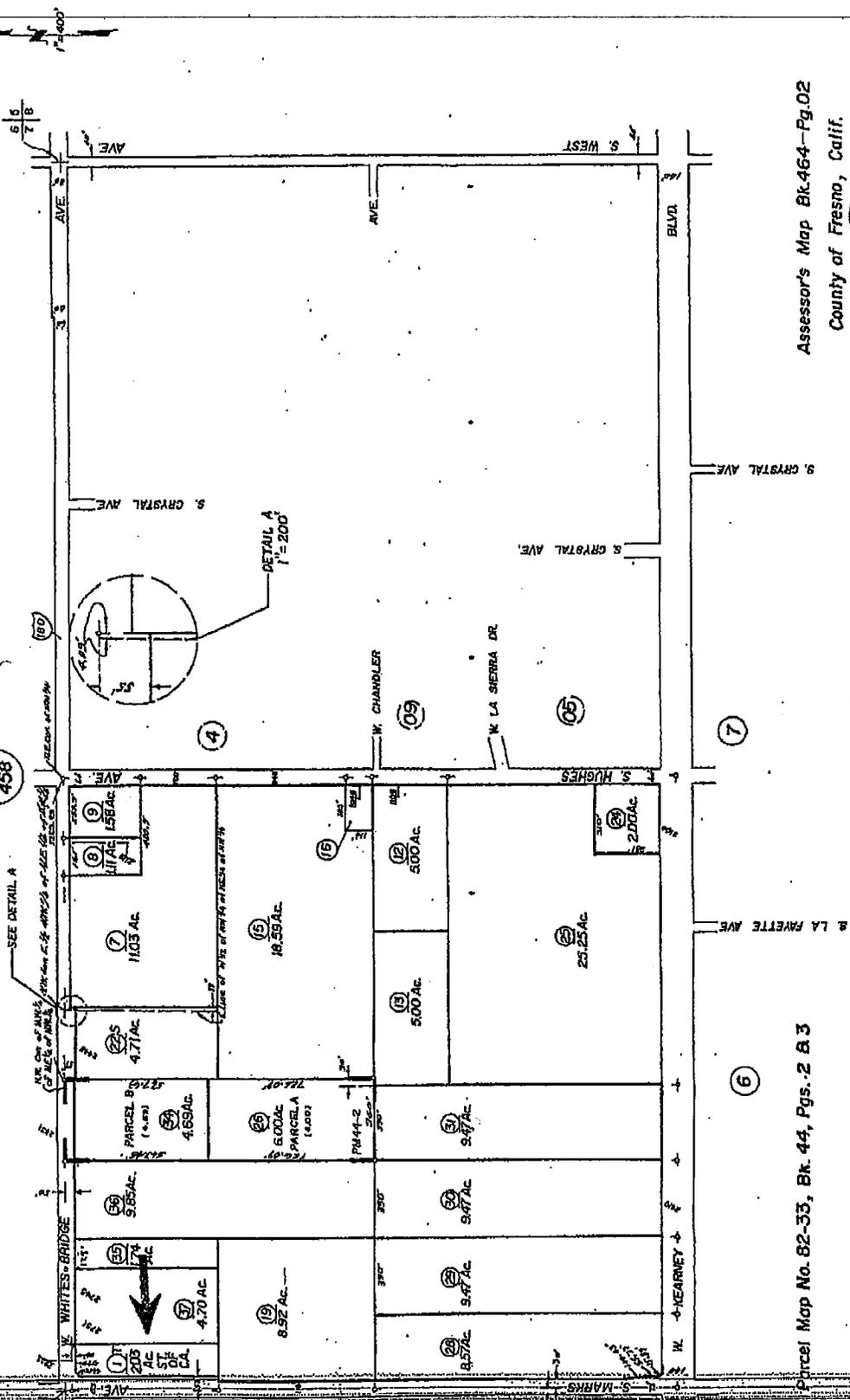
POR. SEC. 7, T.14S, R.20E. M.D.B. & M.

Tox Area  
3-00  
5-25F  
5-25B

—NOTE—  
This map is for Assessment purposes only.  
It is not to be construed as portraying legal  
ownership or divisions of land for purposes  
of zoning or subdivision law.

1 1/8  
1 1/4  
1 1/2  
1 3/4  
2

Bk 458



Assessor's Map Bk-464-Pg.02  
County of Fresno, Calif.

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

Parcel Map No. 82-33, Bk. 44, Pgs. 2 & 3

THIS IS NEITHER A PLAT NOR A SURVEY. IT IS FURNISHED AS A  
CONVENIENCE TO LOCATE THE LAND INDICATED HEREON WITH REFERENCE  
TO STREETS AND OTHER LAND. NO LIABILITY  
IS ASSUMED BY REASON OF RELIANCE HEREON.

Bk 326

1961

**Vacant Church Property**

2855 West Whitesbridge Road  
Fresno, CA 93706

Inquiry Number: 4182289.6  
January 14, 2015

# The EDR Property Tax Map Report

## EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

## NO COVERAGE

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

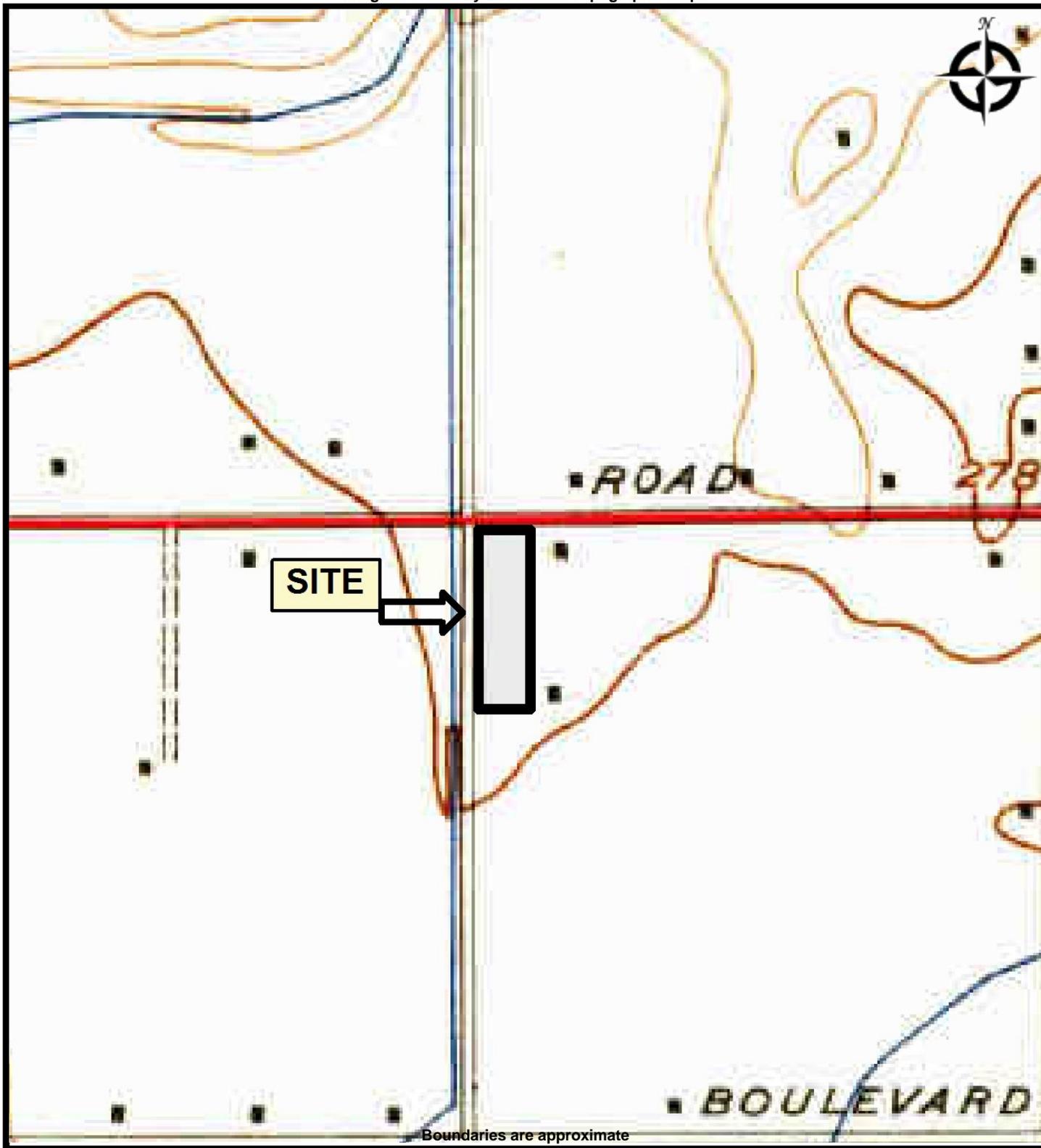
### Disclaimer - Copyright and Trademark Notice

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 OR 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 2015 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.

**Appendix D:**  
**Historical Sources**



TOPO MAP - 1942  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services  
PROJ. MGR: Jeriann Alexander  
DRAWN BY: Philip Marquez

DATE: 2/10/2015  
PROJ. #: 04.72120008.27



Boundaries are approximate



AERIAL - 1946  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

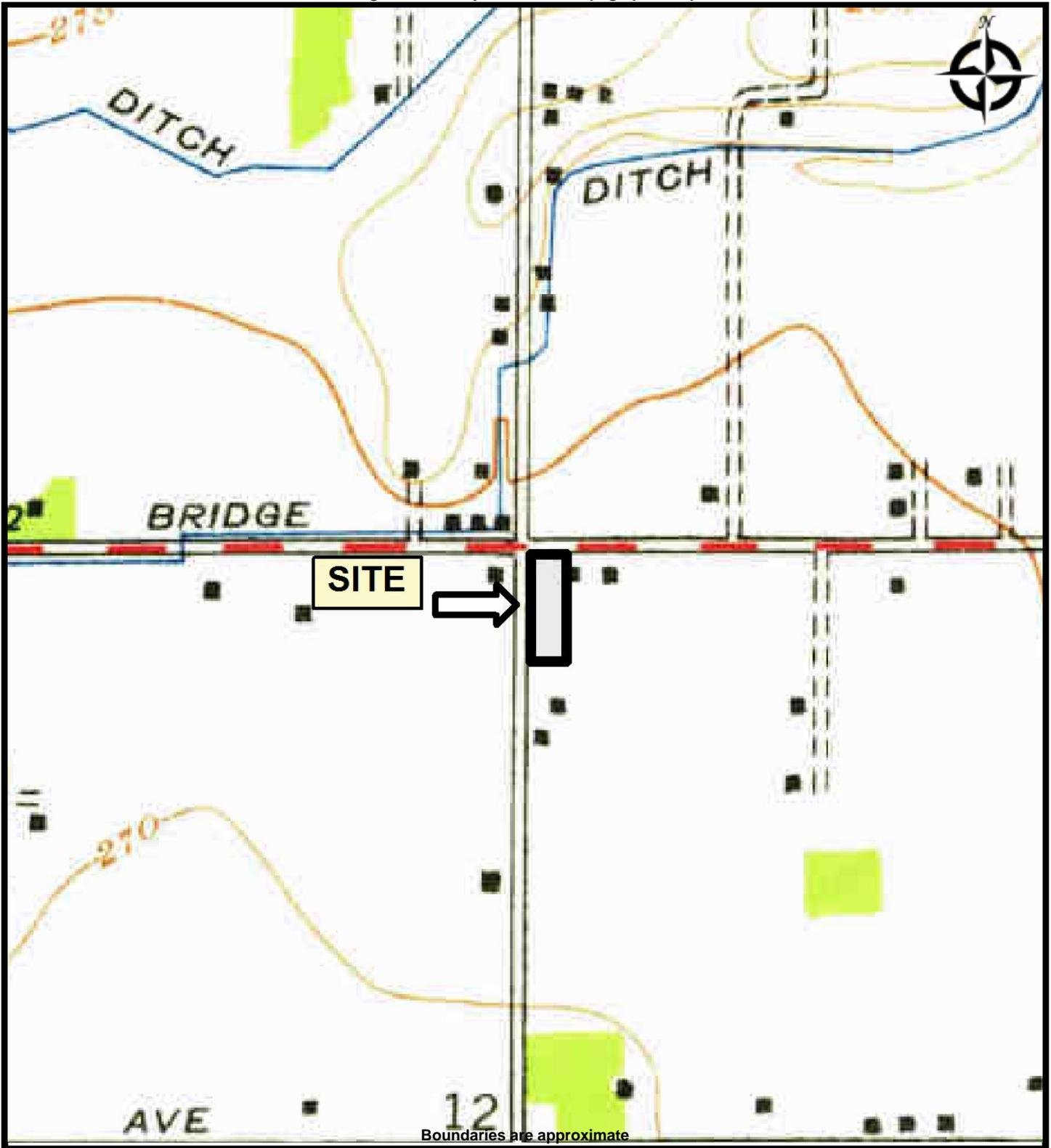
PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



TOPO MAP - 1946  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



Boundaries are approximate



AERIAL - 1957  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



Boundaries are approximate



AERIAL - 1962  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

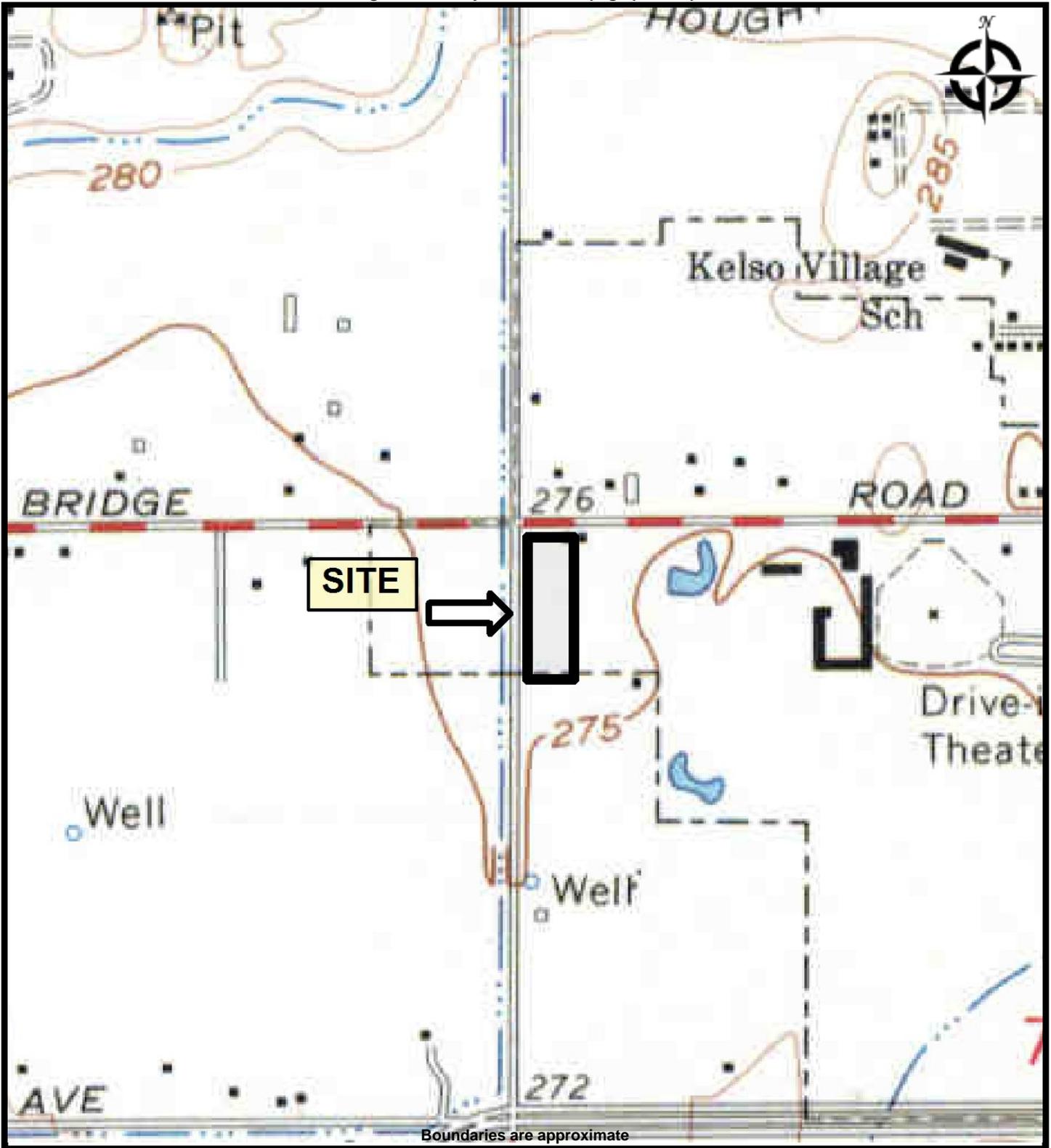
PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



