Appendix I

Initial Site Assessment

INITIAL SITE ASSESSMENT

County Road 96 Bridge Replacement Over Dry Slough

Yolo County, California

Bridge No. 22C0127

Prepared By:

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Project No. 18-474.2

May 17, 2021

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18-474.2
May 17, 2021

Julie Passalacqua, PE
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Subject: **Initial Site Assessment**
County Road 96 Bridge Replacement over Dry Slough
Yolo County, California
Existing Bridge No. 22C0127

Dear Ms. Passalacqua:

Crawford & Associates, Inc. has prepared this Initial Site Assessment for the County Road 96 Bridge Replacement over Dry Slough Project in Yolo County, California. The purpose of this assessment is to identify and provide a preliminary assessment of the potential impacts from Recognized Environmental Conditions within the study area that may influence design and construction of the project.

We include an executive summary, property information, summary of a records review, reconnaissance observations, findings and recommendations, and limitations in this report.

We appreciate the opportunity to be on your team for the County Road 96 Bridge Replacement over Dry Slough Project. Please call us if you have questions or comments.

Sincerely,

CRAWFORD & ASSOCIATES, INC.

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Taber
Since 1954

TABLE OF CONTENTS

1 EXECUTIVE SUMMARY 1
2 INTRODUCTION 2
2.1 PURPOSE 2
2.2 PROJECT LOCATION 2
2.3 SCOPE OF SERVICES 3
2.4 PROJECT DESCRIPTION 3
2.5 GEOLOGIC CONDITIONS 4
2.6 HYDROGEOLOGIC CONDITIONS 5
3 LAND USE 6
3.1 CURRENT LAND USE 6
3.2 HISTORICAL LAND USE 6
3.2.1 HISTORICAL AERIAL PHOTOGRAPHS 6
3.2.2 HISTORICAL TOPOGRAPHIC MAPS 8
4 DATABASE SEARCH AND RECORDS REVIEW 9
4.1 DATABASE SEARCH 9
4.2 SUMMARY OF RECORDS SEARCH 9
4.2.1 ADDITIONAL DATABASE SEARCHES 11
4.2.2 UNLOCATED FACILITIES 12
4.3 INTERVIEWS 12
5 SITE RECONNAISSANCE 13
6 ENVIRONMENTAL ANALYSIS 14
6.1 ASBESTOS CONTAINING CONSTRUCTION MATERIAL (ACCM) 14
6.2 AERIALLY DEPOSITED LEAD (ADL) 14
6.2.1 HAZARDOUS WASTE CLASSIFICATION CRITERIA 15
6.2.2 ANALYTICAL LABORATORY RESULTS 15
6.3 LEAD-BASED PAINT 16
6.3.1 ANALYTICAL LABORATORY RESULTS 16
7 FINDINGS 17
7.1 POTENTIAL HAZARDOUS MATERIALS SITES 17
7.2 GENERAL HAZARDOUS MATERIALS ISSUES 17
7.2.1 ASBESTOS CONTAINING CONSTRUCTION MATERIAL (ACCM) 17
7.2.2 AERIALLY DEPOSITED LEAD (ADL) 17
7.2.3 LEAD-BASED PAINT 18
7.2.4 AGRICULTURAL CHEMICALS 18
7.2.5 CHEMICALLY TREATED WOOD 18
7.2.6 NATURALLY OCCURRING ASBESTOS (NOA) 19
7.2.7 PETROLEUM HYDROCARBONS 19
7.2.8 THERMOPLASTIC TRAFFIC STRIPING 19
7.2.9 TRANSFORMERS 19
7.2.10 UNKNOWN HAZARDOUS CONDITIONS 20
7.3 SUMMARY OF FINDINGS 20
8 RECOMMENDATIONS 20
9 LIMITATIONS 21

LIST OF TABLES

Table 1. Land Uses of Properties Contiguous to the Project Site....6
Table 2. Historical Aerial Photographs....6
Table 3. Historical Topographic Maps....8
Table 4. Summary of ADL Analytical Data....15
Table 5. Summary of Paint Sample Analytical Data....16

APPENDICES

APPENDIX A – Site Maps
APPENDIX B – Historical Aerial Photographs
APPENDIX C – Historical Topographic Maps
APPENDIX D – GeoSearch Radius Report
APPENDIX E – Project Site Photographs
APPENDIX F – NAL Report
APPENDIX G – Laboratory Analytical Results
APPENDIX H – Caltrans Unknown Hazards Procedure

1 EXECUTIVE SUMMARY

Crawford & Associates, Inc. (CAInc) performed an Initial Site Assessment (ISA) for the County Road (CR) 96 Bridge Replacement over Dry Slough Project in Yolo County, California. The existing bridge is a reinforced concrete T-girder bridge, approximately 44-foot long and 20 feet wide. The proposed replacement bridge is anticipated to be a 60-foot long post-tensioned concrete slab located along the same roadway alignment.

The purpose of this ISA is to identify recognized soil or groundwater contamination and hazardous material issues that may affect the planned project improvements. Based on the records reviewed and a reconnaissance of the project site, CAInc makes the following observations:

- The project site was not identified in the database records reviewed.
- The database records searched and historical topographic maps reviewed did not identify Recognized Environmental Conditions (RECs) or historical RECs that have potentially impacted the project site.
- Historical aerial photographs indicate that properties in the immediate vicinity of the project site were utilized for residential and agriculture purposes from at least 1937.
- Asbestos-containing construction material (ACCM) was not identified at the bridge structure.
- Evidence of naturally occurring asbestos (NOA), including serpentine or ultramafic rock, was not observed at the project site.
- Soil samples were collected to evaluate concentrations of Aerially Deposited Lead (ADL); total lead concentrations in all soil samples were below the hazardous threshold.
- A reconnaissance of the project site identified conditions indicating the potential presence of RECs that might impact the project.
- White paint on the concrete bridge guard rails was observed. Lead in the bridge paint was found to be below the hazardous threshold.
- The project site is bounded by agriculture to the southwest.
- Yellow centerline striping was observed on the roadway pavement. Lead and cadmium were not present in the roadway paint at hazardous concentrations.
- Utility poles and electrical transformers are present within the project site.
- A former utility pole is located within the project site.

The proposed project will impact CR 96. The following general hazardous materials or environmental concerns are typical of similar projects and have been evaluated in this assessment. A detailed discussion is provided in Section 7 that considers the following:

- Asbestos Containing Construction Material
- Aerially Deposited Lead
- Lead-based Paint
- Agricultural Chemicals (Pesticides/Herbicides)
- Chemically Treated Wood
- Naturally Occurring Asbestos
- Petroleum Hydrocarbons
- Thermoplastic Traffic Striping

- Electrical Transformers

Based on the public records, historical aerial photographs, and historical topographic maps reviewed for this project, and the site reconnaissance performed on April 3, 2020, CAInc offers the following recommendations:

- Lead-based paint was identified on the bridge. Demolition of materials containing lead-based paint will need to adhere to the requirements described in Section 7.2.2. A lead compliance plan that protects workers and the environment from lead exposure will need to be prepared prior to implementation of demolition and construction activities. Painted bridge components will need to be removed, transported, and recycled or disposed of in a manner consistent with the lead compliance plan and applicable State and Federal law.
- CAInc recommends testing site soils where disturbance will occur southwest and northeast of the bridge for the following classes of biocides: organochlorine pesticides (EPA Method 8081), chlorinated herbicides (EPA Method 8151) and organophosphorus pesticides (EPA Method 8141) to determine whether these chemicals exist at concentrations that would present an exposure risk to construction workers. Testing should be performed prior to construction to include the most recent pesticide applications.
- The former utility pole located at the northeast corner of the bridge will need to be handled and disposed of as treated wood waste.

This report identifies RECs and general hazardous materials issues that may be present at the site, and provides recommendations for further investigation, as warranted. Additional research and assessment may provide more certainty on conditions to be encountered during demolition and construction.

2 INTRODUCTION

2.1 PURPOSE

The following report summarizes an ISA performed by CAInc for the County Road 96 Bridge Replacement over Dry Slough in Yolo County, California. This ISA was prepared for use by Yolo County for this specific project in accordance with the agreement between Mark Thomas and CAInc, dated July 20, 2018. The purpose of this ISA is to help identify potential or known hazardous materials and hazardous waste impacts that have the potential to impact the project site.

We use the term Recognized Environmental Condition consistent with ASTM E1527-13, which defines REC as:

> *"The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to 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."*

2.2 PROJECT LOCATION

The project site is located within the southern region of Yolo County, between Interstate 505 and State Route 113, approximately 5.5 miles northwest of Davis, California. The bridge is located

on CR 96, ±2,300 feet north of its intersection with CR 31 and ±0.5 miles southeast of the Yolo County Airport. A portion of the Yolo County Airport property extends to the northwest corner of the project site with a southerly boundary at Dry Slough (APN 037-010-028). Bridge coordinates are approximately latitude 38.5679°N and longitude 121.8403°W. The project vicinity is shown on the Vicinity Map (Figure 1, in Appendix A). A project site plan is shown on Figure 2.

2.3 SCOPE OF SERVICES

CAInc completed the following tasks to prepare this ISA:

- Reviewed project data and coordinated with the design team.
- Reviewed available project documents and reports including the project description, Geometric Approval Drawing (dated 1/4/2019), Strip Map (undated), site plan (undated), site geology and groundwater data.
- Conducted a limited site reconnaissance to observe current land use and indications of potential contamination at the site, and to view publicly accessible portions of the adjacent properties.
- Initiated a search request with GeoSearch to review federal, state, and local regulatory agency databases to determine whether areas of environmental concern exist on or near the project site. Search distances ranged between ⅛ and one mile from the project site, depending on the database.
- Reviewed the following online databases for information associated with the project alignment and vicinity:
    - State Water Resources Control Board (SWRCB) GeoTracker website;
    - Department of Toxic Substances Control (DTSC) EnviroStor website;
    - Department of Resources Recycling and Recovery (CalRecycle) Solid Waste Information System (SWIS) facility database; and
    - Department of Conservation, Geologic Energy Management Division (CalGEM) online mapping application, Well Finder.
- Reviewed historical aerial photographs, topographic maps, and soil maps of the site and surrounding properties for indications of site use and potential sources of contamination.
- Reviewed information for evidence of suspected or known contamination/hazardous materials issues (such as pesticide usage, railroad alignments, industrial parks, orchards, etc.).
- Arranged for a certified asbestos consultant (CAC) to visit the site and collect samples for asbestos analysis or reference, and to prepare a report of their findings.
- Screened soil from the project for lead to assess potential impact from ADL.
- Screened paint from the bridge and the yellow centerline striping for concentrations of heavy metals.
- Contacted the Yolo County Agriculture Department to discuss pesticide use in the project vicinity.