TOPO MAP - 1963-1  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



Boundaries are approximate



AERIAL - 1972  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

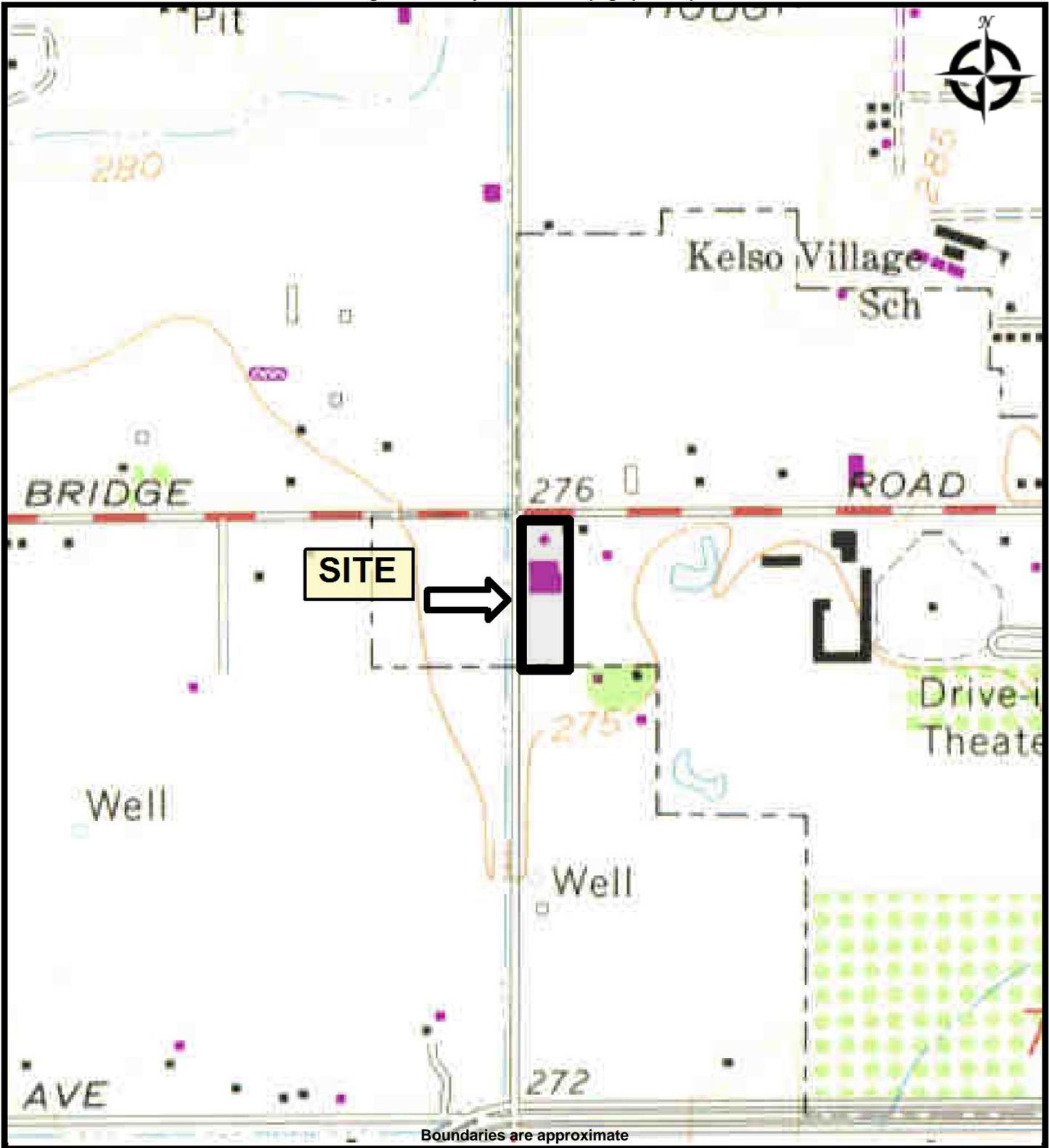
PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



TOPO MAP - 1972  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

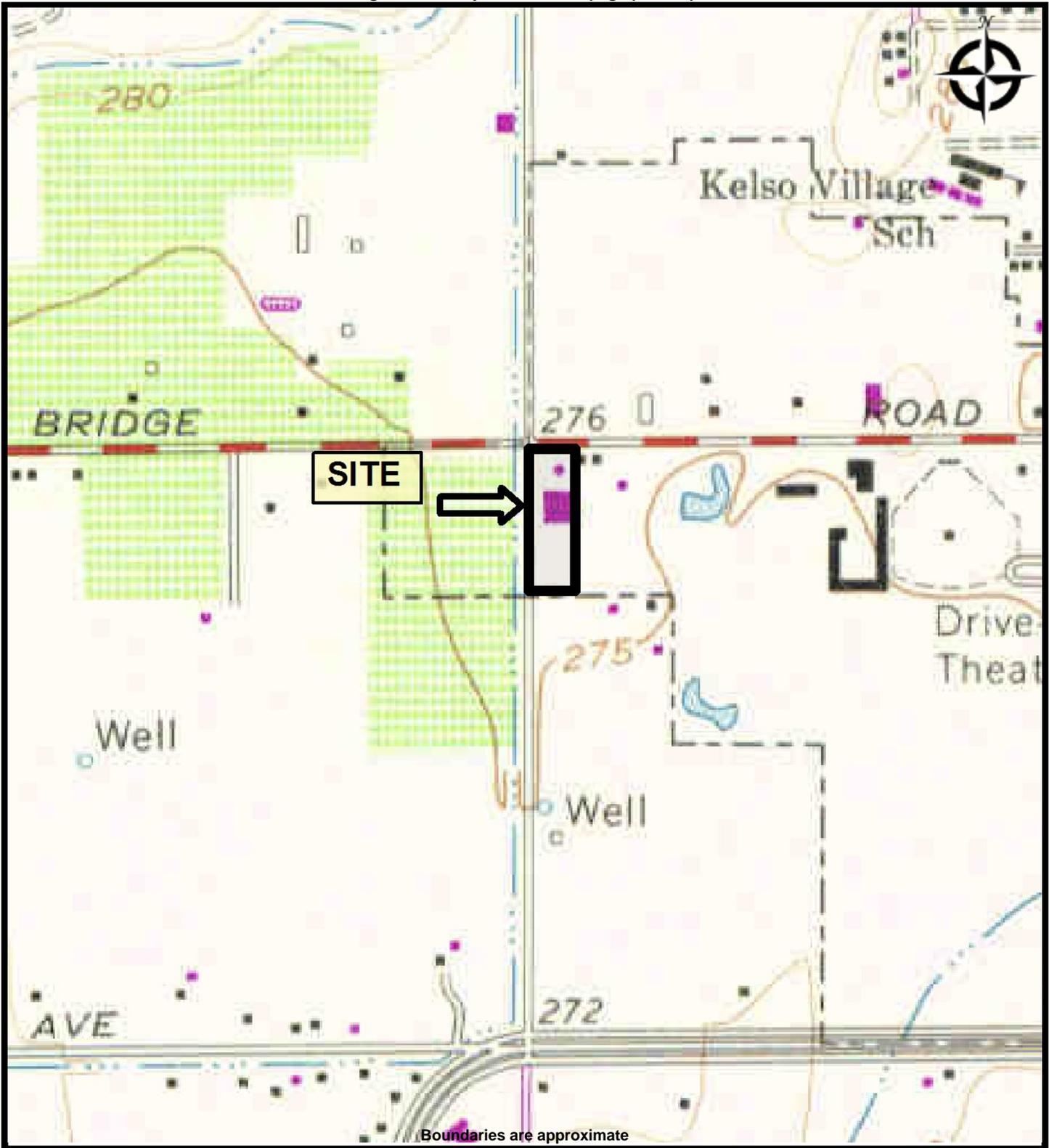
PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



TOPO MAP - 1981  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



AERIAL - 1984  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



Boundaries are approximate



AERIAL - 1987  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

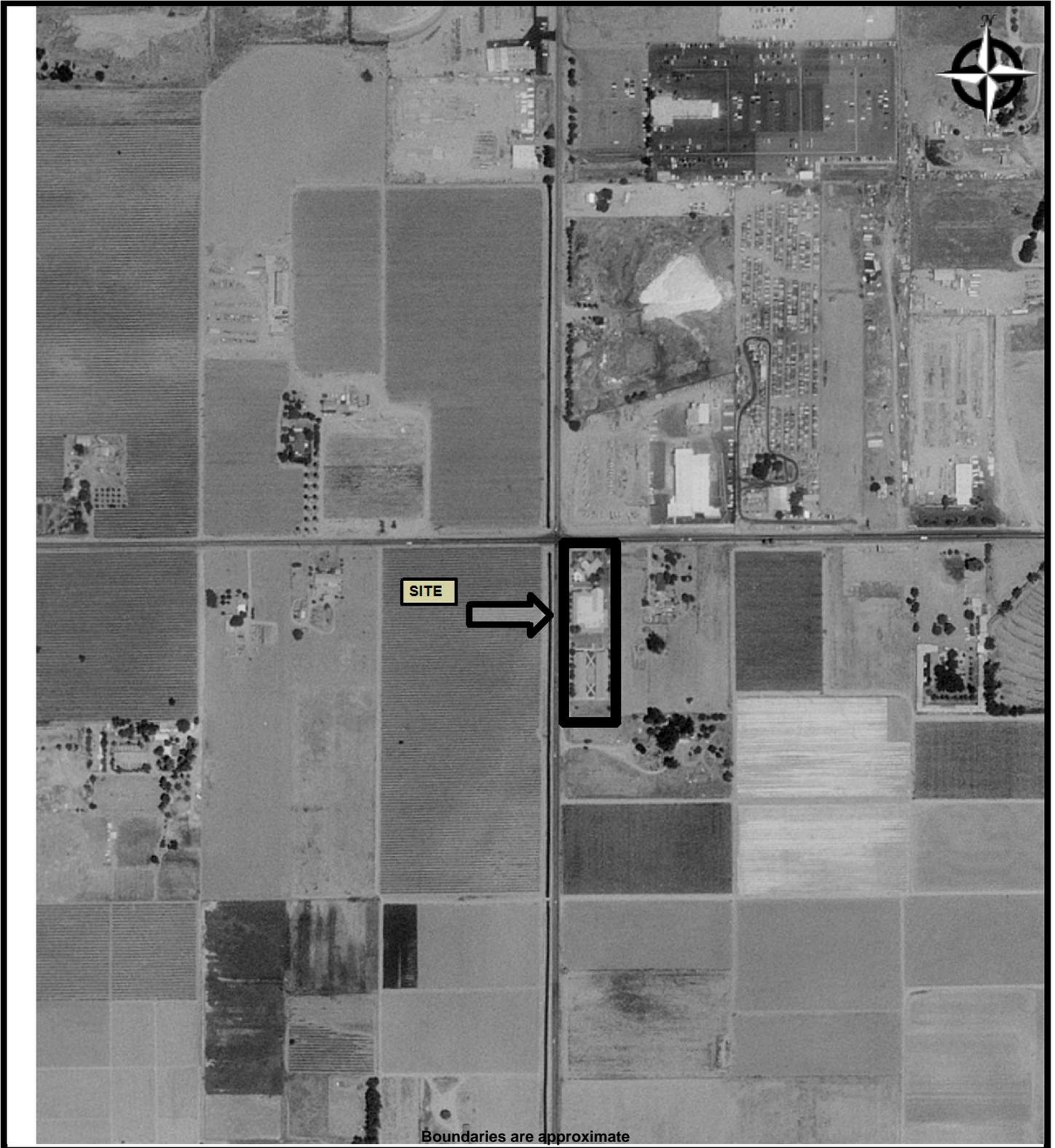
PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



AERIAL - 1998  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



AERIAL - 2005  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



AERIAL - 2006  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



AERIAL - 2009  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



AERIAL - 2010  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27



AERIAL - 2012-1  
WHITESBRIDGE RD  
2855 West Whitesbridge Road  
Fresno California 93706

PREPARED FOR: Department of General Services

PROJ. MGR: Jeriann Alexander

DRAWN BY: Philip Marquez

DATE: 2/10/2015

PROJ. #: 04.72120008.27

**Vacant Church Property**

2855 West Whitesbridge Ave  
Fresno, CA 93706

Inquiry Number: 4182289.5  
January 15, 2015

# The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

*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 OR 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 2015 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

### DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2008. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2008	Cole Information Services	X	X	X	-
2003	Cole Information Services	X	X	X	-
2002	R.L. Polk & Co Publishers	X	X	X	-
1996	R.L. Polk & Co Publishers	X	X	X	-
1990	R.L. Polk & Co Publishers	-	X	X	-
	R.L. Polk & Co Publishers	X	X	X	-
1986	R.L. Polk & Co Publishers	X	X	X	-
1980	R.L. Polk & Co Publishers	X	X	X	-
1975	R.L. Polk & Co Publishers	-	X	X	-
	R.L. Polk & Co Publishers	X	X	X	-
1970	R.L. Polk & Co Publisher	-	X	X	-
	R.L. Polk & Co Publisher	X	X	X	-
1965	R.L. Polk & Co Publisher	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1958	R.L. Polk & Co Publishers	-	X	X	-
1952	R.L. Polk & Co Publishers	-	-	-	-
1947	R.L. Polk & Co Publishers	-	-	-	-
1942	R.L. Polk & Co Publishers	-	-	-	-
1937	R.L. Polk & Co Publishers	-	-	-	-
1932	R.L. Polk & Co Publishers	-	-	-	-
1927	R.L. Polk & Co Publishers	-	-	-	-
1922	Polk: Husted Directory Co.	-	-	-	-

## EXECUTIVE SUMMARY

### SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
2730 West Whitesbridge Avenue	Client Entered	X

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

2855 West Whitesbridge Ave  
Fresno, CA 93706

### FINDINGS DETAIL

Target Property research detail.

### W WHITES BRIDGE AVE

#### 2730 W WHITES BRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	FRESNO TRACTOR INC	Cole Information Services

### W WHITESBRIDGE AVE

#### 2730 W WHITESBRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	FRESNO TRACTOR INC	Cole Information Services
2003	FRESNO TRACTOR INC	Cole Information Services
2002	FRESNO TRACTOR INC contractors equip/supl	R.L. Polk & Co Publishers
1975	Byron Jackson Pump Div pump dirs	R.L. Polk & Co Publishers
1970	Jackson Byron Pumps Div pump dirs	R.L. Polk & Co Publisher

#### 2855 W WHITESBRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	FRENNO FIRST MENTAL HEALTH SYSTEMS	Cole Information Services
2003	MENTAL HEALTH SYSTEMS	Cole Information Services
2002	MENTAL HEALTH SYSTEMS mental health serv	R.L. Polk & Co Publishers

### W WHITESBRIDGE RD

#### 2730 W WHITESBRIDGE RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	B W I D International Inc pump mfrs	R.L. Polk & Co Publishers
1986	Jackson Byron Pumps Borg Warner Indus Prods Inc dirs	R.L. Polk & Co Publishers R.L. Polk & Co Publishers
1980	Jackson Byron Pumps pump dlrs	R.L. Polk & Co Publishers

## FINDINGS

### 2855 W WHITESBRIDGE RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	THIRD FLOOR	R.L. Polk & Co Publishers
1986	Bethesda Apostolic Church	R.L. Polk & Co Publishers
1980	Bethesda Apostolic Church	R.L. Polk & Co Publishers

### West Whitesbridge Avenue

#### 2730 West Whitesbridge Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FRESNO TRACTOR INC contractors equip/supl	R.L. Polk & Co Publishers
1990	B W I D International Inc pump mfrs	R.L. Polk & Co Publishers
1986	Jackson Byron Pumps Borg	R.L. Polk & Co Publishers
	Warner Indus Prods Inc dirs	R.L. Polk & Co Publishers
1980	Jackson Byron Pumps pump dlrs	R.L. Polk & Co Publishers
1975	Byron Jackson Pump Div pump dirs	R.L. Polk & Co Publishers
1970	Jackson Byron Pumps Div pump dirs	R.L. Polk & Co Publisher

# FINDINGS

## ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

### MARKS AVE N

#### **1 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Moberg Tiny	R.L. Polk & Co Publishers

#### **10 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Bevin Dave	R.L. Polk & Co Publishers

#### **11 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Tallant Lillie	R.L. Polk & Co Publishers

#### **12 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Herefred C L	R.L. Polk & Co Publishers
	Emerson Clayton	R.L. Polk & Co Publishers

#### **13 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Jonea Ronald	R.L. Polk & Co Publishers

#### **14 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Severson Burt	R.L. Polk & Co Publishers
	Vacant Spa	R.L. Polk & Co Publishers

#### **15 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Portis Robt	R.L. Polk & Co Publishers

#### **16 MARKS AVE N**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Pennyton John	R.L. Polk & Co Publishers

## FINDINGS

### 17 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Ferguson Ray	R.L. Polk & Co Publishers

### 18 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Runion S	R.L. Polk & Co Publishers

### 19 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Dalrymple Don W	R.L. Polk & Co Publishers

### 2 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Green Homer	R.L. Polk & Co Publishers
	Vacant Spa	R.L. Polk & Co Publishers

### 20 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers
	Palmer Richd	R.L. Polk & Co Publishers
1958	7 Polley Richd G	R.L. Polk & Co Publishers

### 21 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers
	Baker Bill	R.L. Polk & Co Publishers

### 22 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Dozier C	R.L. Polk & Co Publishers
	Jagger Edw	R.L. Polk & Co Publishers

### 23 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

### 24 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

## FINDINGS

### 25 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

### 26 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Papagni Judy	R.L. Polk & Co Publishers

### 27 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant Sp	R.L. Polk & Co Publishers

### 3 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Kidwell Bill	R.L. Polk & Co Publishers

### 32 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Scruggs Michi	R.L. Polk & Co Publishers

### 33 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant Spa	R.L. Polk & Co Publishers

### 39 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Clements Walter	R.L. Polk & Co Publishers

### 4 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Cherry Lewis	R.L. Polk & Co Publishers

### 40 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Bastings James F	R.L. Polk & Co Publishers

### 41 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant Sps	R.L. Polk & Co Publishers

### 48 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Higgins Donald	R.L. Polk & Co Publishers

## FINDINGS

### 49 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

### 5 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Prater Mark	R.L. Polk & Co Publishers

### 50 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

### 51 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Hernandez Sami	R.L. Polk & Co Publishers

### 52 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant Spa	R.L. Polk & Co Publishers

### 57 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

### 59 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

### 6 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Yocum Dovie	R.L. Polk & Co Publishers

### 60 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Delgado Michi	R.L. Polk & Co Publishers

### 61 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Heath Bill	R.L. Polk & Co Publishers

### 62 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant Spa	R.L. Polk & Co Publishers

## FINDINGS

### 66 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Packard Edw	R.L. Polk & Co Publishers

### 68 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

### 7 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Maraia Ernest	R.L. Polk & Co Publishers
	Betzer Doris Mrs	R.L. Polk & Co Publishers

### 72 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Ditneyer Michi	R.L. Polk & Co Publishers

### 73 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant Sps	R.L. Polk & Co Publishers

### 8 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Moyer Clarence	R.L. Polk & Co Publishers
	Vacant Spa	R.L. Polk & Co Publishers

### 80 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Powell Robt	R.L. Polk & Co Publishers

### 81 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant Spa	R.L. Polk & Co Publishers

### 85 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Everett Dani	R.L. Polk & Co Publishers

### 86 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Vacant	R.L. Polk & Co Publishers

## FINDINGS

### 9 MARKS AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Spring A	R.L. Polk & Co Publishers

### N MARKS AVE

#### 1 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Og 9 Stanislas Tammy M	R.L. Polk & Co Publishers
	Not Verified 9 Apis	R.L. Polk & Co Publishers
1990	15Montjano Max	R.L. Polk & Co Publishers
	1 Green Gilbert	R.L. Polk & Co Publishers
	10Losongco Tommy J	R.L. Polk & Co Publishers
	19Rodriguez Letic	R.L. Polk & Co Publishers
	17Barfoot Birtie	R.L. Polk & Co Publishers
	17Chavez Joe B	R.L. Polk & Co Publishers
	N MARKS AV Contd	R.L. Polk & Co Publishers
	10Morris Vern	R.L. Polk & Co Publishers
	12Roberts Jimmy	R.L. Polk & Co Publishers
	14Arle Roberto	R.L. Polk & Co Publishers
	15Valdez Rosemary	R.L. Polk & Co Publishers
	17Pearson Loren	R.L. Polk & Co Publishers
	14Schweizer Werner	R.L. Polk & Co Publishers
	19Harrell Frances	R.L. Polk & Co Publishers
	10Mc Intosh Lynn	R.L. Polk & Co Publishers
	Berry Gene	R.L. Polk & Co Publishers
	13Tobler Dennis	R.L. Polk & Co Publishers
	15Dorman Mary	R.L. Polk & Co Publishers
	17Hemphill Lila	R.L. Polk & Co Publishers
	18Keith Olson	R.L. Polk & Co Publishers
	14ACross Davis	R.L. Polk & Co Publishers
1980	Vacant	R.L. Polk & Co Publishers
	10Stevens Clifford	R.L. Polk & Co Publishers

#### 10 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	No Return	R.L. Polk & Co Publishers
	N MARKS AV Contd	R.L. Polk & Co Publishers
1980	Gray C	R.L. Polk & Co Publishers

## FINDINGS

### 11 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Winston Nancy L	R.L. Polk & Co Publishers
1990	14Palmer Ethel	R.L. Polk & Co Publishers
	:1126 Powers Electric Products Co	R.L. Polk & Co Publishers
	De Vault John	R.L. Polk & Co Publishers
1980	Vacant	R.L. Polk & Co Publishers

### 12 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Yagi John	R.L. Polk & Co Publishers
1990	2325 No Return	R.L. Polk & Co Publishers
	Yagi John	R.L. Polk & Co Publishers
1980	Hereford Clarence L	R.L. Polk & Co Publishers

### 14 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Not Verified 7 Apts	R.L. Polk & Co Publishers
1990	January Arland	R.L. Polk & Co Publishers
1980	Vacant	R.L. Polk & Co Publishers

### 15 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Moles Ernest	R.L. Polk & Co Publishers
1980	Hudson Ken R	R.L. Polk & Co Publishers

### 16 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Bennett Bill	R.L. Polk & Co Publishers
1980	Vacant	R.L. Polk & Co Publishers

### 17 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Garner Gerald	R.L. Polk & Co Publishers
1980	Ferguson R W	R.L. Polk & Co Publishers

### 18 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Clelland Rosalee L Mrs	R.L. Polk & Co Publishers
1980	Flores N	R.L. Polk & Co Publishers

## FINDINGS

### 19 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	No Return 2 Sps	R.L. Polk & Co Publishers
1980	Knight J	R.L. Polk & Co Publishers

### 2 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Green Leta Mrs	R.L. Polk & Co Publishers
1980	Green Homer	R.L. Polk & Co Publishers

### 20 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Vacant	R.L. Polk & Co Publishers

### 21 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Baker Wm E	R.L. Polk & Co Publishers

### 22 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Vacant	R.L. Polk & Co Publishers
1980	Horn Fred M	R.L. Polk & Co Publishers

### 23 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Ramsey Howard J	R.L. Polk & Co Publishers

### 24 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Vacant	R.L. Polk & Co Publishers

### 3 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Baker Jos W	R.L. Polk & Co Publishers
1980	Kidwell Bill H	R.L. Polk & Co Publishers

### 31 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	1Chapman Florence	R.L. Polk & Co Publishers
	1Garcia	R.L. Polk & Co Publishers

## FINDINGS

### 33 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Shropshire Helen I IS	R.L. Polk & Co Publishers

### 4 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Farrell Shari L	R.L. Polk & Co Publishers
1990	Thompson Dewayne	R.L. Polk & Co Publishers
1980	Evans Dorothy E	R.L. Polk & Co Publishers

### 5 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Esler Rick	R.L. Polk & Co Publishers

### 6 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	No Return 2 Sps	R.L. Polk & Co Publishers

### 7 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Welborn M H	R.L. Polk & Co Publishers

### 74 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Diamond National Corp	R.L. Polk & Co Publisher

### 8 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Vacant	R.L. Polk & Co Publishers
1980	Vacant	R.L. Polk & Co Publishers

### 9 N MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Knight Wm C	R.L. Polk & Co Publishers
1980	Johnson W M	R.L. Polk & Co Publishers

### S MARKS AVE

### 116 S MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Somera Connie L	R.L. Polk & Co Publishers

## FINDINGS

### 118 S MARKS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Not Verified	R.L. Polk & Co Publishers
1996	Erlewine Evelyn	R.L. Polk & Co Publishers

### W WHITESBRIDGE AVE

#### 2640 W WHITESBRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	WESTSIDE AUTO DISMANTLING	Cole Information Services
2003	WESTSIDE AUTO DISMANTLING	Cole Information Services
	WSTSD SELF SRVC AUTO DSMNTLNG	Cole Information Services
2002	WESTSIDE SELF SERVICE AUTO auto wreckers mfrs	R.L. Polk & Co Publishers
1975	Santis Inc Br auto access & parts	R.L. Polk & Co Publishers
1970	Santis Inc Br auto access & parts	R.L. Polk & Co Publisher

#### 2740 W WHITESBRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Vacant	R.L. Polk & Co Publisher

#### 2745 W WHITESBRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Mendez Jorge A & Concepcion 81 A	R.L. Polk & Co Publishers
1975	Hesseltine Verda Mrs	R.L. Polk & Co Publishers
1970	Hesseltine Verda Mrs	R.L. Polk & Co Publisher

#### 2749 W WHITESBRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Aurora Robt	R.L. Polk & Co Publisher

#### 2751 W WHITESBRIDGE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Carls Gun Shop	R.L. Polk & Co Publishers
1970	Carls Gun Shop	R.L. Polk & Co Publisher

### W WHITESBRIDGE RD

#### 2640 W WHITESBRIDGE RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SELF SERVICE AUTO	R.L. Polk & Co Publishers
	WESTSIDE	R.L. Polk & Co Publishers

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	West Side Auto Dismantlers	R.L. Polk & Co Publishers
1986	West Side Auto Dismantlers	R.L. Polk & Co Publishers
1980	Santis Inc Br auto access & parts	R.L. Polk & Co Publishers

### 2745 W WHITESBRIDGE RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Hease Hine Carl	R.L. Polk & Co Publishers
	CARLS GUN SHOP	R.L. Polk & Co Publishers
1990	Hesseltine Carl W	R.L. Polk & Co Publishers
1986	Hesseltine Carl W	R.L. Polk & Co Publishers
1980	Hesseltine Verda Mrs	R.L. Polk & Co Publishers

### 2751 W WHITESBRIDGE RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Carls Gun Shop	R.L. Polk & Co Publishers
1986	Carls Gun Shop	R.L. Polk & Co Publishers
1980	Carls Gun Shop	R.L. Polk & Co Publishers

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

#### Address Researched

2855 West Whitesbridge Ave

#### Address Not Identified in Research Source

1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

#### Address Researched

1 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

1 N MARKS AVE

2013, 2008, 2003, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

10 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

10 N MARKS AVE

2013, 2008, 2003, 2002, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

11 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

11 N MARKS AVE

2013, 2008, 2003, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

116 S MARKS AVE

2013, 2008, 2003, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

118 S MARKS AVE

2013, 2008, 2003, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

12 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

12 N MARKS AVE

2013, 2008, 2003, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

13 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

14 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

14 N MARKS AVE

2013, 2008, 2003, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

15 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

15 N MARKS AVE

2013, 2008, 2003, 2002, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

16 MARKS AVE N

2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

16 N MARKS AVE

2013, 2008, 2003, 2002, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922



## FINDINGS

### **Address Researched**

### **Address Not Identified in Research Source**

2740 W WHITESBRIDGE AVE	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1975, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2745 W WHITESBRIDGE AVE	2013, 2008, 2003, 1996, 1990, 1986, 1980, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2745 W WHITESBRIDGE RD	2013, 2008, 2003, 2002, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2749 W WHITESBRIDGE AVE	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1975, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2751 W WHITESBRIDGE AVE	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2751 W WHITESBRIDGE RD	2013, 2008, 2003, 2002, 1996, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
3 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
3 N MARKS AVE	2013, 2008, 2003, 2002, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
31 N MARKS AVE	2013, 2008, 2003, 2002, 1996, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
32 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
33 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
33 N MARKS AVE	2013, 2008, 2003, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
39 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
4 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
4 N MARKS AVE	2013, 2008, 2003, 1996, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
40 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
41 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
48 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
49 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
5 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
5 N MARKS AVE	2013, 2008, 2003, 2002, 1996, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
50 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
51 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
52 MARKS AVE N	2013, 2008, 2003, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922



**Vacant Church Property**

2855 West Whitesbridge Road  
Fresno, CA 93706

Inquiry Number: 4182289.8  
January 15, 2015

# EDR Building Permit Report

Target Property and Adjoining Properties

## TABLE OF CONTENTS

### **SECTION**

**About This Report**

**Executive Summary**

**Findings**

**Glossary**

***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 OR 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 2015 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.

# EDR BUILDING PERMIT REPORT

## About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

## ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

## Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



## EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Fugro West, Inc. on Jan 15, 2015.

### TARGET PROPERTY

2855 West Whitesbridge Road  
Fresno, CA 93706

### SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

### RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

### Fresno

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2014	City of Fresno, Building and Safety Services		
2013	City of Fresno, Building and Safety Services		X
2012	City of Fresno, Building and Safety Services		
2011	City of Fresno, Building and Safety Services		
2010	City of Fresno, Building and Safety Services		
2009	City of Fresno, Building and Safety Services		
2008	City of Fresno, Building and Safety Services	X	
2007	City of Fresno, Building and Safety Services		
2006	City of Fresno, Building and Safety Services		
2005	City of Fresno, Building and Safety Services		
2004	City of Fresno, Building and Safety Services		
2003	City of Fresno, Building and Safety Services		
2002	City of Fresno, Building and Safety Services		
2001	City of Fresno, Building and Safety Services		X
2000	City of Fresno, Building and Safety Services		X
	City of Fresno, Building and Safety Services	X	

### BUILDING DEPARTMENT RECORDS SEARCHED

Name: Fresno  
Years: 2000-2014  
Source: City of Fresno, Building and Safety Services, Fresno, CA  
Phone: (559) 621-8082

Name: Clovis  
Years: 1997-2014  
Source: City of Clovis, Building Permits and Inspections, CLOVIS, CA  
Phone: (559) 324-2340

Name: Fresno County Unincorporated Area  
Years: 2009-2014  
Source: Fresno County, Public Works and Planning, FRESNO, CA  
Phone: (559) 262-4078

Name: Redding  
Years: 1987-2014  
Source: City of Redding, Development Services, Building Division, BLOOMINGTON, CA  
Phone: 530-225-4014

Name: San Bernardino County  
Years: 2002-2014  
Source: San Bernardino County, Land Use, Building & Safety, San Bernardino, CA  
Phone: (909) 387-8311

Name: Madera County Unincorporated Area  
Years: 2001-2013  
Source: County of Madera, Planning Department, Madera, CA  
Phone: (559) 675-7821

## TARGET PROPERTY FINDINGS

### TARGET PROPERTY DETAIL

**2855 West Whitesbridge Road  
Fresno, CA 93706**

#### **2855 W WHITES BRIDGE AVE**

Date: **4/17/2008**  
Permit Type: **ROOF**  
Description:  
Permit Description: **REROOF COM**  
Work Class:  
Proposed Use:  
Permit Number: 08-00002210  
Status: FINAL INSPECTION COMPLETE  
Valuation: \$96,950.00  
Contractor Company:  
Contractor Name: FRESNO ROOFING CO INC