2.4 PROJECT DESCRIPTION

Yolo County proposes to replace the existing bridge on CR 96 crossing over Dry Slough. County Road 96 is a rural local roadway that extends between Russell Boulevard on the south and CR 27 on the north. Within the project vicinity, CR 96 is paved and has an approximate width of 20 feet.

The existing bridge (Bridge No. 22C0127) was constructed in 1929 and is approximately 44 feet long and 20 feet wide. The structure consists of single-span reinforced concrete T-girders. The bridge has longitudinal and shear cracking along the girders and evidence of water penetration through the deck. Additionally, the bridge railing is in poor condition with spalling and exposed rebar.

The proposed project will construct a new bridge along the same roadway alignment, accommodating two 11-foot wide travel lanes and two-foot wide shoulders. The new bridge is anticipated to be a single-span structure, approximately 60 feet long. The structure type is expected to consist of a cast-in-place, post-tensioned concrete slab. The roadway and bridge profile will be lowered slightly to smooth out the existing substandard vertical curve, while still providing clearance over the 100-year storm event.

Construction of the bridge will involve excavation for and construction of concrete abutments, founded on driven piles. The new abutments will be constructed behind the existing abutments and most of this work will occur outside of the waterway. Construction of the roadway approaches will involve the removal of existing pavement and placement of new roadway fill material, aggregate base, hot mix asphalt pavement, and installation of guard rail. Temporary work within Dry Slough includes removal of the existing structure, falsework erection and removal, and installation of scour countermeasures at the abutments. Temporary slough diversion is anticipated in order to complete activities within the waterway.

Relocation of overhead electrical and communication lines, including four utility poles, along the west side of CR 96 is anticipated as part of the project. Although the traveled way and shoulders will remain within the County's right of way, permanent acquisitions may be needed for the approach grading and utility relocation from three to four parcels. Temporary construction easements may be needed from up to seven parcels adjacent to the project to facilitate driveway conforms, utility relocations, and allow construction access.

The project site is ±800 feet long, and includes the proposed bridge, driveways to adjacent properties, and reconstruction of the approach roadway from ±350 feet north of the bridge to ±420 feet south of the bridge.

2.5 GEOLOGIC CONDITIONS

The proposed bridge site lies within the southern Sacramento Valley portion of the Central Valley geomorphic province. Recent geologic mapping from the California Geological Survey[1] (Figure 3 in Appendix A) indicates the immediate vicinity of the bridge site is underlain by early to late Pleistocene age alluvial deposits (identified as Qao3 on Figure 3) comprising alluvial fan, stream terrace, basin, and channel deposits; topography is gently rolling with little or no original alluvial surfaces preserved; moderately to deeply dissected. These materials have previously been mapped[2] as Quaternary age Modesto-Riverbank Formations, described as arkosic alluvium, sand with minor gravel, and silt. Other sediments in the general vicinity of the project site are mapped as Holocene-age basin deposits (fine grained sediments of late Holocene age with horizontal stratification deposited by standing or slow-moving water in topographic lows,

[1] Gutierrez, C. I., 2011, Preliminary geologic map of the Sacramento 30′ x 60′ quadrangle, California: California Geological Survey, scale 1:100,000.
[2] Wagner, D.L., C.W. Jennings, T.L. Bedrosian, and .J. Bortugno, 1981, Geologic map of the Sacramento Quadrangle, California: California Division of Mines and Geology, scale 1:250,000.

identified as Qhb in Figure 3) and Pliocene age Tehema Formation (poorly consolidated, non-marine, pale green, gray and tan siltstone, tuff, and pebble to cobble conglomerate, identified as Pth on Figure 3).

Soil conditions within the project alignment were evaluated using the USDA's Natural Resources Conservation Service Web Soil Survey (WSS)[3]. The WSS shows the immediate vicinity of the project site as being underlain by Rincon silty clay loam, derived from alluvial fans deposits. It is typically comprised of silty clay loam, silty clay, and clay from 0 to 72 inches in depth.

No faults are mapped in the immediate project site vicinity. Based on mapping from the US Geological Survey[4], the nearest Quaternary age faults include the Dunnigan Hills fault (last movement <130,000 years age) ±10.6 miles to the north, the Midland fault (last movement <1.6 million years) ±9.9 miles to the south, and the Great Valley thrust fault (last movement <1.6 million years) ±9.0 miles to the west-southwest. These and other Quaternary age faults in the area are shown on Figure 4 (Appendix A). The proposed bridge site is not mapped within an Alquist-Priolo Special Studies Zone[5].

Mapping by the California Department of Mines and Geology[6] does not show ultramafic rocks (rocks likely to contain naturally occurring asbestos) within a mile of the project site.

2.6 HYDROGEOLOGIC CONDITIONS

The project site is located within the Sacramento Valley groundwater basin (Yolo Subbasin). Based on the Department of Water Resources' Sustainable Groundwater Management Act Data Viewer[7], the groundwater elevation beneath the project site in fall 2019 was ±67 ft above mean sea level (±14 feet below ground surface [ft bgs]), with flow toward the west. In spring 2020, the groundwater elevation was ±65 ft above mean sea level (±15 ft bgs), with flow toward the west to west-southwest. The recent high groundwater elevation was measured in spring 2019 at ±77 ft above mean sea level (±4 ft bgs), and the recent low groundwater elevation was measured in spring 2015 at ±33 feet above mean sea level (±48 ft bgs).

According to the Federal Emergency Management Agency's flood insurance rate map 06113C0580G[8] dated June 18, 2010, Dry Slough, the bridge, and land south of the bridge are mapped in Zone AE, defined as a special flood hazard area subject to inundation by the 1% annual chance flood (100-year flood) where base flood elevations have been determined (86 feet). Land at the north end of the bridge are mapped as Zone X, defined as area determined to be outside the 0.2% annual chance floodplain.

[3] https://websoilsurvey.sc.egov.usda.gov/
[4] https://earthquake.usgs.gov/hazards/qfaults/
[5] http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps
[6] Churchill, R.K., and Hill, R.L., 2000, A generalized location guide for ultramafic rock in California–areas more likely to contain naturally occurring asbestos: California Division of Mines and Geology, Open-File Report 2000-19.
[7] https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels
[8] https://msc.fema.gov/portal/search#searchresultsanchor

3 LAND USE

3.1 CURRENT LAND USE

Lands adjacent to the project site are currently developed for residential and agricultural uses. Parcels immediately adjacent to the existing bridge are identified in Table 1; assessor parcel numbers (APNs) have been included on the Project Site Map (Figure 2 in Appendix A).

Table 1. Land Uses of Properties Contiguous to the Project Site

Location	APN[9]	Land Use
Northwest	037-010-028	Residential
Northeast	037-010-024	Equestrian
Southwest	037-010-028	Agriculture
Southeast	037-010-024 037-010-025	Residential; agricultural equipment storage

APN = Assessor's Parcel Number

3.2 HISTORICAL LAND USE

In general, properties in the vicinity of the project site have included a mix of agricultural and residential use from 1937 to present.

3.2.1 HISTORICAL AERIAL PHOTOGRAPHS

Aerial photographs were provided by GeoSearch for the years shown in Table 2. The photographs were reviewed for information about historical conditions and land use within the study area. The photos are described in chronological order below. The GeoSearch report (dated April 3, 2020) is included in Appendix B.

Table 2. Historical Aerial Photographs

Year	Source	Scale
1937	ASCS	1 in = 500 ft
1954	AMS	1 in = 500 ft
1957	ASCS	1 in = 500 ft
1964	ASCS	1 in = 1,320 ft
1968	USGS	1 in = 500 ft
1974	USGS	1 in = 500 ft
1984	USGS	1 in = 500 ft
1993	USGS	1 in = 500 ft
2003	USDA	1 in = 500 ft
2004	USDA	1 in = 500 ft
2005	USDA	1 in = 500 ft

[9] https://www.yolocounty.org/general-government/general-government-departments/general-services/geographic-information-system-gis/use-gis

Year	Source	Scale
2006	USDA	1 in = 500 ft
2009	USDA	1 in = 500 ft
2010	USDA	1 in = 500 ft
2012	USDA	1 in = 500 ft
2014	USDA	1 in = 500 ft
2016	USDA	1 in = 500 ft

1937 In the project vicinity, CR 96, Dry Slough and the bridge are evident. Dry Slough flows from the southwest to the northeast in its current configuration. Agricultural lands are depicted north and south of the project limits. What appears to be a residence and outbuildings is situated on a large parcel surrounded by trees northwest of the bridge (APN 037-010-28). There is no discernable development at the northeast corner of the bridge (037-030-002). Two structures are situated on undeveloped land southwest of the bridge (APN 037-010-28). There are no discernable driveways or other features around the two structures. A structure of unknown use is located southeast of the bridge surrounded by undeveloped land (APN 037-010-024). A clump of dense vegetation occupies the south bank of Dry Slough on the east side of the bridge. Beyond the immediate project vicinity, lands are under cultivation or appear undeveloped.

1954 Low quality photograph. No significant changes are detectable.

1957 Properties bordering the northern limits of the project site are developed with home sites; agricultural lands remain beyond the southern limits of the site. A rectangular structure of unknown use is located near the northwest corner of the bridge (APN 037-010-28). The triangle of land at the northeast corner of the bridge is also undeveloped. A residence is situated southeast of the bridge directly south of the existing building (APN 037-010-025). Southwest of the bridge is an open field, no longer containing structures (APN 037-010-28). Row crops are present in the far southwest corner of the project site (APN 037-010-023 and 037-010-25).

1964 Poorly focused photograph; no substantive changes from the 1957 photo are apparent.

1968 A third residential structure and landscaping are depicted bordering the southeast corner of the project site, on APN 037-010-025. Agriculture remains along the southwest boundary of the site.

1974 The original structure on APN 037-010-024 is no longer present. Agriculture continues to be depicted southwest of the project limits. No other substantive changes from the 1968 photo.

1984 Low quality photograph; an orchard appears to occupy a triangle of land northeast of the bridge. No other discernable changes from the 1974 photo.

1993 The fields on the west side of the project site, on both sides of the slough appear to be under cultivation with a road around the perimeter (APN 037-010-028). A narrow rectangular structure is depicted on this parcel ±250 feet northwest of the bridge. The orchard formerly occupying the triangle of property northeast of the bridge is no longer present; the property appears undeveloped.

2003 Low quality photo. Three additional structures are depicted north of the narrow rectangular structure identified in the 1993 photo (APN 037-010-028).

2004 Low quality photos; no discernable changes.

2005 Striping on CR 96 is evident. The three structures identified in the 2003 photo northwest of the project limits are no longer present. Trees have been removed and equipment and/or vehicles are scattered at the southeast corner of the bridge (APN 037-010-024). Further south, an accessory structure is evident southeast of the project limits, northeast of the residence (APN 037-010-025).

2006 Low quality photo; no discernable changes from the 2005 photo.

2009 The structure formerly located northwest of the project site is no longer present. A structure is depicted on the triangle of land at the northeast limits of the project site.

2010 - 2016 No substantive changes are evident from the 2009 photo. An agricultural field remains along the southwest limits of the project site on the south side of Dry Slough (APN -37-010-28). North of Dry Slough a field is offset from the project site by ±150 feet to the west by what appears to be a home site encircled with trees (adjacent to the northwest corner of the bridge) and vacant land north of the home site.

3.2.2 HISTORICAL TOPOGRAPHIC MAPS

Historical topographic maps were provided by GeoSearch for the years shown in Table 3, and are discussed in chronological order below. Maps were reviewed for significant changes in topography or property improvements. The GeoSearch report (dated April 2, 2020) is included in Appendix C.

Table 3. Historical Topographic Maps

Year	Quadrangle	Scale
1907	Woodland, CA	1 in = 5,208 ft
1915	Merritt, CA	1 in = 2,640 ft
1941	Woodland, CA	1 in = 5,208 ft
1952	Merritt, CA	1in = 2,000 ft
1953	Woodland, CA	1 in = 5,208 ft
1968 (Photorevision)	Merritt, CA	1in = 2,000 ft
1975 (Photorevision)	Merritt, CA	1 in = 2,000 ft
1981 (Photorevision)	Merritt, CA	1 in = 2,000 ft
1992	Merritt, CA	1 in = 2,000 ft
2012	Merritt, CA	1 in = 2,000 ft

1907 County Roads 96, 29, 30 and 31 and Dry Slough are depicted. One structure is depicted <400 feet west of the project site in the north side of Dry Slough. Topographic contours indicate the site is relatively flat. No other development is shown in the project vicinity.

1915 No substantive changes are indicated from the 1907 map. Elevation at the bridge is shown as 71 feet.

1941 The bridge is depicted across Dry Slough. A second structure is depicted on the north side of Dry Slough west of the bridge. A single structure is depicted near the southwest corner of the bridge and at the southeast corner of the bridge. Structures now occupy all but the northeast corners of the bridge.

1952 The airport is depicted ±0.5 miles northwest of the project site. One structure is depicted northwest of the bridge. Three structures are depicted southeast of the bridge. The structure previously shown southwest of the bridge is no longer evident. An oil tank is depicted ±2,200 feet south of the project site.

1953 Two structures are depicted on the southeast side of the bridge. No other structures are depicted in the project vicinity.

1968 Two new structures are depicted on the northwest side of the bridge near the bank of the slough. Two new structures are indicated 400 feet northwest of the bridge, and another new structure is depicted northeast of the bridge. Four structures are depicted on the southeast side of the bridge.

1975 An east-west trending unpaved road is depicted northwest of the project limits, connecting to the airport property. Additional roads northwest of the site indicate the development of a subdivision.

1981 No substantive changes from the 1975 map.

1992 Several structures are no longer shown on the map, including three structures northwest of the bridge and one on the southeast side of the bridge.

2012 No human-made features beside streets are shown on this map; the configuration matches current conditions.

4 DATABASE SEARCH AND RECORDS REVIEW

4.1 DATABASE SEARCH

Databases and site lists maintained by environmental regulatory agencies were searched for properties within the study area to identify sites with known releases of hazardous materials or petroleum products, and sites with the potential for such releases. Each of the following databases and site lists was searched for sites within the ASTM standard search radius relative to the project site. Refer to the GeoSearch Radius Report (dated April 2, 2020) in Appendix E for descriptions of the databases and lists searched, and the dates they were last updated.

4.2 SUMMARY OF RECORDS SEARCH

The following records were identified in the GeoSearch Radius Report within one mile of the project site:

- **Map ID #1.** The Yolo County Airport was identified in a number of databases reviewed by Geosearch. The airport facility is located ±0.5 miles northwest of the project site, however a portion of the airport property extends into the northwest corner of the project site with a southerly boundary at Dry Slough (APN 037-010-028). Refer to the Radius Report (Map ID

#1) included in Appendix D for map and additional information. The airport property is identified in the following databases: Enforcement and Compliance History Information, Facility Registry System, Formerly Used Defense Sites (FUDS), Leaking Underground Storage Tanks, Military Cleanup Sites, Resource Conservation & Recovery Act-Generator (RCRANGR09), and Yolo County Leaking Storage Tanks (YCLST).

During World War II, the Federal Government acquired the airport property for use as an alternate flight strip. Facility improvements included a runway, taxiways, two aircraft fueling areas, an operations area, control tower, bomb storage area, and housing area. Munitions were stored at this facility, but no munitions have been identified subsequent to base closure[10]. Archival documents indicate the bomb storage area was situated ±1,250 feet northwest of the bridge[11]. The environmental investigation was closed as of May 2, 2014 after receiving concurrence with the finding of No Department of Defense Actions Indicated for the FUDS facility from DTSC and the Regional Water Quality Control Board (RWQCB). Due to the distance between the munitions storage area and the project site and the closed status of the facility, the FUDS facility is unlikely to have impacted the project site.

In 1982, an earthen pond utilized for wastewater containment from the Curtis paint stripping operation was found to contain methylene chloride and phenols. The pond was filled in using embankment soils in 1988. In addition to the Curtis Pond, in 1990 the Central Valley RWQCB identified rinse water flowing from a gravel crop duster loading area into a drainage ditch in the western portion of the airport property. Soil samples collected from 1980 to 1985 contained several pesticides, including endosulfan, parathion, chlorpyrifos and toxaphene. Both facilities are situated in the central portion of the airport property on the west side of the runway, over one mile northwest of the bridge. Underground fuel storage tanks, fuel stands, and piping have been removed, and the associated environmental assessment was completed in 2016. A workplan to investigate potential soil and groundwater impacts from Curtis Pond and the crop duster loading area was accepted by the RWQCB in 2019[12]. Due to a distance of over a mile between this facility and the project site, the Curtis Pond and the crop duster storage area sites are unlikely to have impacted the project site.

- **Map ID #2.** The Beoshanz property (Yolo County File #HM 443), located at 25635 CR 96, is located ±100 feet from the southwest corner of the project site, and is identified in the YCLST database. Chlordane, a pesticide used for the treatment of termites, was applied inside the residence; an investigation determined that levels were below PRG. No further action was required; the case was closed. Because the application occurred indoors and the case is closed, this case is unlikely to have impacted the project site.
- **Map ID#3.** Garrett Landscape Construction, located at 25361 CR 96, ±600 feet north of the project site is identified in the RCRANGR09 database. CAInc found no records of environmental cases associated with this facility. The site is identified as a non-generator of hazardous waste, and is unlikely to have impacted the site.
- **Map ID#4.** Washburn Agricultural Services, located at CR 31 (Covell Road) and CR 96, ±1,800 feet south of the project site, is identified in the GeoTracker Cleanup Sites (CLEANUPSITES) database. Operations included herbicide handling, bagged herbicide sales, and equipment washing at the wash pad, with wash water draining to a ditch

[10] U.S. Army Corps of Engineers, correspondence with DTSC, November 29, 2012.
[11] U.S. Army Corps of Engineers, Defense Environmental Restoration Program for formerly Used Defense Sites Ordnance and Explosive Waste Chemical Warfare Materials Archives Search Report Findings for Yolo County Airport Formerly Winters-Davis Flight Strip, March 1995.
[12] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT5S5733506

alongside CR 31. Soil samples collected in 1980 by the Yolo County Agricultural Commissioner's Office from the drainage ditch and 500 feet from the drainage ditch (direction not indicated) contained atrazine, Karmex, DDT and other agricultural chemicals. Several wells in the vicinity were found to contain low levels of atrazine, with Washburn considered to be a potential contributor. In 1995, RWQCB staff concluded that current management practices should not pose a threat to groundwater quality, and identified the facility as low priority. Upon case review by RWQCB in 2019, the case was designated as an Information Item[13]. Based on the determination of the RWQCB, and the distance of over 1,800 feet between the Washburn facility and the project site, it is unlikely that the Washburn facility has impacted the project site.

4.2.1 ADDITIONAL DATABASE SEARCHES

On May 28, 2020, CAInc reviewed the State of California's GeoTracker[14], EnviroStor[15], and SWIS[16] websites to identify additional facilities that might have recently been added since GeoSearch updated their databases (database version dates are listed in the Radius Report, Appendix D).

- **J & K Aerial Applicators** (L10009716245), located on the east side of the Yolo County Airport, is identified in the GeoTracker database as a land disposal site. The case status is identified as open[17]. There is limited facility history available. The case summary identifies Yolo Dusters and Growers Air Service also operating at this location.[18] Tanks were cleaned (emptied) by spraying residual pesticides (2, 4-D) along the taxiway, a common practice for crop dusters. This same case summary mentions the paint stripping operation, suggesting this is a duplicate record. A phone call and email to RWQCB has not been returned. Due to the distance between this facility and the project site of approximately one mile, further investigation into this case does not appear warranted.

No additional facilities were identified within one mile of the project site.

CAInc reviewed the State of California's Well Finder website[19] (May 28, 2020) to identify gas, petroleum or geothermal wells in the vicinity. The project site is located within the Dry Slough Gas Field (abandoned). The following wells were located within ±0.5 miles of the project site:

- ChevronTexaco Exploration & Production Company dry gas well (plugged) is located ±1,500 feet east of the project site (APN 037-010-023).
- ChevronTexaco Exploration & Production Company dry hole (plugged) is located ±2,000 feet southwest of the project site (APN 037-010-028).
- Royale Energy, Inc. gas well (plugged) is located ±2,200 feet south-southeast of the project site (APN 037-080-005).
- Aspen Exploration Corporation dry gas well (plugged) is located ±2,500 west-northwest of the project site (APN 037-010-028).

[13] Rader, Geoffrey, P.E., Water Resources Control Engineer, Site Cleanup Section, Central Valley Regional Water Quality Control Board, Case File Memo, January 15, 2019.
[14] http://geotracker.waterboards.ca.gov
[15] https://www.envirostor.dtsc.ca.gov/
[16] https://www2.calrecycle.ca.gov/SWFacilities/Directory/
[17] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10009716245
[18] https://geotracker.waterboards.ca.gov/case_summary?global_id=SLT5S5733506
[19] https://maps.conservation.ca.gov/doggr/wellfinder/

No operating or abandoned wells were identified within one mile of the project site.