Date: **6/19/2000**  
Permit Type: **PADA**  
Description:  
Permit Description: **PLUMBING COM ADD/ALT**  
Work Class:  
Proposed Use:  
Permit Number: 00-00004619  
Status: PERMIT PRINTED  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: RUSSELL KENT PLUMBING

## TARGET PROPERTY FINDINGS

### 2855 WEST WHITESBRIDGE ROAD

Date: **4/17/2008**  
Permit Type: **ROOF**  
Description:  
Permit Description: **REROOF COM**  
Work Class:  
Proposed Use:  
Permit Number: 08-00002210  
Status: FINAL INSPECTION COMPLETE  
Valuation: \$96,950.00  
Contractor Company:  
Contractor Name: FRESNO ROOFING CO INC

Date: **6/19/2000**  
Permit Type: **PADA**  
Description:  
Permit Description: **PLUMBING COM ADD/ALT**  
Work Class:  
Proposed Use:  
Permit Number: 00-00004619  
Status: PERMIT PRINTED  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: RUSSELL KENT PLUMBING

## ADJOINING PROPERTY FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### S MARKS AVE

##### **100 S MARKS AVE**

Date: **3/21/2013**  
Permit Type: **GRAD**  
Description:

Permit Description: **GRADING PERMIT VALUE = CUYDS**  
Work Class:  
Proposed Use:  
Permit Number: 13-00002391  
Status: PERMIT PRINTED  
Valuation: \$0.00  
Contractor Company:  
Contractor Name:

##### **116 S MARKS AVE**

Date: **11/1/2000**  
Permit Type: **PSFA**  
Description:

Permit Description: **PLUMBING SFR ADD/ALT**  
Work Class:  
Proposed Use:  
Permit Number: 00-00007686  
Status: FINAL INSPECTION COMPLETE  
Valuation: \$0.00  
Contractor Company:  
Contractor Name:

## ADJOINING PROPERTY FINDINGS

### 51 S MARKS AVE

Date: **7/22/2013**  
Permit Type: **ECSA**  
Description:

Permit Description: **ELECTRICAL COM MISC**  
Work Class:  
Proposed Use:  
Permit Number: 13-00004935  
Status: FINAL INSPECTION COMPLETE  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: WESTERN UNDERGROUND CORP

Date: **12/20/2001**  
Permit Type: **ECO A**  
Description:

Permit Description: **ELECTRICAL - COM ADD/ALT**  
Work Class:  
Proposed Use:  
Permit Number: 01-00009190  
Status: FINAL INSPECTION COMPLETE  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: VALLEY PUMP & DAIRY SYSTEMS

## GLOSSARY

### General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other common reasons for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

## GLOSSARY

### Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

### Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 10100000405

Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.



**Vacant Church Property**

2855 West Whitesbridge Road

Fresno, CA 93706

Inquiry Number: 4182289.3

January 14, 2015

## Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

1/14/15

**Site Name:**

Vacant Church Property  
2855 West Whitesbridge Road  
Fresno, CA 93706

**Client Name:**

Fugro West, Inc.  
1000 Broadway  
Oakland, CA 94607



EDR Inquiry # 4182289.3

Contact: James Helge

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Fugro West, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Site Name:** Vacant Church Property  
**Address:** 2855 West Whitesbridge Road  
**City, State, Zip:** Fresno, CA 93706  
**Cross Street:**  
**P.O. #** NA  
**Project:** 04.72120008  
**Certification #** A1C8-4FF5-A104



Sanborn® Library search results  
Certification # A1C8-4FF5-A104

## UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

*The Sanborn Library LLC Since 1866™*

## Limited Permission To Make Copies

Fugro West, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

### 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 2015 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.

**Appendix E:**  
**EDR Database Report**

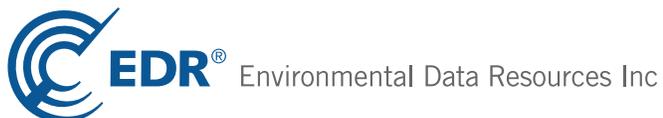
**Vacant Church Property**

2855 West Whitesbridge Road  
Fresno, CA 93706

Inquiry Number: 4182289.2s

January 14, 2015

## EDR Summary Radius Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	8
Orphan Summary .....	43
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-11
Physical Setting Source Map Findings .....	A-13
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 2015 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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

2855 WEST WHITESBRIDGE ROAD  
FRESNO County, CA 93706

#### COORDINATES

Latitude (North): 36.7347000 - 36° 44' 4.92"  
Longitude (West): 119.8440000 - 119° 50' 38.40"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 246039.5  
UTM Y (Meters): 4069011.5  
Elevation: 279 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP  
Source: USGS 7.5 min quad index

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120630  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
2855 WEST WHITESBRIDGE ROAD  
, CA 93706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
A1	CA DEPARTMENT OF COR	2855 W WHITESBRIDGE	HAZNET		TP
A2	FAMILY FOUNDATION FR	2855 W WHITESBRIDGE	HAZNET		TP
A3	CA DEPT OF CORRECTIO	2855 WHITESBRIDGE RD	HAZNET		TP
A4	CA DEPT OF CORRECTIO	2855 WHITESBRIDGE RD	HAZNET		TP
A5	WESTSIDE USED TIRES	116 S MARKS	CUPA Listings	Lower	34, SSW
6	CALTRANS	N MARKS & HIGHWAY 18	CUPA Listings	Higher	69, NNW
B7	BYRON JACKSON PUMP D	2730 W WHITESBRIDGE	CA FID UST, HIST UST, CUPA Listings, SWEEPS UST,...	Lower	611, ENE
B8	WESTSIDE AUTO DISMAN	2640 W. WHITES BRIDG	RCRA-SQG	Lower	854, ENE
B9	WESTSIDE AUTO DISMAN	2640 W WHITESBRIDGE	CUPA Listings, WDS	Lower	854, ENE
C10	BALOIAN PACKING	3138 W WHITESBRIDGE	AST	Lower	943, WNW
C11	BALOIAN PACKING COMP	3138 W WHITESBRIDGE	RCRA-SQG, FINDS, CUPA Listings, HAZNET	Lower	943, WNW
D12	YAWEH'S BEST	2540 W WHITESBRIDGE	CUPA Listings	Lower	1126, ENE
D13	FRESNO CHARTERS SERV	2490 W WHITESBRIDGE	CUPA Listings	Higher	1261, ENE
D14		2490 W WHITESBRIDGE	EDR US Hist Auto Stat	Higher	1261, ENE
15	GARY & DEBORAH METZG	190 N MARKS	CUPA Listings	Higher	1286, North
D16	RAIN FOR RENT INC.	2474 W WHITESBRIDGE	CA FID UST, SWEEPS UST	Higher	1305, ENE
D17	RAIN FOR RENT INC.	2474 W WHITESBRIDGE	HIST UST	Higher	1305, ENE
D18	RAIN FOR RENT	2474 W WHITES BRIDGE	CUPA Listings	Higher	1305, ENE
D19	WESTSIDE AUTO DISMAN	2640 WEST WHITEBRIDG	DEED, VCP, ENVIROSTOR	Higher	1336, ENE
20	FRESNO DRUM	700 AND 733 SOUTH HU	ENVIROSTOR	Higher	1854, East
E21	FRESNO DRUM WESTERN	700 S. HUGHES AVENUE	SLIC, CUPA Listings	Higher	2391, East
E22	DAN GREEN'S WOOD REC	733 S HUGHES	SLIC, CUPA Listings	Higher	2400, East
E23	FRESNO DRUM SITE	733 SOUTH HUGHES AVE	CERCLIS	Higher	2400, East
24	KEMMER RESIDENCE	511 HUGHES	HIST CORTESE, LUST	Higher	2451, ENE
E25	ART'S MERCANTILE	2082 WHITESBRIDGE RD	HIST CORTESE, LUST, CUPA Listings	Higher	2476, East

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CA DEPARTMENT OF COR 2855 W WHITESBRIDGE FRESNO, CA 93706	HAZNET	N/A
FAMILY FOUNDATION FR 2855 W WHITESBRIDGE FRESNO, CA 93706	HAZNET	N/A
CA DEPT OF CORRECTIO 2855 WHITESBRIDGE RD FRESNO, CA 93706	HAZNET	N/A
CA DEPT OF CORRECTIO 2855 WHITESBRIDGE RD FRESNO, CA 93706	HAZNET	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.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal CERCLIS list***

CERCLIS: A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FRESNO DRUM SITE	733 SOUTH HUGHES AVE	E 1/4 - 1/2 (0.455 mi.)	E23	12

## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTSIDE AUTO DISMAN <b>BALOIAN PACKING COMP</b>	2640 W. WHITES BRIDG <b>3138 W WHITESBRIDGE</b>	ENE 1/8 - 1/4 (0.162 mi.) <b>WNW 1/8 - 1/4 (0.179 mi.)</b>	B8 <b>C11</b>	9 <b>10</b>

### ***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: A review of the ENVIROSTOR list, as provided by EDR, and dated 11/03/2014 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WESTSIDE AUTO DISMAN</b> Status: Certified O&M - Land Use Restrictions Only	<b>2640 WEST WHITEBRIDG</b>	<b>ENE 1/4 - 1/2 (0.253 mi.)</b>	<b>D19</b>	<b>11</b>
FRESNO DRUM Status: Inactive - Needs Evaluation	700 AND 733 SOUTH HU	E 1/4 - 1/2 (0.351 mi.)	20	12

### ***State and tribal leaking storage tank lists***

LUST: A review of the LUST list, as provided by EDR, and dated 12/12/2014 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>KEMMER RESIDENCE</b> Status: Completed - Case Closed	<b>511 HUGHES</b>	<b>ENE 1/4 - 1/2 (0.464 mi.)</b>	<b>24</b>	<b>13</b>
<b>ART'S MERCANTILE</b> Status: Completed - Case Closed	<b>2082 WHITESBRIDGE RD</b>	<b>E 1/4 - 1/2 (0.469 mi.)</b>	<b>E25</b>	<b>13</b>

SLIC: A review of the SLIC list, as provided by EDR, and dated 12/12/2014 has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FRESNO DRUM WESTERN</b> Facility Status: Completed - Case Closed	<b>700 S. HUGHES AVENUE</b>	<b>E 1/4 - 1/2 (0.453 mi.)</b>	<b>E21</b>	<b>12</b>
<b>DAN GREEN'S WOOD REC</b> Facility Status: Open - Site Assessment	<b>733 S HUGHES</b>	<b>E 1/4 - 1/2 (0.455 mi.)</b>	<b>E22</b>	<b>12</b>

## EXECUTIVE SUMMARY

### ***State and tribal registered storage tank lists***

AST: A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BALOIAN PACKING	3138 W WHITESBRIDGE	WNW 1/8 - 1/4 (0.179 mi.)	C10	9

### ***State and tribal voluntary cleanup sites***

VCP: A review of the VCP list, as provided by EDR, and dated 11/03/2014 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTSIDE AUTO DISMAN	2640 WEST WHITEBRIDG	ENE 1/4 - 1/2 (0.253 mi.)	D19	11

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Registered Storage Tanks***

CA FID UST: A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RAIN FOR RENT INC.	2474 W WHITESBRIDGE	ENE 1/8 - 1/4 (0.247 mi.)	D16	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BYRON JACKSON PUMP D	2730 W WHITESBRIDGE	ENE 0 - 1/8 (0.116 mi.)	B7	9

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RAIN FOR RENT INC.	2474 W WHITESBRIDGE	ENE 1/8 - 1/4 (0.247 mi.)	D17	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BYRON JACKSON PUMP D	2730 W WHITESBRIDGE	ENE 0 - 1/8 (0.116 mi.)	B7	9

## EXECUTIVE SUMMARY

SWEEPS UST: A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>RAIN FOR RENT INC.</i>	<i>2474 W WHITESBRIDGE</i>	<i>ENE 1/8 - 1/4 (0.247 mi.)</i>	<i>D16</i>	<i>11</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BYRON JACKSON PUMP D</i>	<i>2730 W WHITESBRIDGE</i>	<i>ENE 0 - 1/8 (0.116 mi.)</i>	<i>B7</i>	<i>9</i>

### Local Land Records

DEED: A review of the DEED list, as provided by EDR, and dated 09/08/2014 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>WESTSIDE AUTO DISMAN</i>	<i>2640 WEST WHITEBRIDG</i>	<i>ENE 1/4 - 1/2 (0.253 mi.)</i>	<i>D19</i>	<i>11</i>

### Other Ascertainable Records

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>KEMMER RESIDENCE</i>	<i>511 HUGHES</i>	<i>ENE 1/4 - 1/2 (0.464 mi.)</i>	<i>24</i>	<i>13</i>
<i>ART'S MERCANTILE</i>	<i>2082 WHITESBRIDGE RD</i>	<i>E 1/4 - 1/2 (0.469 mi.)</i>	<i>E25</i>	<i>13</i>

CUPA Listings: A review of the CUPA Listings list, as provided by EDR, has revealed that there are 9 CUPA Listings sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CALTRANS</i>	<i>N MARKS &amp; HIGHWAY 18</i>	<i>NNW 0 - 1/8 (0.013 mi.)</i>	<i>6</i>	<i>8</i>
<i>FRESNO CHARTERS SERV</i>	<i>2490 W WHITESBRIDGE</i>	<i>ENE 1/8 - 1/4 (0.239 mi.)</i>	<i>D13</i>	<i>10</i>
<i>GARY &amp; DEBORAH METZG</i>	<i>190 N MARKS</i>	<i>N 1/8 - 1/4 (0.244 mi.)</i>	<i>15</i>	<i>10</i>
<i>RAIN FOR RENT</i>	<i>2474 W WHITES BRIDGE</i>	<i>ENE 1/8 - 1/4 (0.247 mi.)</i>	<i>D18</i>	<i>11</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>WESTSIDE USED TIRES</i>	<i>116 S MARKS</i>	<i>SSW 0 - 1/8 (0.006 mi.)</i>	<i>A5</i>	<i>8</i>
<i>BYRON JACKSON PUMP D</i>	<i>2730 W WHITESBRIDGE</i>	<i>ENE 0 - 1/8 (0.116 mi.)</i>	<i>B7</i>	<i>9</i>
<i>WESTSIDE AUTO DISMAN</i>	<i>2640 W WHITESBRIDGE</i>	<i>ENE 1/8 - 1/4 (0.162 mi.)</i>	<i>B9</i>	<i>9</i>
<i>BALOIAN PACKING COMP</i>	<i>3138 W WHITESBRIDGE</i>	<i>WNW 1/8 - 1/4 (0.179 mi.)</i>	<i>C11</i>	<i>10</i>
<i>YAWEH'S BEST</i>	<i>2540 W WHITESBRIDGE</i>	<i>ENE 1/8 - 1/4 (0.213 mi.)</i>	<i>D12</i>	<i>10</i>

# EXECUTIVE SUMMARY

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

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

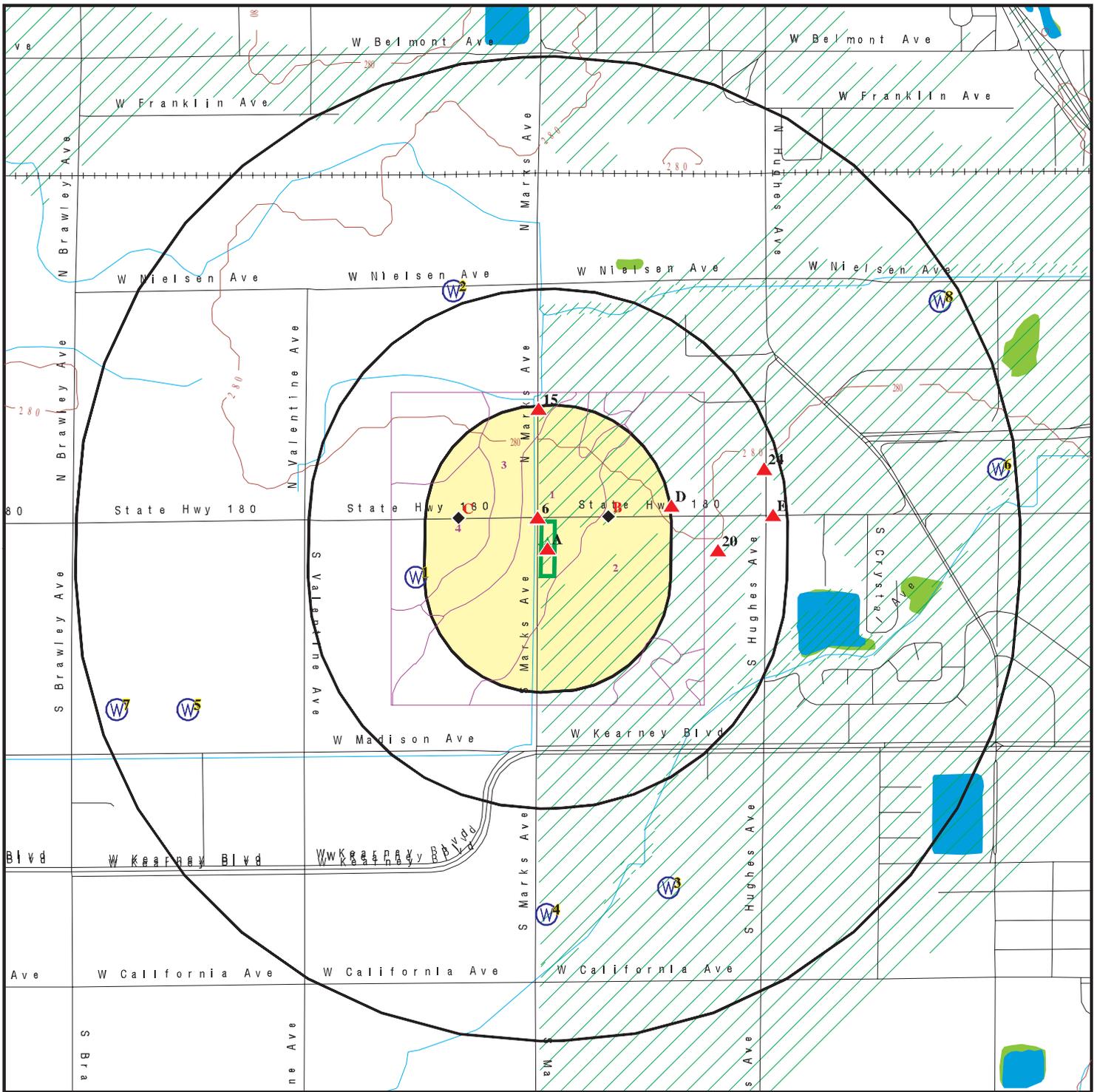
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2490 W WHITESBRIDGE	ENE 1/8 - 1/4 (0.239 mi.)	D14	10

Count: 7 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EASTON	S108996929		MARKS AVE, 1/2 MILE S OF AMERI	93706	CDL
FRESNO	S107030086	NICK'S TRUCKING, INC.	SW CORNER N. MARKS AND W BELMO		SWF/LF
FRESNO	S110654083	CALTRANS	MARKS AVENUE & HIGHWAY 180		LUST
FRESNO	S108541432	CALTRANS	MARKS AVENUE & HIGHWAY 180		LUST
FRESNO	S109821535	NICK'S TRUCKING	SWC BELMONT AND MARKS AVE.		SWF/LF
FRESNO COUNTY	S107538734		HIGHWAY 180 (2 MI W OF HWY 63)		CDL
FRESNO COUNTY	S107539239		LONE GOUSE DUCK CLUB/1 MI NOF		CDL

# OVERVIEW MAP - 4182289.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

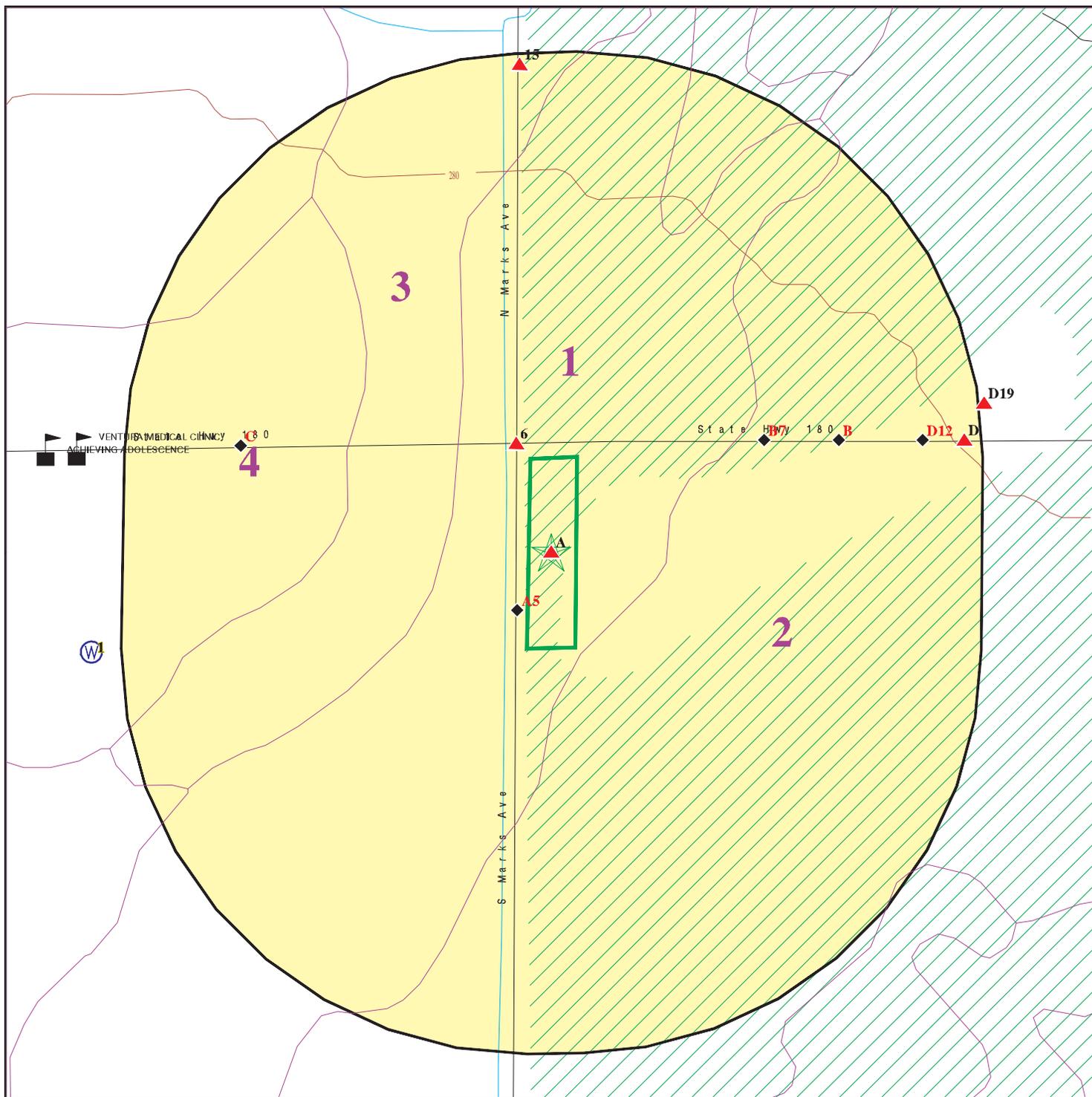
Areas of Concern

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

SITE NAME: Vacant Church Property  
 ADDRESS: 2855 West Whitesbridge Road  
 Fresno CA 93706  
 LAT/LONG: 36.7347 / 119.844

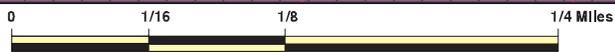
CLIENT: Fugro West, Inc.  
 CONTACT: James Helge  
 INQUIRY #: 4182289.2S  
 DATE: January 14, 2015 8:02 pm

# DETAIL MAP - 4182289.2S



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

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



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

SITE NAME: Vacant Church Property  
 ADDRESS: 2855 West Whitesbridge Road  
 Fresno CA 93706  
 LAT/LONG: 36.7347 / 119.844

CLIENT: Fugro West, Inc.  
 CONTACT: James Helge  
 INQUIRY #: 4182289.2s  
 DATE: January 14, 2015 8:03 pm

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	1	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	2	0	NR	2
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	2	NR	NR	2

## 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
SLIC	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	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
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US 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
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		1	1	NR	NR	NR	2
SWEEPS UST	0.250		1	1	NR	NR	NR	2
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	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
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	2	NR	NR	2
CUPA Listings	0.250		3	6	NR	NR	NR	9
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	4	NR	NR	NR	NR	NR	4
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
PROC	0.500		0	0	0	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
Financial Assurance	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	1	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	0	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

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

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

A1 Target Property	CA DEPARTMENT OF CORRECTIONS 2855 W WHITESBRIDGE AVE FRESNO, CA 93706	HAZNET	S112968656 N/A
--------------------------	---	--------	-------------------

Actual: [Click here for full text details](#)  
279 ft.

---

A2 Target Property	FAMILY FOUNDATION FRESNO 2855 W WHITESBRIDGE AVE FRESNO, CA 93706	HAZNET	S113153578 N/A
--------------------------	---	--------	-------------------

Actual: [Click here for full text details](#)  
279 ft.

---

A3 Target Property	CA DEPT OF CORRECTIONS 2855 WHITESBRIDGE RD FRESNO, CA 93706	HAZNET	S112905673 N/A
--------------------------	--	--------	-------------------

Actual: [Click here for full text details](#)  
279 ft.

---

A4 Target Property	CA DEPT OF CORRECTIONS 2855 WHITESBRIDGE RD FRESNO, CA 93706	HAZNET	S112951407 N/A
--------------------------	--	--------	-------------------

Actual: [Click here for full text details](#)  
279 ft.

---

A5 SSW < 1/8 0.006 mi. 34 ft.	WESTSIDE USED TIRES 116 S MARKS FRESNO, CA 93706	CUPA Listings	S104870036 N/A
---	--	---------------	-------------------

Relative: [Click here for full text details](#)  
Lower  
CUPA Listings  
Facility Id: FA0269627

---

6 NNW < 1/8 0.013 mi. 69 ft.	CALTRANS N MARKS & HIGHWAY 180 AVE FRESNO, CA 93706	CUPA Listings	S108536699 N/A
--	---	---------------	-------------------

Relative: [Click here for full text details](#)  
Higher  
CUPA Listings  
Facility Id: FA0279577

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B7 ENE < 1/8 0.116 mi. 611 ft.	<b>BYRON JACKSON PUMP DIVISION</b> 2730 W WHITESBRIDGE AVE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	CA FID UST HIST UST CUPA Listings SWEEPS UST EMI	1000336993 N/A
Relative: Lower	<b>CA FID UST</b> Facility Id: 10004728  <b>HIST UST</b> Facility Id: 00000042502  <b>CUPA Listings</b> Facility Id: FA0170257  <b>EMI</b> Facility Id: 3084		
B8 ENE 1/8-1/4 0.162 mi. 854 ft.	<b>WESTSIDE AUTO DISMANTLERS, INC.</b> 2640 W. WHITES BRIDGE RD FRESNO, CA 93706  <a href="#">Click here for full text details</a>	RCRA-SQG	1008194511 CAL000074730
Relative: Lower	<b>RCRA-SQG</b> EPA Id: CAL000074730		
B9 ENE 1/8-1/4 0.162 mi. 854 ft.	<b>WESTSIDE AUTO DISMANTLERS</b> 2640 W WHITESBRIDGE AVE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	CUPA Listings WDS	S104871671 N/A
Relative: Lower	<b>CUPA Listings</b> Facility Id: FA0271080  <b>WDS</b> Facility Id: 5F10I009610 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.		
C10 WNW 1/8-1/4 0.179 mi. 943 ft.	<b>BALOIAN PACKING</b> 3138 W WHITESBRIDGE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	AST	A100225719 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
C11 WNW 1/8-1/4 0.179 mi. 943 ft.	BALOIAN PACKING COMPANY INC 3138 W WHITESBRIDGE RD FRESNO, CA 93772  <a href="#">Click here for full text details</a>	RCRA-SQG FINDS CUPA Listings HAZNET	1000332810 CAD982503658
Relative: Lower	RCRA-SQG EPA Id: CAD982503658  CUPA Listings Facility Id: FA0270665		
D12 ENE 1/8-1/4 0.213 mi. 1126 ft.	YAWEH'S BEST 2540 W WHITESBRIDGE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	CUPA Listings	S106487519 N/A
Relative: Lower	CUPA Listings Facility Id: FA0277064		
D13 ENE 1/8-1/4 0.239 mi. 1261 ft.	FRESNO CHARTERS SERVICE 2490 W WHITESBRIDGE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	CUPA Listings	S106175291 N/A
Relative: Higher	CUPA Listings Facility Id: FA0170773		
D14 ENE 1/8-1/4 0.239 mi. 1261 ft.	2490 W WHITESBRIDGE AVE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	EDR US Hist Auto Stat	1015361355 N/A
Relative: Higher			
15 North 1/8-1/4 0.244 mi. 1286 ft.	GARY & DEBORAH METZGER 190 N MARKS FRESNO, CA 93706  <a href="#">Click here for full text details</a>	CUPA Listings	S106175382 N/A
Relative: Higher	CUPA Listings Facility Id: FA0170080		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
D16 ENE 1/8-1/4 0.247 mi. 1305 ft.	RAIN FOR RENT INC. 2474 W WHITESBRIDGE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	CA FID UST SWEEPS UST	S101621775 N/A
Relative: Higher	CA FID UST Facility Id: 10004961  SWEEPS UST Status: A		
D17 ENE 1/8-1/4 0.247 mi. 1305 ft.	RAIN FOR RENT INC. 2474 W WHITESBRIDGE AVE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	HIST UST	U001591821 N/A
Relative: Higher	HIST UST Facility Id: 00000000774		
D18 ENE 1/8-1/4 0.247 mi. 1305 ft.	RAIN FOR RENT 2474 W WHITES BRIDGE AVE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	CUPA Listings	S106176106 N/A
Relative: Higher	CUPA Listings Facility Id: FA0170258		
D19 ENE 1/4-1/2 0.253 mi. 1336 ft.	WESTSIDE AUTO DISMANTLER, AKA SR 180 REALIGNMENT 2640 WEST WHITEBRIDGE ROAD FRESNO, CA 93706  <a href="#">Click here for full text details</a>	DEED VCP ENVIROSTOR	S107737609 N/A
Relative: Higher	DEED Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY  VCP Facility Id: 70000017 Status: Certified O&M - Land Use Restrictions Only  ENVIROSTOR Facility Id: 70000017 Status: Certified O&M - Land Use Restrictions Only		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
20 East 1/4-1/2 0.351 mi. 1854 ft.	<b>FRESNO DRUM</b> 700 AND 733 SOUTH HUGHES AVENUE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	ENVIROSTOR	S111290792 N/A
Relative: Higher	<b>ENVIROSTOR</b> Facility Id: 60001570 Status: Inactive - Needs Evaluation		
E21 East 1/4-1/2 0.453 mi. 2391 ft.	<b>FRESNO DRUM WESTERN PARCEL</b> 700 S. HUGHES AVENUE FRESNO, CA 93706  <a href="#">Click here for full text details</a>	SLIC CUPA Listings	S104869401 N/A
Relative: Higher	<b>SLIC</b> Facility Status: Completed - Case Closed Facility Status: Completed - Case Closed  <b>CUPA Listings</b> Facility Id: FA0274629		
E22 East 1/4-1/2 0.455 mi. 2400 ft.	<b>DAN GREEN'S WOOD RECYCLING</b> 733 S HUGHES FRESNO, CA 93706  <a href="#">Click here for full text details</a>	SLIC CUPA Listings	S104869403 N/A
Relative: Higher	<b>SLIC</b> Facility Status: Open - Site Assessment Facility Status: Open - Site Assessment  <b>CUPA Listings</b> Facility Id: FA0277041 Facility Id: FA0272270		
E23 East 1/4-1/2 0.455 mi. 2400 ft.	<b>FRESNO DRUM SITE</b> 733 SOUTH HUGHES AVENUE FRESNO, CA 93718  <a href="#">Click here for full text details</a>	CERCLIS	1001115049 CA0001576511
Relative: Higher	<b>CERCLIS</b> EPA Id: CA0001576511		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

24  
ENE  
1/4-1/2  
0.464 mi.  
2451 ft.

**KEMMER RESIDENCE**  
511 HUGHES  
FRESNO, CA 93722

**HIST CORTESE**  
**LUST**

**S102432157**  
**N/A**

[Click here for full text details](#)

Relative:  
Higher

**LUST**  
Status: Case Closed  
Status: Completed - Case Closed

E25  
East  
1/4-1/2  
0.469 mi.  
2476 ft.