4.2.2 UNLOCATED FACILITIES

GeoSearch identified the following records that could not be mapped due to limited or incomplete address information:

- **J & K Aerial Applicators**, E. side Yolo Co. Airport. Identified on the CLEAUNUPSITES database (ID #SLT5S7533505 and #L10009716245), the Spills, Leaks, Investigation & Cleanup Recovery Listing database (SLIC) (ID #SLT5S7533505), and the Waste Management Unit Database System (ID #5A570301N01). This facility is described in Section 4.2.1.
- **Yold Aviation Inc., CR 29 and 95, Yold Cou**. (Note the probable spelling errors in the facility name and location). Identified in the Historic Underground Storage Tank database (ID #0002D4BC). Appears to be the same as Yolo Dusters, which GeoTracker reports operated at the J & K Aerial Applicators facility at the Yolo County Airport. CAInc reviewed the YCDEH online document database and found a report prepared by YCDEH that identified three underground storage tanks (UST) removed from the airport in 1990, one under the name Yolo Aviation, Inc.[20] According to the report, "These are the only known tanks at the Yolo Co Airport. Tanks one and three date back to the Air Force. Tank two was installed by Yolo Aviation. All were removed - all in good conditions and no apparent soil or groundwater contamination."
- **Yolo County International Airport**, located on 510 acres, CR 24, Woodland. Identified in the SLIC database (ID #5-SLIC-601). This record appears to be related to the airport cases described above.

All of the unlocated facilities appear to be associated with the Yolo County Airport. The 500-acre airport property is comprised of a north-south runway on the west side of the property with buildings and other infrastructure located along the east side of the runway. The airport property continues east with approximately 600 feet of undeveloped land between the developed airport facility and adjacent properties to the east. The project site is located well over 0.5 miles east of the developed portion of the airport property where facilities such as crop dusting operations and USTs would likely have been located. It is unlikely these facilities have impacted the project site.

4.3 INTERVIEWS

Because the site is bounded by active and historic agricultural lands, CAInc contacted the Yolo County Department of Agriculture by telephone and by email on May 7, 2020, to inquire about pesticide application in the project vicinity. On May 8, 2020, Jack Dewit, Deputy Agricultural Commissioner, responded with pesticide use reports on adjacent properties for the most recent twelve months. Eighteen different pesticides were reportedly applied in the project vicinity over a one-year period between May 8, 2019 and May 8, 2020[21]. California began requiring full reporting of agricultural pesticide use in 1990[22], however early reporting was minimal and incomplete[17].

[20] Yolo County Heath Services Agency, Environmental Health, Underground Storage Tanks Comprehensive Facility Report, July 01, 1992.
[21] Dewit, Jack, Deputy Agricultural Commissioner and Sealer, Yolo County Agricultural Commissioner, May 8, 2020.
[22] http://www.cdpr.ca.gov/docs/pur/purmain.htm

Due to a lack of complete historic pesticide use records, the types of chemicals that have been applied to adjacent agricultural lands are unknown. Soil testing would be required to ascertain whether pesticide concentrations are found in site soils as a result of drift or overspray from adjacent lands. Agricultural chemicals are discussed in greater detail in Section 7.2.4.

5 SITE RECONNAISSANCE

A reconnaissance of the project site was performed on April 3, 2020, by Mr. Steve Carter. The reconnaissance consisted of a walking and driving traverse along CR 96 in the vicinity of the existing bridge, and included visual observations of the roadway, properties adjacent the project site, and conditions on, under, and adjacent to the existing bridge. These observations were intended to identify the land uses and activities at the project site and on adjacent properties, and identify the presence, or likely presence, of hazardous substances or petroleum products at the project site and on adjacent properties. During site reconnaissance, the following conditions were noted:

- Two-lane (22-feet wide), single-span, concrete bridge, with concrete abutments, wing walls, and guard rails, and an asphalt-paved deck.
- White paint on the guard rails was observed to be powdery.
- Approach roads on both sides of the bridge are paved, with yellow centerline striping but no fog lines.
- No approach guard rails were observed.
- Reflector signs mounted on metal posts were present at the right abutment on both approaches.
- Water was present in Dry Slough, flowing southwest to northeast.
- Vegetation adjacent to the slough, bridge, and approach roads appeared verdant and healthy.
- Properties adjacent to the slough and bridge are utilized for agriculture and residential uses.
- Southwest corner (APN 037-010-028) –agriculture (field or row crops).
- Southeast corner (APN 037-010-024) – 25599 CR 96; residential, with outbuilding and agriculture equipment. Aboveground tank observed ±150 feet east of east of CR 96, property owner said was not used, had never been operated at site.
- Northwest (APN 037-010-028) – 25540 CR 96, residential.
- Northeast (037-010-024) – equestrian.
- Overhead electrical and telecommunications wires run along the west side of CR 96. Pole-mounted transformers were observed ±55, ±200, and ±425 feet south, and ±175 and ±500 feet north of the bridge. These transformers appeared in good repair, with no staining observed on the equipment, pole, or adjacent ground surface.
- What appeared to be a former utility pole stump was observed adjacent to the wing wall at the northeast corner of the bridge.

General Observations

During the reconnaissance CAInc did not observe evidence of:

- Aboveground irrigation manifolds or indications of agricultural chemical storage or mixing
- Aboveground or underground storage tanks, except as mentioned above
- Stockpiled soil

- Staining of the ground surface
- Automotive batteries
- Medical or drug lab waste
- Mining activity
- Rock outcrops
- Serpentine, ultramafic rocks, or evidence of naturally-occurring asbestos
- Faulting, springs or seeps
- Ponds, lagoons, or standing water (except flowing water in canal)
- Drums or hazardous materials storage containers
- Unusual or suspicious odors

Observations made during the site reconnaissance generally support the research and background data. Photographs from the site reconnaissance are provided in Appendix E.

6 ENVIRONMENTAL ANALYSIS

6.1 ASBESTOS CONTAINING CONSTRUCTION MATERIAL (ACCM)

CAInc contracted with National Analytical Laboratory, Inc. (NAL) to inspect the bridge for the presence of asbestos containing construction material (ACCM). This inspection was performed on April 16, 2020. A copy of the NAL report is included as Appendix F.

According to the NAL report, the asbestos inspection was performed by a certified asbestos consultant, in conformance with the Environmental Protection Agency's (EPA) Asbestos Containing Building Materials In-School Rule; CFR 763.85. During the inspection, six bulk samples were collected for later analysis by ESML Analytical, Inc. NAL reported that asbestos was not detected in any of the six samples analyzed. The bridge inspection and analytical results indicate that no asbestos is present in the area that is being removed.

6.2 AERIALLY DEPOSITED LEAD (ADL)

Soil samples were collected on April 3, 2020 by CAInc. Soil samples were collected adjacent to each of the four corners of the bridge (ADL1 through ADL4) to assess if use of the bridge during the period of leaded gasoline use had impacted soil adjacent to the road with hazardous concentrations of ADL. Sample locations are presented on Figure 2 in Appendix A.

At each of the ADL sample locations, discrete samples were collected from 0 to 6 inches, 12 to 18 inches, and 24 to 30 inches bgs. A hand auger was used to advance a shallow boring at each sample location; samples from the selected intervals were collected from the hand auger. Soil from each sampled interval was homogenized in the field then placed into a plastic bag which was sealed with a plastic wire tie. The boreholes were backfilled with cuttings and adjacent native material after sampling at each location to return the excavation to approximately original grade.

To prevent incidental and cross contamination, all sampling equipment (hand auger and hand tools) was washed with a weak detergent bath and rinsed with clean, potable water before moving to a new sample location. Wash and rinse water from the cleaning process was disposed of at the site away from drainage inlets or known environmentally sensitive areas.

Following collection, each sample was labeled, and then transported under chain-of-custody (COC) documentation to BC Laboratories, Inc. (ELAP Certification #1186) for analysis. Prior to analysis, each of the ADL samples was again homogenized at the lab.

6.2.1 HAZARDOUS WASTE CLASSIFICATION CRITERIA

Regulatory criteria to classify a waste as "California hazardous" for handling and disposal purposes are contained in the California Code of regulations (CCR), Title 22, Division 4.5, Chapter 11, Article 3, §66261.24. Criteria to classify a waste as "Resource, Conservation and Recovery Act (RCRA) hazardous" are contained in Chapter 40 of the Code of Federal Regulations (40 CFR), §261.

For a waste containing lead, the waste is classified as "California hazardous" when: (1) the total lead content exceeds 1,000 milligrams per kilogram (mg/kg), the Total Threshold Limit Concentration (TTLC); or (2) the soluble lead content exceeds 5.0 milligrams per liter (mg/l), the Soluble Threshold Limit Concentration (STLC) based on the Waste Extraction Test (WET). A waste has the potential of exceeding the STLC when the waste's total lead content is greater than or equal to ten times the STLC value, since the WET uses a 1:10 dilution ratio. When the total lead concentration is greater than or equal to 50 mg/kg (ten times the STLC, and assuming that 100 percent of the total lead is soluble), soluble lead analysis is performed.

A material is classified as "RCRA hazardous" when the soluble lead content exceeds the Federal Regulatory Level based on the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP value for lead is also 5.0 mg/l. The WET and TCLP methodologies are similar; the WET method uses a citric acid extractant applied for 48 hours, whereas the TCLP uses an acetic acid extractant applied for 18 hours.

The above regulatory criteria are based on toxicity. Wastes may also be classified as hazardous based on other criteria such as ignitability, corrosivity, and reactivity. For the purposes of ADL investigations, toxicity and corrosivity (e.g., chemical concentrations and soil pH values, respectively) are the primary factors considered for waste classification. Waste that is classified as either "California hazardous" or "RCRA hazardous" requires management as a hazardous waste and disposal at an appropriately permitted disposal facility.

6.2.2 ANALYTICAL LABORATORY RESULTS

Analytical results for lead analyses are summarized below in Table 4. Laboratory reports and COC documentation are included in Appendix G. Refer to the laboratory reports for reporting limits and analytical methods.

Table 4. Summary of ADL Analytical Data

Sample Location	Sample Depth (in)	Total Lead (mg/kg)	pH
ADL1A	0 - 6	34	- - -
ADL1B	12 - 18	7.0	- - -
ADL1C	24 - 30	3.1	- - -
ADL2A	0 - 6	30	- - -
ADL2B	12 - 18	12	7.18
ADL2C	24 - 30	5.1	- - -

ADL3A	0 - 6	14	- - -
ADL3B	12 - 18	12	- - -
ADL3C	24 - 30	3.2	- - -
ADL4A	0 - 6	24	- - -
ADL4B	12 - 18	3.5	- - -
ADL4C	24 - 30	3.2	- - -
Hazardous limits		1,000	≤2 or ≥12.5

mg/kg = milligrams per kilogram - - - = Sample not analyzed

Total lead concentrations in all soil samples ranged from 3.2 to 34 mg/kg, below the 50 mg/kg threshold requiring additional analysis. These data indicate that lead is not present in soil adjacent to the bridge at concentrations that exceed the hazardous threshold.