**ART'S MERCANTILE**  
2082 WHITESBRIDGE RD W  
FRESNO, CA 93702

**HIST CORTESE**  
**LUST**  
**CUPA Listings**

**S104404042**  
**N/A**

[Click here for full text details](#)

Relative:  
Higher

**LUST**  
Status: Case Closed  
Status: Completed - Case Closed

**CUPA Listings**  
Facility Id: FA0001364

## 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	08/01/2009	09/10/2009	10/01/2009
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	06/30/2014	09/02/2014	09/24/2014
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	10/27/2014	10/29/2014	12/10/2014
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	09/29/2014	09/30/2014	11/19/2014
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	09/08/2014	09/10/2014	10/22/2014
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	06/28/2014	07/03/2014	08/21/2014
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2012	03/25/2014	04/28/2014
CA	ENF	Enforcement Action Listing	State Water Resources Control Board	11/10/2014	11/12/2014	12/12/2014
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	11/03/2014	11/04/2014	12/12/2014
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	10/28/2014	10/30/2014	12/10/2014
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/17/2014	11/18/2014	12/29/2014
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	09/08/2014	09/09/2014	10/22/2014
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2013	10/15/2014	11/19/2014
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	11/24/2014	11/25/2014	12/30/2014
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	10/14/2014	10/15/2014	11/19/2014
CA	LDS	Land Disposal Sites Listing	State Water Quality Control Board	12/12/2014	12/15/2014	01/05/2015
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	10/02/2014	10/03/2014	11/20/2014
CA	LUST	Geotracker's Leaking Underground Fuel Tank Report	State Water Resources Control Board	12/12/2014	12/15/2014	01/05/2015
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	State Water Resources Control Board	12/12/2014	12/15/2014	01/05/2015
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	08/20/2014	09/10/2014	10/23/2014
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	11/01/1993	11/01/1993	11/19/1993
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/17/2014	11/19/2014	12/29/2014
CA	PROC	Certified Processors Database	Department of Conservation	09/16/2014	09/17/2014	10/23/2014
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	11/03/2014	11/04/2014	12/12/2014
CA	RGALF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGALUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	11/03/2014	11/04/2014	12/12/2014
CA	SLIC	Statewide SLIC Cases	State Water Resources Control Board	12/12/2014	12/15/2014	01/05/2015
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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
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, Victortv	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	11/17/2014	11/19/2014	12/24/2014
CA	SWRCY	Recycler Database	Department of Conservation	09/16/2014	09/17/2014	10/23/2014
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	07/14/2014	09/17/2014	10/23/2014
CA	UST	Active UST Facilities	SWRCB	09/17/2014	09/17/2014	10/24/2014
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	09/23/2009	09/23/2009	10/01/2009
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	11/03/2014	11/04/2014	12/12/2014
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
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	11/11/2011	05/18/2012	05/25/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2011	02/26/2013	04/19/2013
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	10/25/2013	11/11/2013	02/13/2014
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	10/25/2013	11/11/2013	02/13/2014
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2013	01/24/2014	02/24/2014
US	CORRACTS	Corrective Action Report	EPA	06/10/2014	07/02/2014	09/18/2014
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	09/29/2014	10/08/2014	11/17/2014
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	07/31/2012	08/07/2012	09/18/2012
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners	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	09/29/2014	09/30/2014	11/06/2014
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	07/21/2014	10/07/2014	10/20/2014
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	08/16/2014	09/10/2014	10/20/2014
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	06/06/2014	09/10/2014	09/18/2014
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	09/30/2014	10/01/2014	11/06/2014
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	07/31/2014	10/29/2014	11/06/2014
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	02/01/2013	05/01/2013	11/01/2013

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	05/20/2014	06/10/2014	08/22/2014
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	07/30/2014	08/12/2014	08/22/2014
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	11/03/2014	11/05/2014	11/17/2014
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/06/2014	10/29/2014	11/17/2014
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	05/22/2014	08/22/2014	09/18/2014
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	11/04/2014	11/07/2014	11/17/2014
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	03/01/2013	03/01/2013	04/12/2013
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	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	02/01/2013	05/01/2013	01/27/2014
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	05/20/2014	06/10/2014	08/15/2014
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	07/30/2014	08/12/2014	08/22/2014
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	11/03/2014	11/05/2014	11/17/2014
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/06/2014	10/29/2014	11/06/2014
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	08/20/2014	08/22/2014	09/18/2014
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	11/04/2014	11/07/2014	11/17/2014
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	08/14/2014	08/15/2014	08/22/2014
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	09/29/2014	10/01/2014	11/06/2014
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	06/04/2014	06/12/2014	07/28/2014
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	02/18/2014	03/18/2014	04/24/2014
US	LUCIS	Land Use Control Information System	Department of the Navy	08/29/2014	10/09/2014	10/20/2014
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/22/2013	08/02/2013	11/01/2013
US	NPL	National Priority List	EPA	09/29/2014	10/08/2014	11/17/2014
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	07/01/2014	10/15/2014	11/17/2014
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	09/29/2014	10/08/2014	11/17/2014
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	10/07/2014	10/08/2014	10/20/2014
US	RCRA NonGen / NLR	RCRA - Non Generators	Environmental Protection Agency	06/10/2014	07/02/2014	09/18/2014
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	06/10/2014	07/02/2014	09/18/2014
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/10/2014	07/02/2014	09/18/2014
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/10/2014	07/02/2014	09/18/2014
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/10/2014	07/02/2014	09/18/2014
US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2014	08/12/2014	11/06/2014
US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2011	07/31/2013	09/13/2013
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/16/2014	10/31/2014	11/17/2014
US	US AIRS MINOR	Air Facility System Data	EPA	10/16/2014	10/31/2014	11/17/2014

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/22/2014	09/23/2014	10/20/2014
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	07/25/2014	09/09/2014	10/20/2014
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	09/18/2014	09/19/2014	10/20/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/04/2014	09/04/2014	10/20/2014
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	07/25/2014	09/09/2014	10/20/2014
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	09/18/2014	09/19/2014	10/20/2014
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/05/2014	09/04/2014	11/17/2014
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2011	07/19/2012	08/28/2012
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	11/01/2014	11/05/2014	11/24/2014
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2013	07/21/2014	08/25/2014
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2013	07/15/2014	08/13/2014
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2013	06/20/2014	08/07/2014
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
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			
US	USGS 7.5' Topographic Map	Scanned Digital USGS 7.5' Topographic Map (DRG)	USGS			

### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas 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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

VACANT CHURCH PROPERTY  
2855 WEST WHITESBRIDGE ROAD  
FRESNO, CA 93706

### TARGET PROPERTY COORDINATES

Latitude (North):	36.7347 - 36° 44' 4.92"
Longitude (West):	119.844 - 119° 50' 38.40"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	246039.5
UTM Y (Meters):	4069011.5
Elevation:	279 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	36119-F7 FRESNO SOUTH, CA
Most Recent Revision:	1981

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 principal 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

## HYDROLOGIC INFORMATION

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

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

## FEMA FLOOD ZONE

<u>Target Property County</u> FRESNO, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06019C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

## NATIONAL WETLAND INVENTORY

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

## HYDROGEOLOGIC INFORMATION

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

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

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

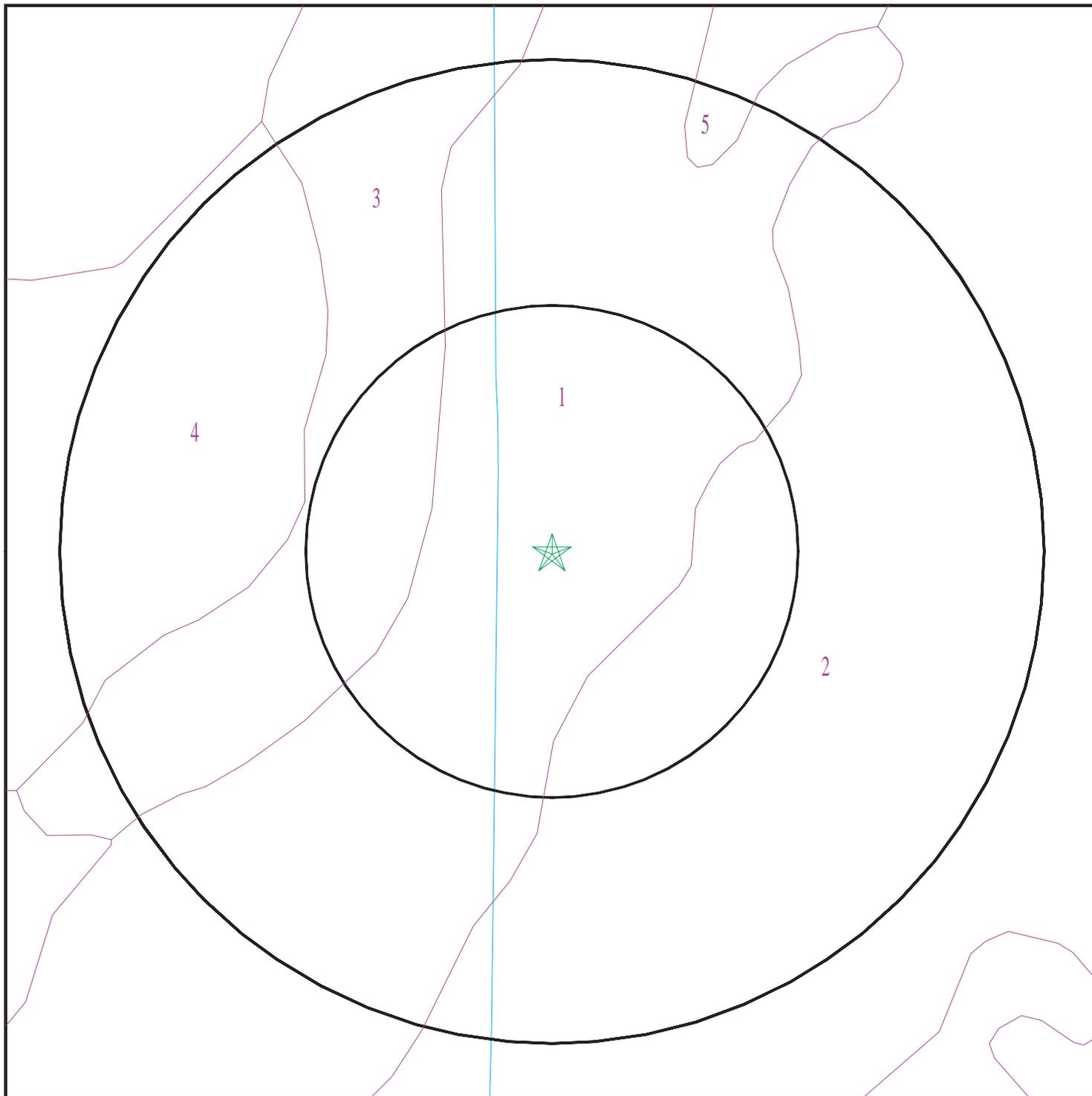
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

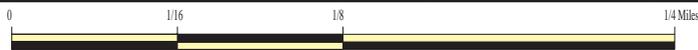
Category: Stratified Sequence

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

# SSURGO SOIL MAP - 4182289.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Vacant Church Property  
ADDRESS: 2855 West Whitesbridge Road  
Fresno CA 93706  
LAT/LONG: 36.7347 / 119.844

CLIENT: Fugro West, Inc.  
CONTACT: James Helge  
INQUIRY #: 4182289.2s  
DATE: January 14, 2015 8:03 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

### Soil Map ID: 1

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	16 inches	38 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
3	38 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: ATWATER

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	24 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
2	24 inches	42 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1
3	42 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6

### Soil Map ID: 3

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	14 inches	29 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 7.8 Min: 6.6
3	29 inches	33 inches	cemented	Not reported	Not reported	Max: 0.1 Min: 0.01	Max: Min:

### Soil Map ID: 4

Soil Component Name: GREENFIELD

Soil Surface Texture: cemented

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	38 inches	42 inches	cemented	Not reported	Not reported	Max: 1 Min: 0.1	Max: Min:
2	0 inches	16 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
3	16 inches	38 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

### Soil Map ID: 5

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	16 inches	72 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

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

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000177110	1/2 - 1 Mile NNW
3	USGS40000176898	1/2 - 1 Mile SSE
4	USGS40000176893	1/2 - 1 Mile South
5	USGS40000176953	1/2 - 1 Mile WSW
6	USGS40000177054	1/2 - 1 Mile East

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

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADW50000024085	1/4 - 1/2 Mile WSW
7	12125	1/2 - 1 Mile WSW
8	CADW50000024176	1/2 - 1 Mile ENE

# PHYSICAL SETTING SOURCE MAP - 4182289.2s



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

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



SITE NAME: Vacant Church Property  
 ADDRESS: 2855 West Whitesbridge Road  
 Fresno CA 93706  
 LAT/LONG: 36.7347 / 119.844

CLIENT: Fugro West, Inc.  
 CONTACT: James Helge  
 INQUIRY #: 4182289.2s  
 DATE: January 14, 2015 8:03 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	WSW	1/4 - 1/2 Mile	Lower	CA WELLS	CADW50000024085
		<a href="#">Click here for full text details</a>			
2	NNW	1/2 - 1 Mile	Higher	FED USGS	USGS40000177110
		<a href="#">Click here for full text details</a>			
3	SSE	1/2 - 1 Mile	Lower	FED USGS	USGS40000176898
		<a href="#">Click here for full text details</a>			
4	South	1/2 - 1 Mile	Lower	FED USGS	USGS40000176893
		<a href="#">Click here for full text details</a>			
5	WSW	1/2 - 1 Mile	Lower	FED USGS	USGS40000176953
		<a href="#">Click here for full text details</a>			
6	East	1/2 - 1 Mile	Higher	FED USGS	USGS40000177054
		<a href="#">Click here for full text details</a>			
7	WSW	1/2 - 1 Mile	Lower	CA WELLS	12125
		<a href="#">Click here for full text details</a>			
8	ENE	1/2 - 1 Mile	Higher	CA WELLS	CADW50000024176
		<a href="#">Click here for full text details</a>			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93706	29	8

Federal EPA Radon Zone for FRESNO County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 93706

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.150 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.300 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

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

Source: United States Geologic Survey

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

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

Source: United States Geologic Survey

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

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

## HYDROGEOLOGIC INFORMATION

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

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of 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.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas 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 F:**  
**Qualifications**



## Resume

### Jerriann N. Alexander, PE, REA

Principal Engineer

#### Education:

M.S. Civil Engineering, University of California, Berkeley, 1984

(specialization: geotechnical engineering)

B.S. Agricultural Engineering, California Polytechnic State University, San Luis Obispo, 1983

Continuing Education Seminars: ASTM Environmental Site Assessments and Transaction Screens, Risk Based Corrective Action Applications, Human Health Risk Assessments, Remedial Actions, UST Regulations, Geotechnical Engineering, Regulatory Oversight, RWQCB Risk Based Screening Level Methodologies, CEQA/NEPA and EPA Risk Assessments, Groundwater Resource Management (2009), Vapor Intrusion Seminars and ITRC Training (2009), Stormwater and Construction Dewatering Permit Compliance (2009), RWQCB Low Risk Closure (2012), ASTM 1527 Revisions (2013)

#### Professional Registration:

Professional Civil Engineer, California No. 40469

Professional Civil Engineer, Texas No. 113591

Registered Environmental Property Assessor, National No. 516237

Certified Environmental and Safety Compliance Officer (CESCO), National No. 205982

Registered Environmental Assessor California No. 3130 (1992 until 2012 when the program ended).

#### Certifications:

OSHA 29 CFR 1910.120 40-hr. Hazardous Waste Training (current Nov. 2013)

OSHA 29 CFR 1910.120 8-hr. Training for Supervisors (current Jan. 2003)

ISO 9001:2000 Internal Auditor Certification (2006/2008)

ISO 18001:2007 Internal Auditor Certification (2008)

#### Experience:

Ms. Alexander brings nearly 30 years of environmental consulting experience to Fugro. Her environmental experience and training are uniquely complimented by her understanding and practical application of civil and geotechnical engineering practices coupled with safety and environmental compliance. Projects benefit from her broad experience and knowledge of mechanical processes and waste stream generation and disposal practices.

Ms. Alexander has managed various environmental projects for which she is responsible for implementing Health, Safety, and Environmental (HSE) plans to manage potential impacts arising during the project. Projects Environmental projects have been conducted in compliance with applicable environmental and safety regulations specific for the work plan elements of each project. Projects have included Phase I and II environmental site assessments (ESA), facility regulatory environmental compliance audits, underground storage tank removals/closures, site characterization studies, hydrogeologic evaluations, remedial investigations, feasibility studies, and risk assessments. She has consulted on sites containing soil and/or groundwater impacted by lead; chromium; cyanide; DDT and other chlorinated pesticides and herbicides, fertilizers, cleaning solvents including Naphtha, PCE and TCE; oil containing PCB's; methane; waste oil; the full range of motor vehicle fuels; mine tailings; and incinerator wastes containing dioxin.

One of Ms. Alexander's particular strengths is with regard to state and local environmental regulations. She is particularly knowledgeable of the evolving regulations with respect to the use of risk assessments to attain reasonable environmental site closures. She has ongoing dialog with the local, city and county environmental agencies throughout California, and attends continuing education seminars on environmental trends. Ms. Alexander is familiar with OSHA 1910.120 regulations (HAZWOPER) for awareness, maintains first aid awareness certification, and has applied ASTM Risk Based Corrective Action (RBCA) and RWQCB Environmental Screening Level (formerly called Risk Based Screening Level) procedures in her evaluations of chemical release sites.

From a geotechnical engineering standpoint, Ms. Alexander has investigated landslide areas, landfill

## Resume

### Jerriann N. Alexander, PE, REA

Principal Engineer

properties, quarries; mine tailing piles, levees and embankments, pipeline alignments, bay fringe/port properties; dredge disposal sites, and sites proposed for commercial and residential redevelopment. She has provided recommendations for construction phasing, slope stability, soil stabilization, excavation, grading including fill quality and placement, retaining wall systems, underpinning, pavements and structural foundations.

Ms. Alexander is experienced in data management, data reduction and interpretation. Her interpretation and logical thinking skills provide her with the necessary background to provide technical and forensic review of documents in support of litigation. She has successfully participated in both environmental and geotechnical case mediations and at trials involving multiple parties.

### Brownfield Grants Projects

- **Tassafaronga HOPE VI Revitalization Plan and Brownfields Cleanup Grant Implementation, Oakland, California.** Managed as-needed contract for environmental and geotechnical consulting services to the Oakland Housing Authority (OHA) in east Oakland. The redevelopment site was occupied by a housing project constructed in the 1960's and is slated for redevelopment into a medium density residential development with new infrastructure. Ms. Alexander has planned and implemented site assessment activities at this property beginning with acquisition Phase I studies, Phase II Site Investigations, Site Demolition, Remedial Investigations to develop cleanup plans, and culminating with implementing cleanup activities which were completed in 2008. The site was impacted by heavy metals in an area formerly used as a junk yard. Ms. Ms. Alexander assisted OHA in securing a DTSC Targeted Site Investigation Grant and a Brownfields Cleanup Grant for removal of hazardous materials. All work including development of RAP, QAPP, and HSP documentation, and Closure Reports were completed in accordance with EPA guidelines.

### Environmental Compliance

- **Santa Rita Prison Border Road Ditch Area Remediation Dublin, California.** A drainage ditch used to control runoff from the Santa Rita Rehabilitation and Jail property and adjacent military lands extends along the west side of an access roadway which borders the east side of the Jail property. During heavy winter rains in 2005, the ditch was severely damaged and significant flooding occurred. The GSA developed plans to rehabilitate the drainage ditch. A portion of the drainage ditch extended along a portion of an old military burn pit. Retained to review construction plans and developed and negotiated acceptance of a sampling plan to assess conditions within the construction zone with the DTSC and Alameda County. Coordinated sampling efforts and consulted with the client regarding the test results which suggested that former landfill/burned debris did extend into the area of the ditch. Hazardous materials including elevated concentrations of lead were detected in some of the debris. Developed a soil management plan to implement during ditch construction and observed that the contractor followed the plan. Prepared a Summary Report to document test results and conditions left in place.
- **Winery and Vineyard Properties, California.** As the project manager for a major wine and spirits manufacturer, Ms. Alexander has performed facility hazardous materials audits, investigated existing environmental conditions and proposed mitigation measures to bring the facilities into regulatory compliance. Points of compliance have involved winery wastewater disposal basins and ponds, vineyard pesticide and hazardous materials storage buildings, and underground tanks.
- **Pre-Design Investigations at Building 99 RAP Sites, Former Oakland Army Base, Oakland, California.** Coordinated environmental investigation support services for the Port of Oakland and Baseline Consultants for several RAP sites at the former Oakland Army Base. Initially, involved with the development of a site-specific HSP in compliance with a Site-Wide Quality Assurance Program Plan (QAPP) prepared by Veridian and approved by the EPA and DTSC. The HSP is followed by Fugro staff



## Resume

### Jerriann N. Alexander, PE, REA

Principal Engineer

and our subcontractors, while performing soil and groundwater sampling and well installation activities on site. Responsible for completing the following tasks: Bldg 99 VOC RAP Site Investigation, Monitoring Well Installation and Periodic Monitoring, Tanks B/C and Q Closure Reporting, Bldg 99 Soil RAP Site Investigations, and Bldg 99 Debris Area Investigations.

- **Military Base Closures, California.** Managed the investigation of over 40,000 linear feet of underground fuel pipelines and two 500,000-gallon UST locations at the Alameda Naval Air Station, 15,000 linear feet of underground fuel pipelines at Naval Station Treasure Island and a tank farm area at NAS Lemoore. Developed pipeline and tank removal work plans and participated in round table discussions with the Base Realignment and Closure Team regarding environmental issues including compliance with environmental regulations.
- **Mine Tailings Pile, Sutter Creek, California.** Conducted a geotechnical study at the request of the California Department of Health Services (DHS) of a site where gold mine tailings were used as fill for a residential subdivision. Provided recommendations for the use of a system consisting of a geotextile and import fill to create a cap over the exposed tailings. The geoweb material placement required consideration of environmental and health and safety aspects to ensure that construction workers were not put at risk. Managed the construction observation phase of work to check that HSE and geotechnical recommendations were implemented.
- **Monitoring Well Installation, Oakland, California.** Managed the installation, development and sampling of a cluster of three monitoring wells for the Corps of Engineers during their evaluation of potential impacts due to the dredging of the Oakland Inner Harbor Channel. Wells extended into three discrete aquifer zones, the deepest being 160 feet deep. Well installation and monitoring were conducted in compliance with environmental regulations of Alameda County, and staff were required to follow standard HSE requirements.
- **Various Tank Closure Sites, California.** Project manager for the investigation, remediation and closure of numerous underground tank release sites in the greater San Francisco Bay area. Work was performed at the request of the local environmental enforcement agencies, and has involved both city and county environmental and toxic management offices. HSE plans and scope of work plans were developed for each of these sites. Obtained regulatory closure for the tank sites.
- **Cleaning Solvent Release, Redwood City, California** – Assessment, consultation and environmental review following the documentation of solvent impacts to the shallow aquifer. Project has involved round table discussions between project consultants, the RWQCB and County of San Mateo department of Environmental Health and the Regional Water Quality Control Board, regarding the validity of data generated to date, HSE considerations and requirements, and the scope of future studies.
- **Abandoned Plating Facility, Oakland, California.** Project manager responsible for coordinating an immediate response action and site closure at the direction of the EPA at an abandoned plating company. Vats and tanks of caustic and corrosive solutions and numerous chemicals were left inside a warehouse following an eviction notice. She managed the removal of the chemicals; tank and vat disassembling, floor slab and wall cleaning, and the collection of confirmation soil and surface wipe samples. Efforts undertaken were to the satisfaction of the EPA and the site was granted regulatory site closure status.

### Real Estate Transactions

- **Cedar Street Apartments, Redwood City, California.** Project manager for development project encompassing two former residential lots in a mixed residential and commercial area near the old downtown section of the city. Studies completed to date include those required to obtain site demolition



## Resume

### Jerianne N. Alexander, PE, REA

Principal Engineer

permits, those required by the local regulatory agency to bring the site into compliance, and geotechnical studies to provide guidance for design and construction elements. Initial site investigations (Phase I and Phase II ESAs) were combined with geotechnical studies geared to provide preliminary information for conceptual project designs and cost estimating. Coordinated efforts to evaluate the presence and quantity of hazardous building materials, and prepared documents to solicited bids for the abatement and demolition of the existing structures for the benefit of the client. Developed and negotiated acceptance of a Remedial Action Plan including a Health and Safety Plan to address the removal of impacted soils from the site. The RAP was approved by the local environmental health agency and Regional Water Quality Control Board. Fugro implemented soil remediation activities. A Remedial Action Completion report was prepared and in late 2008 no further actions were required to address soil conditions at the Site. Site obtained regulatory closure in 2009.

- **Proposed Redevelopment, Berkeley, California.** Project manager for assessment and remediation of a two city block area in a former industrial zoned area. Conducted historic data review and developed and implemented a phased sampling and analysis program to assess existing conditions to determine impacts due to pentachlorophenol release by former tenant. Identified that the site was also within a regional solvent plume. Discussed site conditions and future regulatory interaction with the City of Berkeley Toxic Management Department and DTSC.
- **California Drive, Burlingame, California.** Project manager for Phase I and II ESAs prior to the sale of an automobile dealership encompassing three contiguous properties along Burlingames' auto row. Releases from underground fuel tanks and hydraulic hoists impacted soil and groundwater. Off-site sources of petroleum hydrocarbons and chlorinated solvents were also identified.
- **Rock Quarry, Marin County, California.** Conducted periodic Phase I ESAs for refinancing of a 700-acre rock quarry that was originally developed in the late 1800. Performed comprehensive site reconnaissance and employee interviews regarding site activities. The quarry operation included rock crushing and handling equipment, vehicle and equipment maintenance shops, and motor vehicle fuel storage. Adjacent tenant activities included brick and clay product manufacturing. Facility HSE audits were conducted and recommendations made to bring daily operations and practices into regulatory compliance.
- **10-Acre Vineyard and Ranch, Rutherford, California.** Ms. Alexander managed Phase I and II ESA's, and a hazardous building materials survey of the vineyard and ranch property prior to its sale. Studies identified that past pesticide and fuel usage had resulted in minor impacts to shallow soils near one of the buildings. Services also included providing recommendations for the removal of hazardous materials and asbestos from the existing buildings and the capping of the exposed ground surface with asphaltic concrete to mitigate human health risks due to petroleum hydrocarbons and pesticide residues. Work was conducted under the review of Napa County department of Environmental Management.
- **Lacquer Manufacturer, Berkeley, California.** Managed the investigation and remediation of site releases as part of the sale of the property. Work was conducted under the review of the City of Berkeley Environmental Management department. Releases had occurred from a tank cluster, which stored naphtha, TCE and acetone used in the manufacturing of lacquer. Evaluated impacts to groundwater and obtained regulatory closure.
- **Strip Mall Property, San Juan Capistrano, California.** Managed the Phase II ESA for a strip mall as part of the sale of the property. The mall contained a dry cleaning business and studies by others had identified releases of dry cleaning solvents. Conducted an investigation of impacts to groundwater and performed a RBCA evaluation of potential risks associated with impacted shallow soils.



## Resume

**Jerriann N. Alexander, PE, REA**

Principal Engineer

### Development

- **Former Military Reserve Base/New Office Campus, Dublin, California.** Project manager for an environmental investigation and remedial activities in the proposed construction area of a new office/commercial redevelopment campus in Alameda County. The proposed campus was to be sited on property formerly occupied by a military reserve base, which was active in the 1940's and 1950's. Review of former base maps suggested the presence of an incinerator, steam pipelines and USTs. Fugro developed and implemented an investigation to determine the extent of fill containing incinerator wastes and lead, impacts due to asbestos-coated steam lines, and the impacts related to two former USTs. Coordinated the efforts of several subcontractors to physically remove and dispose of the impacted materials and 1,200 feet of buried pipeline. Services during remediation involved collecting and analyzing waste samples to characterize the material for disposal, and collecting confirmation samples at the limits of excavation to document that the site no longer contained hazardous materials, which would represent a risk to construction workers. Investigation and field activities were successful and the site achieved "Clean Closure" status from Alameda County and the California Integrated Waste Management Board in 2005 and 2007.
- **CDCR Prison Sites, Folsom, Vacaville and Stockton, California.** Project manager for the investigation/assessment of development areas located inside the confines of Folsom State Prison and the Karl Holton Youth Facility in Stockton, and the area of the prison farm and outlying support areas surrounding CSP Solano and the California Medical Facility in Vacaville. Coordinated Preliminary Environmental Assessments and Site Investigations (SI) and developed Remedial Design cost estimates for multiple development scenarios. Stockton facility included extensive hazardous materials surveys of existing vacant structures.
- **East 14<sup>th</sup> Street Residential Development, Oakland, California.** Ms. Alexander managed the environmental and geotechnical investigations, and the construction observation services for this low-income residential development. Environmental tasks included conducting a preliminary ESA and site characterization study to determine whether risks to human health and the environment existed due to releases from a service station and car wash facility. Geotechnical tasks included foundation design and consultation during construction. Negotiated with Alameda County to approve onsite treatment of impacted soil and the reuse of the treated soil as site fill. Following construction, Ms. Alexander implemented a groundwater monitoring program and ultimately obtained regulatory site closure.
- **Paragon Gateway, Alameda, California.** Managed the environmental and geotechnical investigation for a property that had been used as an automobile cargo-receiving center. Identified local environmental impacts to soil and groundwater due to the use of diesel as a cutter of a waxy substance used to protect the vehicles during shipment. Soft compressible soils and the potential for liquefaction and ground subsidence due earthquakes were the primary geotechnical concerns. Provided recommendation for site remediation and construction. Obtained regulatory closure.
- **Jackson Street High Rise, San Francisco, California.** Conducted the geotechnical and environmental investigations for the redevelopment of the site as a 10-story residential structure with three levels of below ground parking. The site building dated back to the early 1920s and was used as an automobile repair facility. Underground fuel storage tanks still remained in place. Soil and groundwater were impacted at depth by aged gasoline and solvents. Developed work plans and HSE plans for construction observation services in the basement area including underpinning of adjacent foundations, as well as the construction of the new buildings foundations and basement wall subdrainage systems.

## Resume

### Jeriann N. Alexander, PE, REA

Principal Engineer

- **Former Sears Retail Facility.** Managed the Phase I and II ESA and the geotechnical evaluation of the former Sears facility that consisted of two structures, the main retail facility and an automobile servicing facility. Coordinated the closure of underground tanks and sumps. Identified the alignment of a historic creek channel that contained impacted sediment and fill. Provided recommendations for construction phasing of the building demolition and basement in-filling to grade.