6.3 LEAD-BASED PAINT

White paint on the bridge guard rails was observed to be powdery. A sample of the bridge paint (BR1) and the yellow roadway striping paint (RD1) were collected by CAInc on April 3, 2020, from the guard rail at the northeast corner of the bridge to assess the lead content in the paint. Sample BR1 was collected using a stainless-steel putty knife and rock hammer; sample RD1 was collected using a rock hammer. The samples were placed in a new resealable plastic bags, labeled, and transported under chain of custody documentation to BCL. CAInc returned to the site on April 15, 2020, to collect additional sample from location BR1 to perform the soluble lead analyses.

6.3.1 ANALYTICAL LABORATORY RESULTS

Analytical results summarized below in Table 5. Laboratory reports and COC documentation are included in Appendix G. Refer to the laboratory reports for reporting limits and analytical methods.

Table 5. Summary of Paint Sample Analytical Data

Sample Location	Total Lead (mg/kg)	Total Cadmium (mg/kg)	Soluble Lead (WET) (mg/L)
BR1	290	1.8 (J)	1.2
RD1	20	<2.5	- - -
Hazardous limits	1,000	100	5.0

mg/kg = milligrams per kilogram - - - = Sample not analyzed
WET = Waste Extraction Test J = estimated value
TCLP = Threshold Limit Concentration Procedure

A total lead concentration of 290 mg/kg was reported for bridge paint sample BR1; the soluble lead concentration in this sample was reported at 1.2 mg/l, below the hazardous waste threshold. TCLP analysis of the bridge paint sample BR1 was not performed due to insufficient sample volume. The total lead concentration in road paint sample RD1 was reported at 20 mg/kg, below the threshold requiring additional analysis. Further analysis of the bridge paint and roadway paint for lead does not appear warranted.

Cadmium was reported in bridge paint sample RD1 at an estimated concentration of 1.8 mg/kg. Cadmium was not present in the roadway paint sample. Further analysis of the paint samples for cadmium is not warranted.

7 FINDINGS

The purpose of this report is to identify recognized soil or groundwater contamination or hazardous material issues that could impact the project. The assessment identified the following potential hazardous materials issues that should be considered in the planning of project improvements.

7.1 POTENTIAL HAZARDOUS MATERIALS SITES

Based on the records search and site reconnaissance described above, CAInc makes the following observations.

- The project site was not identified in the database records reviewed. The records review found the nearest environmental case to be located ±1,250 feet from the project site, and that case is closed.
- The database records, aerial photographs, and historical topographic maps search did not identify any RECs or historical RECs that have potentially impacted the project site.
- Reconnaissance did not identify any other suspect sites in the project site vicinity.

7.2 GENERAL HAZARDOUS MATERIALS ISSUES

7.2.1 ASBESTOS CONTAINING CONSTRUCTION MATERIAL (ACCM)

There is a potential for asbestos to be present in concrete used for transportation structures (bridge piers, footings, abutments, decks, sidewalks). ACCM, as defined in the California Code of Regulations, Title 8, Section 1529 of the Construction Safety Orders, may also be present in construction materials such as bridge joint seals, bearing pads, shims, deck drains or other less obvious materials such as pipe conduits for utilities.

Under the federal asbestos National Emissions Standards for Hazardous Air Pollutants regulations (NESHAP, 40 CFR Part 61, Subpart M), a Certified Asbestos Consultant (CAC) must make definitive conclusions regarding the presence of ACCM. Prior to demolition or reconstruction, existing structures are required to have an asbestos survey completed to determine the appropriate method of handling and disposal of demolition debris. Written notification to the Air Quality Management District of demolition or renovation operations on structures is required at least 10 business days prior to conducting the work, regardless of the presence or absence of asbestos in the bridge materials.

A bridge inspection was completed by NAL on April 16, 2020. According to the NAL report, ACCM was not identified in the bridge components. An Asbestos Demolition and Renovation Notification Form for submittal to the Yolo-Solano Air Quality Management District is included in Appendix F.

7.2.2 AERIALLY DEPOSITED LEAD (ADL)

Generally, ADL may be an issue on roads which have historically experienced significant traffic volume, particularly where vehicles would be stopping and idling, i.e., at a stop sign or a high congestion area. Leaded gasoline was used from the 1920s through the 1980s. ADL is also a concern in areas adjacent to structures where paint containing lead was used.

Soil samples from the vicinity of the existing bridge were evaluated for total lead. Concentrations in these samples ranged from 3.2 to 34 mg/kg, below the hazardous waste threshold. Further analysis of the soil at the project site does not appear warranted. Soil excavated at the site may

be reused at the site without restriction. Additional sampling and analysis may be required for off-site disposal. Handling of soils containing lead, even at non-hazardous concentrations, must be included in the lead management plan.

7.2.3 LEAD-BASED PAINT

Transportation structures are often painted, and this paint has the potential to contain lead at concentrations that may require abatement or special handling. If lead is identified at concentrations above threshold limits, painted surfaces must be disposed of in accordance with Caltrans 2018 Standard Specification Section 14-11.13, Disturbance of Existing Paint Systems on Bridges, and Caltrans 2018 Standard Special Provision 14-11.13. The presence, or likely presence, of lead in the project site requires preparation of a Lead Compliance Plan (Caltrans 2018 Standard Specifications section 7-1.02K(6)(j)(ii), Lead Compliance Plan, and Caltrans 2018 Standard Special Provision 7-1.02K(6)(j)(iii)), and a Health & Safety Plan for workers in accordance with Cal OSHA Title 8, Section 1532.1.

CAInc collected a sample (BP1) of the powdery white paint on the concrete guard railing. Total lead was reported in this sample at a concentration of 290 mg/kg; the soluble lead concentration in this sample was 1.2 mg/l, below the hazardous waste threshold. Caltrans 2018 Standard Specification Section 14-11.13, Disturbance of Existing Paint Systems on Bridges, and Caltrans 2018 Standard Special Provision 14-11.13 will apply to demolition of this bridge.

7.2.4 AGRICULTURAL CHEMICALS

The earliest known pesticides were based on naturally occurring chemicals. Those that persisted in the environment contained metals, such as lead arsenate commonly used in orchards from the 1800s until the 1940s. The second generation of pesticides was introduced during World Wars I and II, originating from chemicals and technologies developed for warfare and later applied to farms. This generation of pesticides largely included synthetic carbon-based (organic) compounds, and included organochlorines and organophosphates. The first important organochlorine pesticide (OCP) was DDT, discovered in 1939, and subsequently found to persist in the environment for decades. DDT was banned for agricultural purposes in 1974, and the elimination of the remaining persistent OCPs soon followed. Agricultural pesticides used today have shorter half-lives than their predecessors. Pesticide residue is most commonly found in areas of chemical storage, mixing and disposal, and where pesticide application equipment was cleaned. Pesticides may also accumulate in surface water features such as drainage ditches and swales[23,24].

Based on aerial photographs dating back to 1937, the property adjacent to the southwest project limits (APN 037-010-028) has been utilized for agriculture at least since that time, and continues to be actively cultivated. The photographs indicate an orchard was present immediately northeast of the bridge sometime between 1974 and 1993. While no evidence of agricultural chemical mixing or storage was observed on the adjacent properties, it is possible that chemical applications could have resulted in drift or overspray that affected the project site and areas that will be utilized for the driveway reconstructions.

7.2.5 CHEMICALLY TREATED WOOD

[23] *Interim Guidance for Sampling Agricultural Properties (Third Revision)*, California Department of Toxic Substances Control, California Environmental Protection Agency, August 7, 2008.
[24] *Guidance for Evaluating Residual Pesticides on Lands Formerly Used for Agricultural Production*, Oregon Department of Environmental Quality, January 2006 (updated June 2019).

Chemically treated wood must be handled as treated wood waste (TWW) and disposed of as hazardous waste. Section 66261.9.5 of DTSC regulations provide alternative management standards (AMS) for treated wood waste. SSP 14-11.14 for TWW is based on AMS regulations. This special standard provision directs the contractor to follow the AMS, including providing training to all personnel that may come in contact with TWW. Training must include, at a minimum, safe handling; sorting and segregating; storage; labeling (including date); and proper disposal methods. Relocation of treated wood utility poles is generally the responsibility of the utility owner.

What appeared to be a former utility pole was observed at the northeast corner of the bridge, and will likely be impacted by bridge replacement; this will need to be handled and disposed of as treated wood waste. No other treated wood was observed at the site. If treated wood is encountered during demolition activities, it will need to be handled as described above.

7.2.6 NATURALLY OCCURRING ASBESTOS (NOA)

The geologic mapping reviewed as part of this study does not indicate ultramafic rocks or rocks suspected to contain NOA are present within the study area. CAInc did not observe rock outcrops or rock fragments that are suspected to contain NOA during site reconnaissance. Although NOA can be associated with faults, no mapped faults are depicted within the study area. The potential for NOA in the study area is considered low and no further study with respect to NOA is warranted.

7.2.7 PETROLEUM HYDROCARBONS

An aboveground fuel storage tank, was observed on APN 037-010-024, but the property owner indicated this tank was not in use, and had not been used at this property. Aboveground storage tanks, barrels, or evidence of underground storage tanks were not observed on other properties adjacent to the bridge. Further evaluation of petroleum hydrocarbons is not warranted.

7.2.8 THERMOPLASTIC TRAFFIC STRIPING

Thermoplastic traffic striping may contain heavy metals, including lead and cadmium, at concentrations in excess of the hazardous waste thresholds established by the California Code of Regulations, and may produce toxic fumes when heated. Consequently, the traffic striping within the project area should be tested to determine whether hazardous concentrations of heavy metals are present. If the volume of striping material to be removed by grinding or planing is anticipated to be small, it could be assumed to be hazardous waste and disposed of accordingly, at a Class 1 disposal facility. If painted paving material is removed and recycled, testing for heavy metals would not be required.

Lead and cadmium were not present in the roadway paint at hazardous concentrations. If project plans call for the yellow centerline striping to be removed by planing or grinding, the waste material would not need to be handled as hazardous waste. SSP 84-9.03C requires a lead compliance plan even if lead is present at non-hazardous concentrations. Painted pavement materials that are removed and recycled without grinding or planing would not be required to be handled as hazardous waste.

7.2.9 TRANSFORMERS

Polychlorinated biphenyls (PCBs) were used as transformer oil in the United States until 1979 when manufacturing was banned due to concerns about the toxicity of PCBs. Although no longer

commercially produced domestically, PCBs may be present in products and materials, including electrical transformers, produced prior to 1979.

Pole-mounted transformers were observed both north and south of the bridge. Evidence of impact from leaking transformers was not observed during site reconnaissance. Identification and remediation of old transformers is the responsibility of the utility owner.

7.2.10 UNKNOWN HAZARDOUS CONDITIONS

In case unknown hazardous conditions are encountered during construction activities, the Caltrans Unknown Hazards Procedure provided in Appendix H should be followed.

7.3 SUMMARY OF FINDINGS

Review of available public records, historical aerial photographs, and historical topographic maps, and a site reconnaissance conducted on April 15, 2020, CAInc makes the following findings related to hazardous materials within or adjacent to the project site:

- The records search and review of aerial photographs and topographic maps did not identify potential impacts to the project site.
- Asbestos or ACCM were not identified on the bridge.
- Lead concentrations in soil are below the hazardous waste threshold. Soil may be reused at the site without restriction.
- Lead-based paint was identified on the bridge, but lead concentrations were below the hazardous waste threshold.
- Chemical applications on agricultural lands adjacent to the project site could have resulted in drift or overspray that affected site soils in areas that will be utilized for project construction and driveway reconstruction.
- A former utility pole stump was observed at the northeast corner of the bridge (likely chemically treated wood).
- There were no indications of NOA at the site.
- Lead and cadmium concentrations in traffic striping were below the hazardous threshold.
- Transformers were identified adjacent to the project site both north and south of the bridge. No indications of transformer failure were observed.

8 RECOMMENDATIONS

Based on the public records, historical aerial photographs, and historical topographic maps reviewed for this project, and the site reconnaissance performed on April 3, 2020, CAInc makes the following recommendations:

- Lead-based paint was identified on bridge the bridge. Demolition of materials containing lead-based paint will need to adhere to the requirements described in Section 7.2.2. A lead compliance plan that protects workers and the environment from lead exposure will need to be prepared prior to implementation of demolition and construction activities. Painted bridge components will need to be removed, transported, and recycled or disposed of in a manner consistent with the lead compliance plan and applicable State and Federal law.
- CAInc recommends testing site soils where disturbance will occur southwest of the project site and northeast of the bridge for the following classes of biocides: organochlorine pesticides (EPA Method 8081), chlorinated herbicides (EPA Method 8151) and organophosphorus pesticides (EPA Method 8141) to determine whether these chemicals

exist at concentrations that would present an exposure risk to construction workers. Testing should be performed prior to construction to include the most recent pesticide applications.

- The former utility pole located at the northeast corner of the bridge will need to be handled and disposed of as treated wood waste.

9 LIMITATIONS

This report summarizes the findings and opinions of CAInc, with regard to the potential for the presence of contamination/hazardous materials within the project area at concentrations likely to warrant mitigation under current statutes and guidelines. Findings and opinions within this report are based on information obtained on given dates, or provided by specified individuals, through record reviews, site review, and related activities. CAInc's information is only as good as the information provided by these sources. Site conditions may change after documented observations have been made. A warrant or guarantee cannot be made that hazardous materials do not exist at the site. To further help reduce risk, an extensive invasive exploration could be completed prior to project implementation.

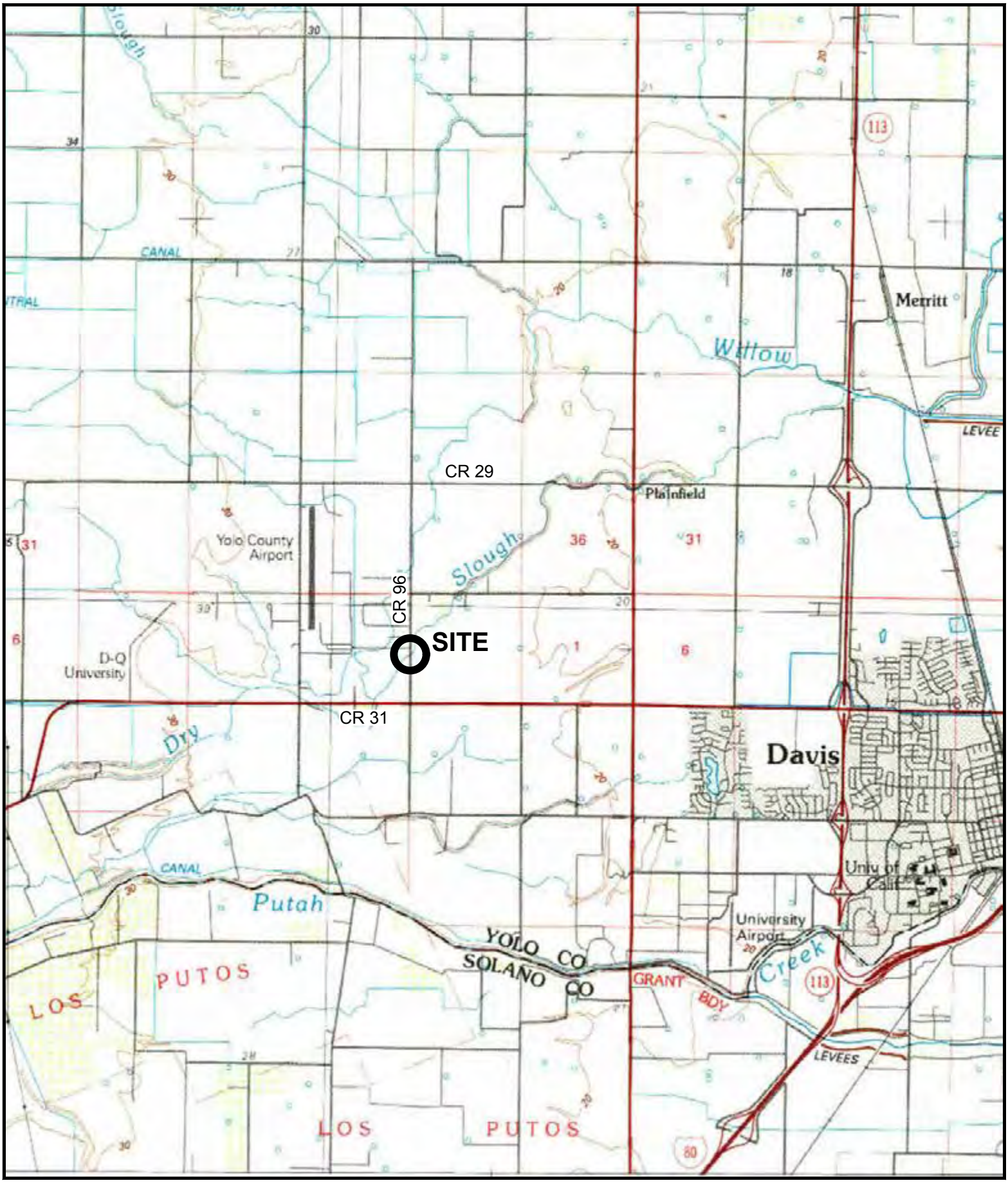
This report was prepared for the specific use of Mark Thomas and their agents for this project and applies only to the area identified as the project site. CAInc is not responsible for interpretations by others of data presented in this report. This report does not represent a legal opinion. No warranty is expressed or implied. Conclusions in this report are based on professional judgment and experience. Work for this assessment was performed in accordance with generally accepted standards of practice in northern California at the time of the assessment.

The scope of this investigation did not include determining the presence of radon. Identifying endangered species, geologic hazards, archeological sites, or ecologically sensitive areas are also beyond the scope of this report.

The governmental records summary within this report is derived from public records, which are updated on a continual basis. For this reason, it is not advisable to use this information to base a decision after 180 days of the issue date of this report. Conditions at the site can and will change over time. Please contact CAInc to revise this report to reflect new information.

APPENDIX A

Figure 1. Vicinity Map
Figure 2. Sample Location Map
Figure 3. Geology Map
Figure 4. Fault Map



North

Source: Sacramento, California. 19994 Edition. 1:100,000. USGS, 1994.

Crawford & Associates Inc
Geotechnical Engineering, Design and Construction Services
Taber
1100 Corporate Way
Suite 230
Sacramento, CA 95831
(916) 455-4225

CR 96 OVER DRY SLOUGH

YOLO COUNTY, CA

Figure 1
Vicinity Map

Proj. No:	18-474.2
Scale:	1"=6,000'
Date:	2/20/19

North

Source:
Basemap: AutoCAD Civil3D Geolocation tool, using Bing Maps

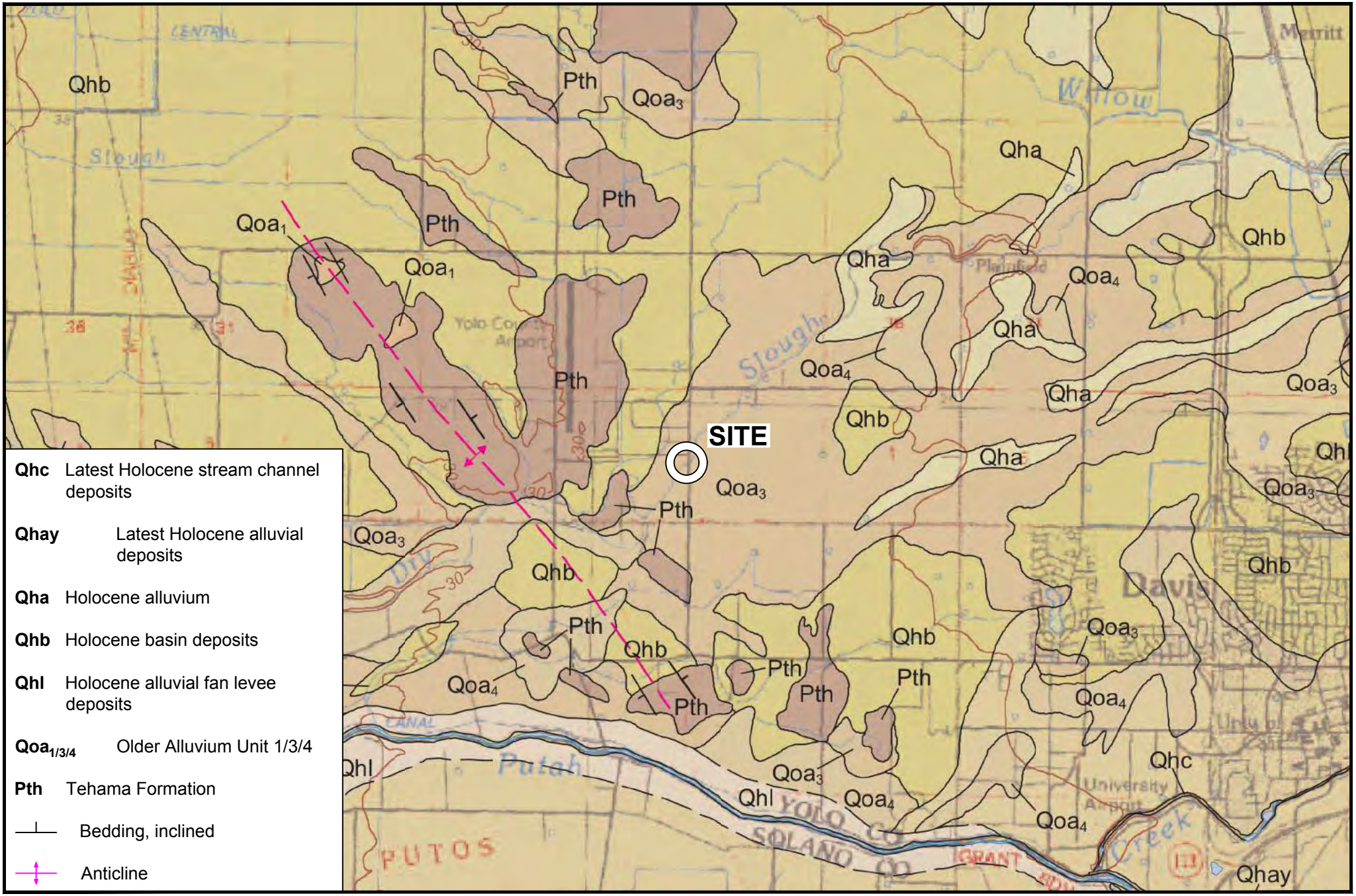
Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
Taber
Since 1954
1100 Corporate Way
Suite 230
Sacramento, CA 95831
(916) 455-4225