### Transportation

- **Proposed East West Connector Alignment, Union City and Fremont, California.** Project manager for the completion of a Phase I PEA alignment study for the referenced 2.6 mile alignment and is providing ongoing consultation through development of the EIR. The alignment will be cited in a mixed use area, overlying a sensitive water resource. The alignment will pass through a former steel plant which has undergone significant remediation, through agricultural lands, and along well established watershed and drainage corridors. Provided strategic consultation to the project team regarding the required environmental and HSE issues, including protection of the main drinking water resource in the area, the Newark Aquifer, and best management practices to follow to mitigate potential environmental impacts of the project.
- **Proposed Avenue 280 Widening Project, Visalia and Tulare County, California.** Project manager assisting the City of Tulare during the initial Project Approval stage of a 12 mile long widening project through former rural agricultural use areas. The project will include modification of existing on and off ramps and bridge and overcrossings in the area of Highway 99. Services to date have included the review of previous ISA studies, completing an updated ISA comprising field reconnaissance, agency database and aerial photograph review and reporting. Provided consultation with Caltrans environmental health department regarding additional data needs to evaluate risks posed for the more than 100 individual parcel takes that are being contemplated for the project.
- **Bridge Replacement Projects, Contra Costa County, California.** Environmental professional responsible for conducting the initial site assessments (ISA/ESA) for two bridge replacement projects in Contra Costa County, and under the oversight of Caltrans. The Orwood Road Bridge and the Bethel Island Road Bridge both provide access across delta sloughs to rural county areas, and the projects included considering the potential impacts existing on adjacent parcels that were proposed for acquisition. The ISA/ESA's comprised reviewing historic land use records and environmental database listings, reviewing aerial photographs and historic maps and other sources of site information, and conducting site reconnaissance's to identify recognized environmental concerns. Small boat marinas and commercial properties were located within the bridge abutment areas for both bridge structures. The marina improvements include fueling piers and buried petroleum pipelines. The bridge and marina structures are supported on treated timbers. Various pipelines were observed suspended below the bridge structures. Developed develop site-specific environmental sampling and analysis programs to evaluate potential HSE risks to construction workers. Soil and groundwater sampling completed to date indicate that the north Bethel Island Road Bridge abutment will encroach into an area where soil and groundwater have been impacted by previous releases from an existing UST.
- **State Route 4 Bypass Projects, Contra Costa County, California.** Primary environmental professional performing site assessments and soil and groundwater investigations along Segment 2 of the Highway 4 Bypass. She was initially involved in conducting the Phase I and II Preliminary Environmental Assessment studies of the Bypass Alignment in 1994/1995 and 1997, respectively. These initial studies indicated that Segment 2 of the Bypass extended through the Brentwood Oil and Gas Field. Phase I and II site reconnaissance observed oil wellheads, above ground storage containers and indications of distribution pipelines sporadically placed throughout the right-of-way. Developed and implemented environmental investigations to evaluate potential HSE risks posed to construction workers tasked with constructing sound walls, drainage systems and roadbeds. Studies have identified lead

## Resume

### Jerian N. Alexander, PE, REA

Principal Engineer

concentrations in shallow roadbed materials, and localized zones of soil and groundwater contamination due to former oil well site practices. Developed protocols to be implemented by construction workers in the event that buried impacted materials were encountered. Upon completion of site investigations, negotiated and obtained "No further action" directives from the Central Valley Regional Water Quality Control Board.

- **I-238 Widening Project, Alameda County, California.** Fugro performed geotechnical investigations and conducted the Hazardous Materials Site Assessment for the I-238 Widening Project. The project includes increasing the existing four lanes of I-238 to six, constructing a new connector ramp between northbound I-880 and southbound I-238, and increasing the existing five lanes on portion of I-880 to six. This project involved an extensive field exploration program, laboratory tests, and providing geotechnical engineering design criteria for the foundations for four roadway bridges, embankments and ancillary structures. Coordinated environmental sampling of the shallow soils to assess the presence of potential contaminants in conjunction with the various geotechnical investigations, which were underway by both Fugro and others. Evaluated the chemical data and consulted with Caltrans and the design team regarding the use of the Caltrans/DTSC variance regarding the reuse of excavated soils, which contain ADL. Used ProUCL to statistically evaluate lead data.
- **ADL Study, State Route 154, Santa Barbara County, California.** Project manager for several phases of ADL studies along several sections of State Route 154 slated for improvement projects. Ms. Alexander designed the soil sampling program to characterize vertical columns of soil for each area of interest and reviewed and evaluated the analytical data to determine whether the Caltrans Variance for reuse of excavated soil would need to be used for the areas. Data sets were compiled and evaluated using the Pro UCL statistical program. One area of concern needed to be re-evaluated and was found to contain a sliver fill containing elevated concentrations of lead from a previous roadway project in the vicinity. Consulted with Caltrans environmental engineering department and gained approval of the data and recommendations for managing HSE concerns during construction..
- **Soil and Groundwater Assessment, Proposed Soundwall Alignment, US 101 at Wendy Drive, Thousand Oaks, California.** Project manager for environmental components of project which included constructing a sound wall in the vicinity of the downgradient edge of a contaminated groundwater plume. Caltrans required the study to assess possible impacts to construction workers while constructing wall and surface drainage improvements and wall foundation elements. Conducted review of historic environmental records for the adjacent former electronic component manufacturing facility and prepared a work plan to conduct the soil and groundwater assessment along the proposed sound wall alignment. Caltrans environmental engineering departments in District 4 and 5 reviewed and approved the work plan. Fugro collected samples in accordance with the work plan and prepared a summary report complete with recommendations for addressing environmental concerns during constructions.
- **Berth 32 Yard Reconstruction, 20-Acre Expansion, Port of Oakland.** Environmental engineer of record for the evaluation of potential impacts related to construction of new pavements and new subsurface improvements for a 20-Acre Expansion project, where plans showed that the western limit of construction would be situated about 60 feet west of a former fueling facility. Reviewed logs of geotechnical and environmental borings and the results of chemical analyses, and provided conclusions regarding soils and groundwater conditions within the zone of construction including proposed dewatering activities and soil reuse, and conclusions regarding potential risks posed to construction workers. During construction of new terminal trucking kiosks developed and implemented a testing program to evaluate potential vapor migration issues.
- **Phase I Environmental Site Assessment Pleasant Valley Road and Calleguas Creek Bridge Widening Project, Camarillo, California.** The project includes the widening of the Pleasant Valley Road corridor from US 101 to Calleguas Creek. The existing 2-lane roadway will be widened to 4 lanes

## Resume

### Jerriann N. Alexander, PE, REA

Principal Engineer

and a new bridge crossing the creek will be constructed. Conducted the Phase I ESA for the proposed alignment in an effort to identify potential HSE concerns in this semi-rural agricultural area. Environmental issues identified included the potential for shallow soils to contain petroleum hydrocarbons and pesticides/herbicides due to aerial and surface applications, and aerially deposited lead from historic automobile emissions. Fugro prepared a draft Phase I ESA report that was submitted with the design documents for the City and Caltrans to review.

- **Environmental Consultation, State Route 84 Alignment Study, Union City, California.** The project includes the proposed realignment of Route 84 through a former steel plant site, which is under regulatory oversight by the DTSC. Requested by the design team to review various design plans and the Draft Remedial Design and Implementation Plan prepared for the former facility, and the Caltrans EIS, to identify whether the proposed remedial design would adequately address HSE concerns from a construction standpoint. Reviewed documents provided by the project design team, prepared a consultation letter and discussed our findings with the design team.
- **Schnitzer Steel Facility Expansion, Oakland, California.** Conducted the geotechnical investigation of a new ship loading facility. Investigation consisted of evaluating conditions both on and off shore. Evaluated the seismic and static stability of existing and proposed improvements including a rock fill containment dike and wharf mooring points.
- **Pier 35 Retrofit, Mare Island, Vallejo, California.** Managed the geotechnical investigation for two new mooring dolphins, a new fendering system, new pile foundations and significant planned dredging at Pier 35. Nine offshore borings were drilled and several sediment samples were obtained. Developed design criteria for new piles, evaluated pile capacities of the existing piles and evaluated seismic stability for the elements of the retrofitted system. Implemented a HSE plan appropriate for the field data collection stage of the work.

### Litigation Support

- **Marine Terminal, Environmental Site Assessment/Strategic Consultation, Port of Oakland, California Oakland, California.** Prime consultant from 1995 to 2005 for 24-acre Ninth Avenue Terminal property in the Oakland Inner Harbor Coordinated multiple, phased, extensive environmental assessment and investigation activities, and provided litigation and cost recovery services, to evaluate the past operations of over 100 businesses that had/have occupied the property since the late 1890s including a cannery; lumber companies; metal plating, recycling and refinishing businesses; fertilizer formulators; chemical warehousing; bulk fuel processing; and general drayage. Hazardous materials and chemical contaminants known to have impacted the soil and groundwater resources include heavy metals, solvents (volatile organic compounds [VOCs]), cyanide, pesticides, hexavalent chromium, and petroleum hydrocarbons. In addition, there are known methane vapor plumes below former bulk petroleum processing plants.

Services included: (1) extensive archival research, compilation, and review of historical records and data; (2) development and implementation of soil, soil-gas, and groundwater investigations to collect litigation-quality data, (3) assessment of a complex network of abandoned and active utilities acting as potential preferential pathways for contaminant migration; (4) evaluation of remedial alternatives and costs for various site redevelopment scenarios; (5) compliance groundwater monitoring and (6) litigation support for cost recovery efforts. All field activities were conducted in compliance with numerous HSE guidelines and regulations. Further, provided assistance to the Port in all communications with the lead regulatory agencies, the ACHCSA and RWQCB. Her exhaustive efforts and shoulder-to-shoulder collaboration with Port staff and its outside counsel have resulted in the Port's successful cost recovery actions from PRPs. Reporting included: Environmental Site Assessments, Site Characterization Reports, Storm Water Control Evaluation Reports, Soil Vapor Survey Report, Infiltration and Inflow Survey and Evaluation Report, and Underground Storage Tank Reports, and Remedial Action



## Resume

### Jerianne N. Alexander, PE, REA

Principal Engineer

Evaluation Reports.

- **Winery Property, ASTI, California.** Providing the review of technical documents relating to the contamination identified during site redevelopment. Chemicals of concern include diesel and gasoline. Case is ongoing and support is being provided to a defendant, a prior property owner.
- **Automobile Repair Facility, Berkeley, California.** Provided consultation regarding conditions encountered during tank removal and regulatory closure of the site. Provided expert testimony on the investigations conducted, the impacts identified, and their source. Support was provided to a former property owner, the plaintiff. Case is closed.
- **Property Transaction, Burlingame, California.** Provided consultation regarding environmental impacts and the cost of regulatory compliance and the incremental cost of redevelopment for a former automobile dealership. Support is ongoing and is being provided to the new property owner.
- **Sonoma Marsh Property, Sonoma County, California.** Evaluated the characteristics of the shallow soil at the site in support of the property owner. Determined the permeability, salt content, and leachability of the soil. Case is closed.

#### Professional Affiliations:

- American Society of Civil Engineers
- Association of Environmental Professionals
- Groundwater Resource Association
- National Registry of Environmental Professionals



# Resume

## James Helge, REA

Senior Environmental Scientist

### Education:

Bachelor of Science Environmental Planning and Management, Rutgers University, New Brunswick, New Jersey, 1992

### Certifications:

OSHA 40 Hour HAZWOPER Certified Issue Date

California Registered Environmental Assessor Class-1 2004-2012

California Water Environmental Association Grade 2 Wastewater Treatment Certificate

New Jersey Department of Environmental Protection, N-2 Industrial Wastewater Treatment System Operator License

### Experience:

Mr. Helge has over twenty years of experience related to site assessments (SAs), environmental risk management, environmental remediation projects and consulting. Mr. Helge has completed hundreds of Phase I SAs and numerous Phase II SAs on properties ranging from large industrial facilities, agricultural land, and urban developed parcels. He has evaluated environmental liability as an engineer and underwriter for the largest insurance company in the nation. Mr. Helge has provided services to property managers, developers, public redevelopment agencies, petroleum, chemical, and food processing companies, as well as Federal clients.

Mr. Helge has been responsible for designing and completing Remedial Investigations and performing task management of interim remedial action at the Naval Air Station (NAS) – Alameda. He has managed retail petroleum portfolios involving risk based closure, site characterization, and remediation. As a national resource, Mr. Helge has conducted training and mentoring to junior staff for several real estate due diligence property transaction programs. This training included the American Society for Testing and Materials (ASTM) standards, efficiency and historical research.

Mr. Helge's project experience includes:

- **Other Real Estate Owned (OREO) Wind Down, Nationwide Program** - Coordinated over \$1.1MM in Phase II Environmental Site Assessments for a large lender. Activities included development of Scope of Work, soliciting bids from bank approved vendors, assignment of projects, technical review of reports, and preparation of technical memoranda summarizing the documents. Work included sampling of soil, groundwater and soil gas; assessment for asbestos containing materials, mold, and lead based paint; as well as preparation of white papers summarizing regulatory issues, ambient arsenic evaluation in several states.
- **OREO Wind Down, Nationwide Program** – Reviewing bank vendor's Phase I ESA and preparing summary memoranda discussing possible risk from the ESAs and threat to the bank portfolio. Technical memoranda recommended addition work independent from vendor's recommendations.
- **25 Acre Industrial Property, Stockton, California** – Prepared pre-sale due diligence investigation of a historically industrial manufacturing facility in Stockton, California. The property was used as a lumber milling operation and fire log manufacturer. The project included completing a Phase I ESA, asbestos containing materials surveys, abatement scoping and negotiations with the seller. Completed asbestos abatement under contract with seller at buyer's request.
- **Low Threat Site Closure, Commercial Properties, San Jose** – Working through an environmental



## Resume

### James Helge, REA

Senior Environmental Scientist

attorney, Mr. Helge took over a legacy UST-FUND project. The incumbent consultant had managed the project for 20 years and spent over \$1.5M including completing a new Remedial Action Plan for more remediation. Under Mr. Helge's management, the site was closed using the Low Threat Closure Policy by the UST FUND within one year for minimal cost.

- **Preliminary Site Investigation, Vacant Property, Sacramento, California**-Conducted Site characterization for the owner of a former industrial use vacant property in the El Monte redevelopment zone in Sacramento, California. Characterization activity included field screening soil for DNAPL concentrations of chlorinated hydrocarbons, and depth specific soil vapor sampling. Developed a vertical contaminant profile for the report to show the depths where contamination is present and allow for focused remediation to facilitate redevelopment.
- **14 Parcel Redevelopment Project, Kent, Ohio** – Served as Principal Scientist for a Phase I ESA of 14 parcels to facilitate the redevelopment of four city blocks. This project included assessment of a former gasoline station that used MTBE. Scoped Phase II ESA sampling plan and methodology.
- **NPL Site, Azusa, California** – Conducted a Phase I ESA for an industrial property that formerly housed a bicycle manufacturing plant and was identified as a responsible party for a 14 square mile groundwater contamination plume. The current operations included food processing operations.
- **Phase II ESA on an Industrial Property, Fairfield, California** – Project manager and technical lead on expedited Phase II ESA. The property owner required the former tenant (ink manufacturer) to complete a Phase II ESA to show that site activity had not impacted shallow soil at the property. Developed investigation strategy on-site and collected soil samples from eight locations expected to be most impacted.
- **Willow Heights Development, Pittsburg, California** – Served as project manager for complicated litigation support case to facilitate development of 20-acre parcel impacted by an historical release of crude oil from pipelines. The project involved negotiating with the California RWQCB, client's outside counsel, and the responsible party to delineate soil and groundwater contamination, risk assessment approach and developing remediation strategies.
- **Remedial Investigation, Alameda Naval Air Station, Alameda, California** – Task manager for remedial investigation effort on five CERCLA sites within the base. Primary duties included data interpretation, managing a multi-disciplinary team of scientists and technical report preparation. Issues involved within the sites investigated include chlorinated hydrocarbon soil and groundwater contamination, refinery wastes in soil and groundwater, metals in soil, and TPH contamination.
- **EPA Contract Employee at Regional Water Quality Control Board- Sacramento** – Served four month assignment for the US EPA at the RWQCB to close open LUST sites. Closed twelve low priority sites working with Board staff, and responsible parties.
- **Site Remediation, Chautauqua, New York** – Prepared a remedial action work plan for approval from the New York Department of Environmental Quality that included the remediation of shallow soils impacted with petroleum products including MTBE by in-situ chemical injection. Negotiated pay for performance contract with chemical oxidation subcontractor.
- **Petroleum Service Station Investigation and Remediation, 28 sites, Ohio, Kentucky and Indiana** – Served as program manager and technical lead for investigation and remediation activity at 28 petroleum service stations operated by Sunoco. Ten of these stations involved MTBE issues including groundwater flow, and modifying remediation systems to manage MTBE.