CR 96 OVER DRY SLOUGH

YOLO COUNTY, CA

Figure 2
Sample Location Map

Proj. No:	18-474.2
Scale:	1"=50'
Date:	7/10/20



North

Source: Carlos I. Gutierrez. Preliminary Geologic Map of the Sacramento 30' x 60' Quadrangle, California. 1:100,000. California: California Geologic Survey, 2011.

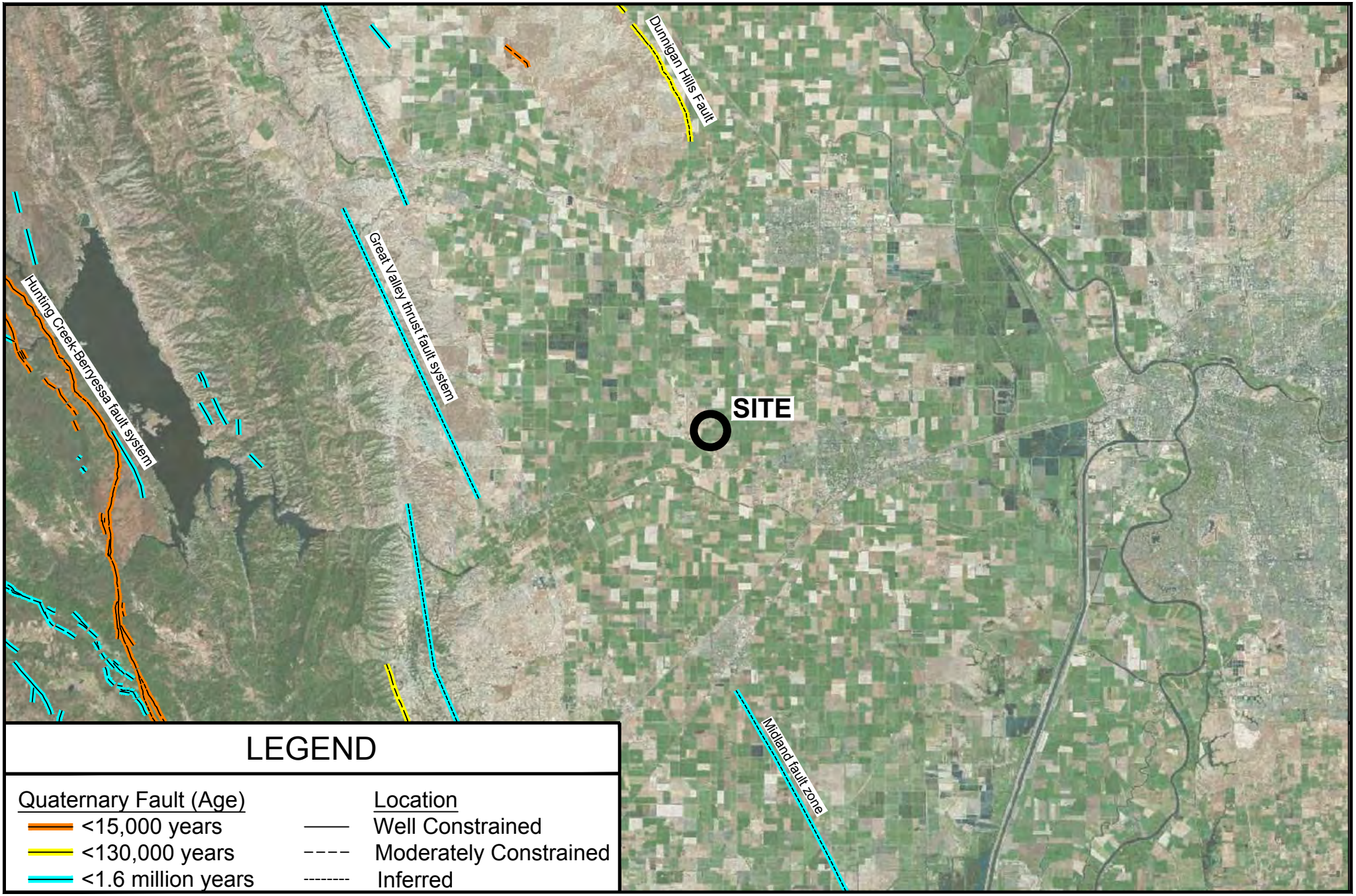
Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
Taber Since 1954
1100 Corporate Way
Suite 230
Sacramento, CA 95831
(916) 455-4225

CR 96 OVER DRY SLOUGH

YOLO COUNTY, CA

Figure 3
Geology Map

Proj. No:	18-474.2
Scale:	1"=5,000'
Date:	9/11/19



North

Sources:
Bassemap: AutoCAD Civil3D Geolocation tool, using Bing Maps

Faut data: USGS GIS data

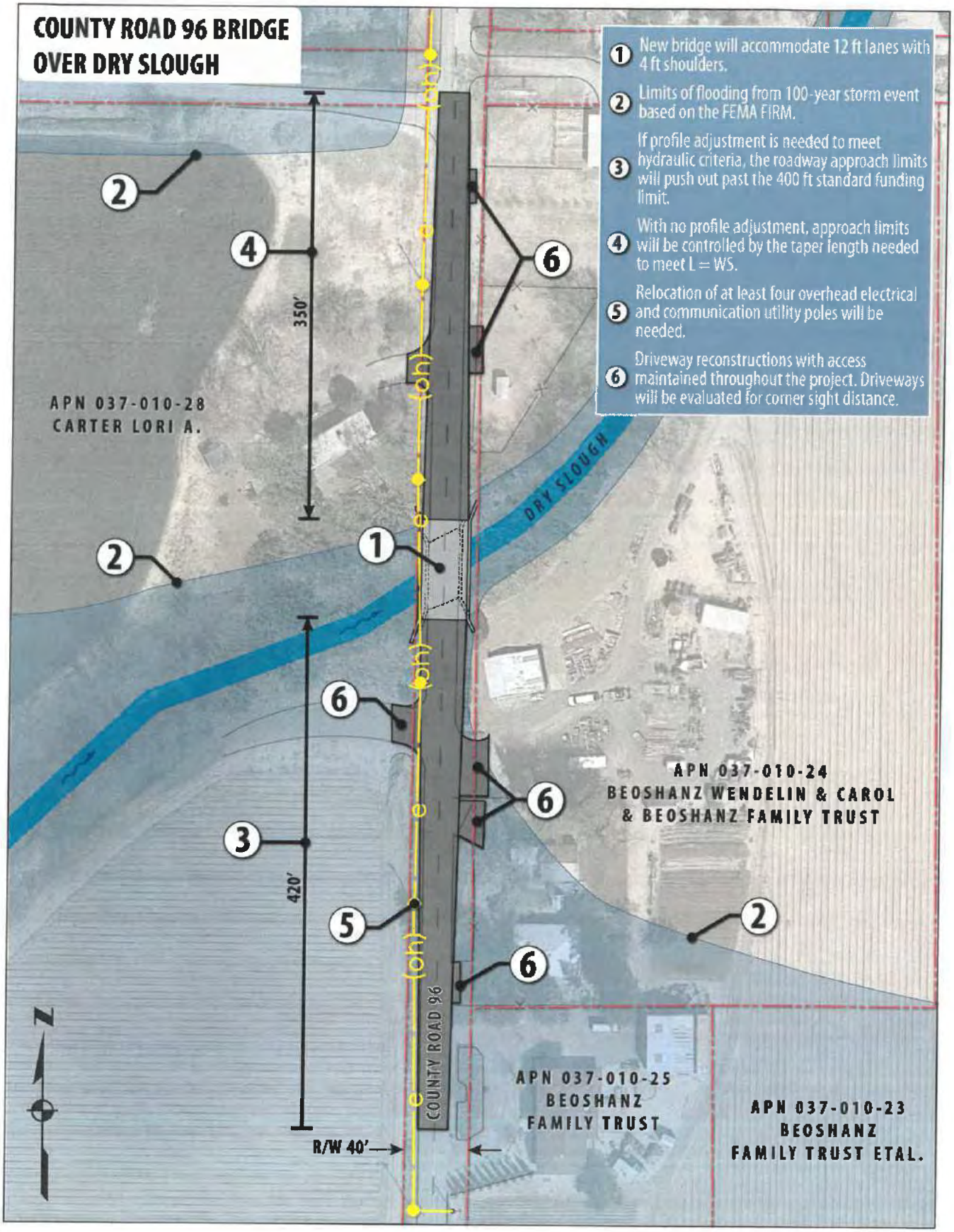
Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
Taber Since 1954
1100 Corporate Way
Suite 230
Sacramento, CA 95831
(916) 455-4225

CR 96 OVER DRY SLOUGH

YOLO COUNTY, CA

Figure 4
Fault Activity Map

Proj. No:	18-474.2
Scale:	1"=25,000'
Date:	2/20/19


COUNTY ROAD 96 BRIDGE OVER DRY SLOUGH
1 New bridge will accommodate 12 ft lanes with 4 ft shoulders.
2 Limits of flooding from 100-year storm event based on the FEMA FIRM.
3 If profile adjustment is needed to meet hydraulic criteria, the roadway approach limits will push out past the 400 ft standard funding limit.
4 With no profile adjustment, approach limits will be controlled by the taper length needed to meet L = WS.
5 Relocation of at least four overhead electrical and communication utility poles will be needed.
6 Driveway reconstructions with access maintained throughout the project. Driveways will be evaluated for corner sight distance.
APN 037-010-28
CARTER LORI A.
350'
420'
DRY SLOUGH
(oh)
COUNTY ROAD 96
R/W 40'
APN 037-010-24
BEOSHANZ WENDELIN & CAROL
& BEOSHANZ FAMILY TRUST
APN 037-010-25
BEOSHANZ
FAMILY TRUST
APN 037-010-23
BEOSHANZ
FAMILY TRUST ETAL.
N

APPENDIX B

GeoSearch Historical Aerial Photographs

Order Number: 144395
Date: April 3, 2020

Historical Aerial Photographs

NEW: *GeoLens by Geosearch*

Target Property:

CR 96 over Dry Slough

Yolo County, California

Prepared For:

Crawford & Associates

Order #: 144395
Job #: 346838
Project #: 18-474.2
Date: 4/3/2020

Target Property Summary

CR 96 over Dry Slough

Yolo County , California

USGS Quadrangle: ***Merritt***
Target Property Geometry: ***Area***

Target Property Longitude(s)/Latitude(s):
(-121.840489000, 38.566706000), (-121.840209000, 38.566704000), (-121.840148000, 38.568899000), (-121.840479000, 38.568886000)

Aerial Research Summary

Date	Source	Scale	Frame
2016	USDA	1" = 500'	N/A
2014	USDA	1" = 500'	N/A
2012	USDA	1" = 500'	N/A
2010	USDA	1" = 500'	N/A
2009	USDA	1" = 500'	N/A
2006	USDA	1" = 500'	N/A
2005	USDA	1" = 500'	N/A
2004	USDA	1" = 500'	N/A
2003	USDA	1" = 500'	N/A
06/12/1993	USGS	1" = 500'	N/A
06/08/1984	USGS	1" = 500'	127-15
07/11/1974	USGS	1" = 500'	11-47
05/28/1968	USGS	1" = 500'	6-89
06/18/1964	ASCS	1" = 1320'	PI-6
08/01/1957	ASCS	1" = 500'	47-6
08/03/1954	AMS	1" = 500'	1979
08/28/1937	ASCS	1" = 500'	61-82

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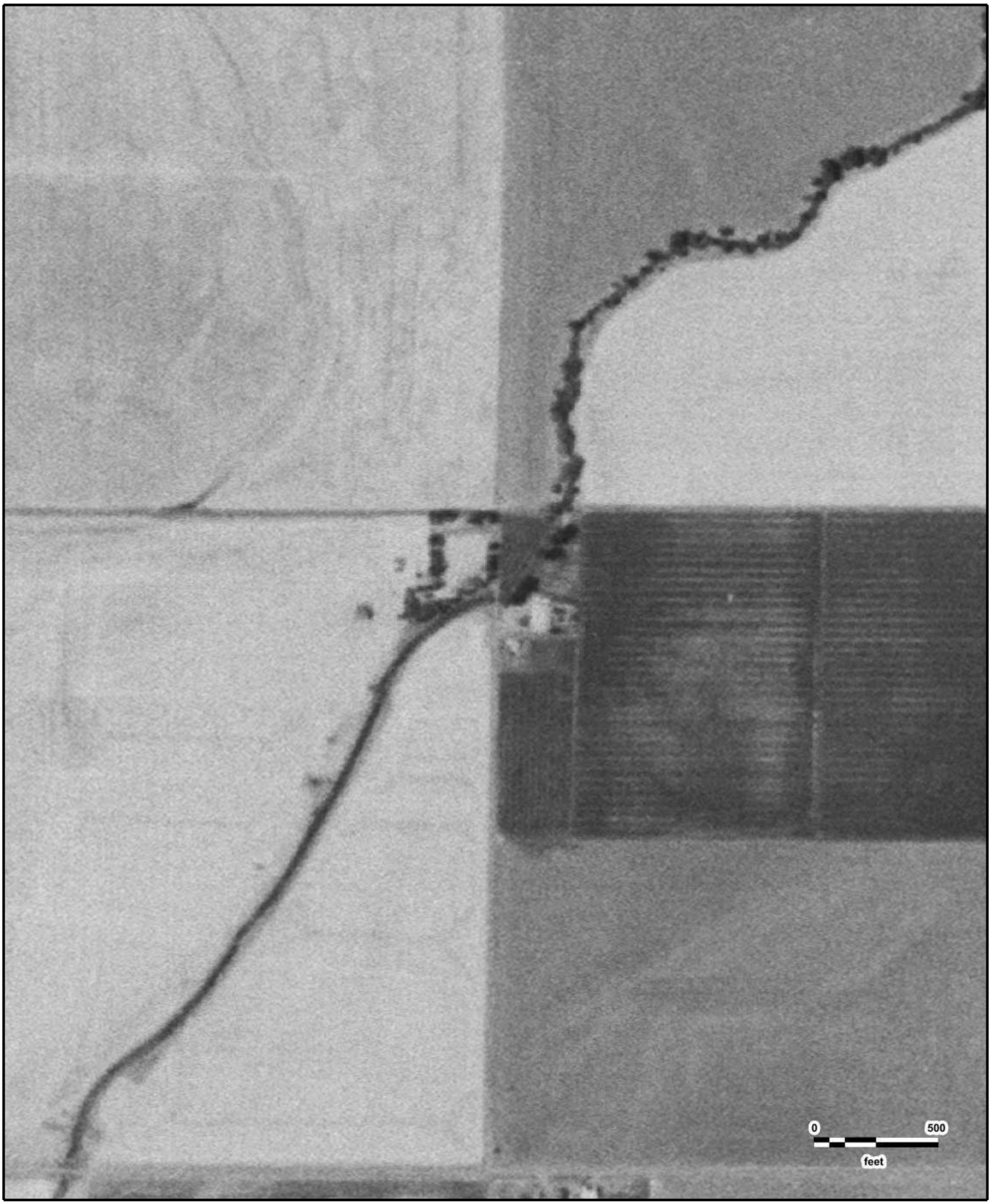
N
W E
S

CR 96 over Dry Slough
ASCS
08/28/1937

GeoSearch

JOB #: 346838 - 04/03/2020



N
W E
S

CR 96 over Dry Slough
AMS
08/03/1954

GeoSearch

JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
ASCS
08/01/1957

GeoSearch

JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
ASCS
06/18/1964

GeoSearch

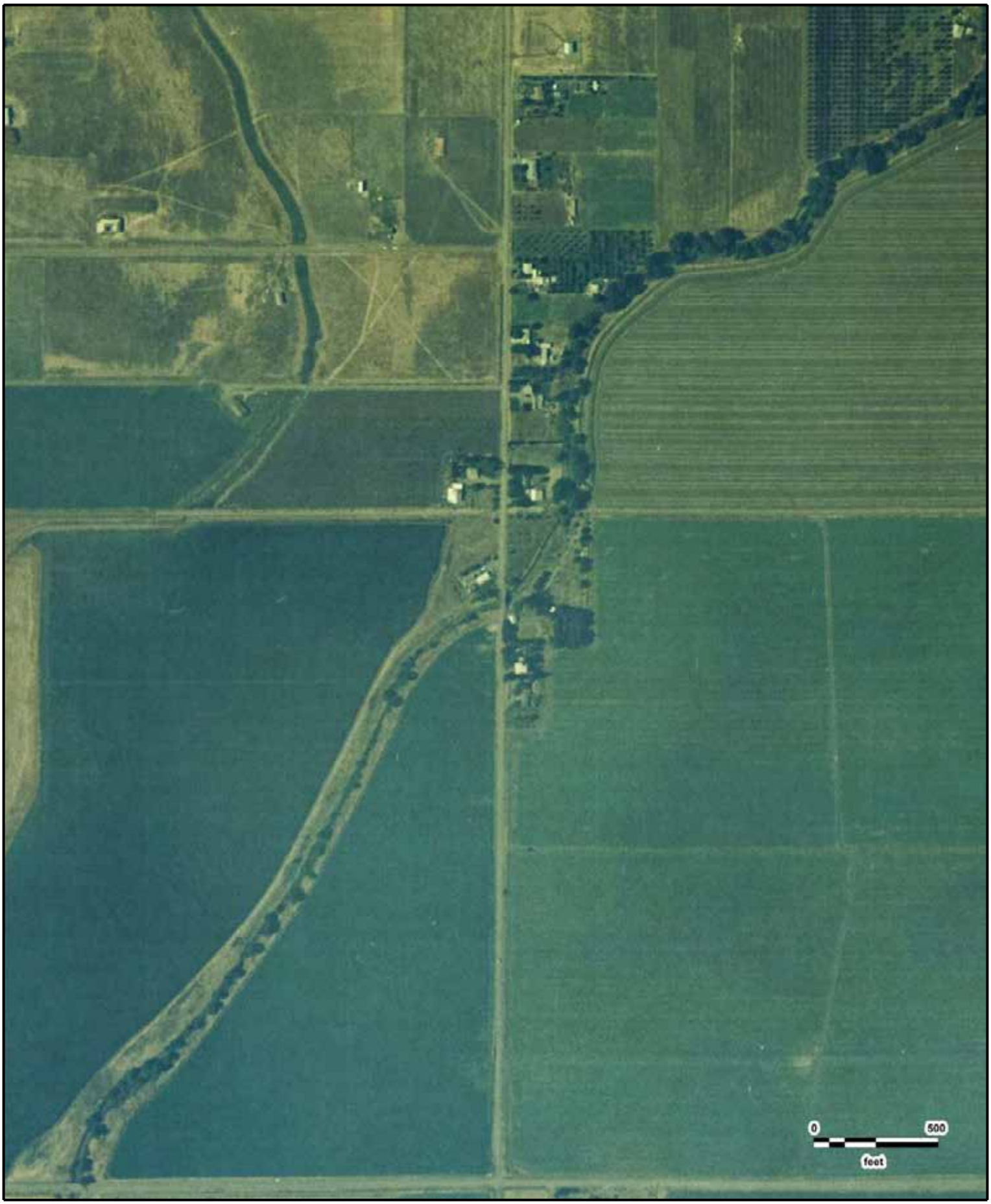
JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USGS
05/28/1968

GeoSearch

JOB #: 346838 - 04/03/2020



N
W E
S

CR 96 over Dry Slough
USGS
07/11/1974

GeoSearch

JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USGS
06/08/1984

GeoSearch

JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USGS
06/12/1993

GeoSearch

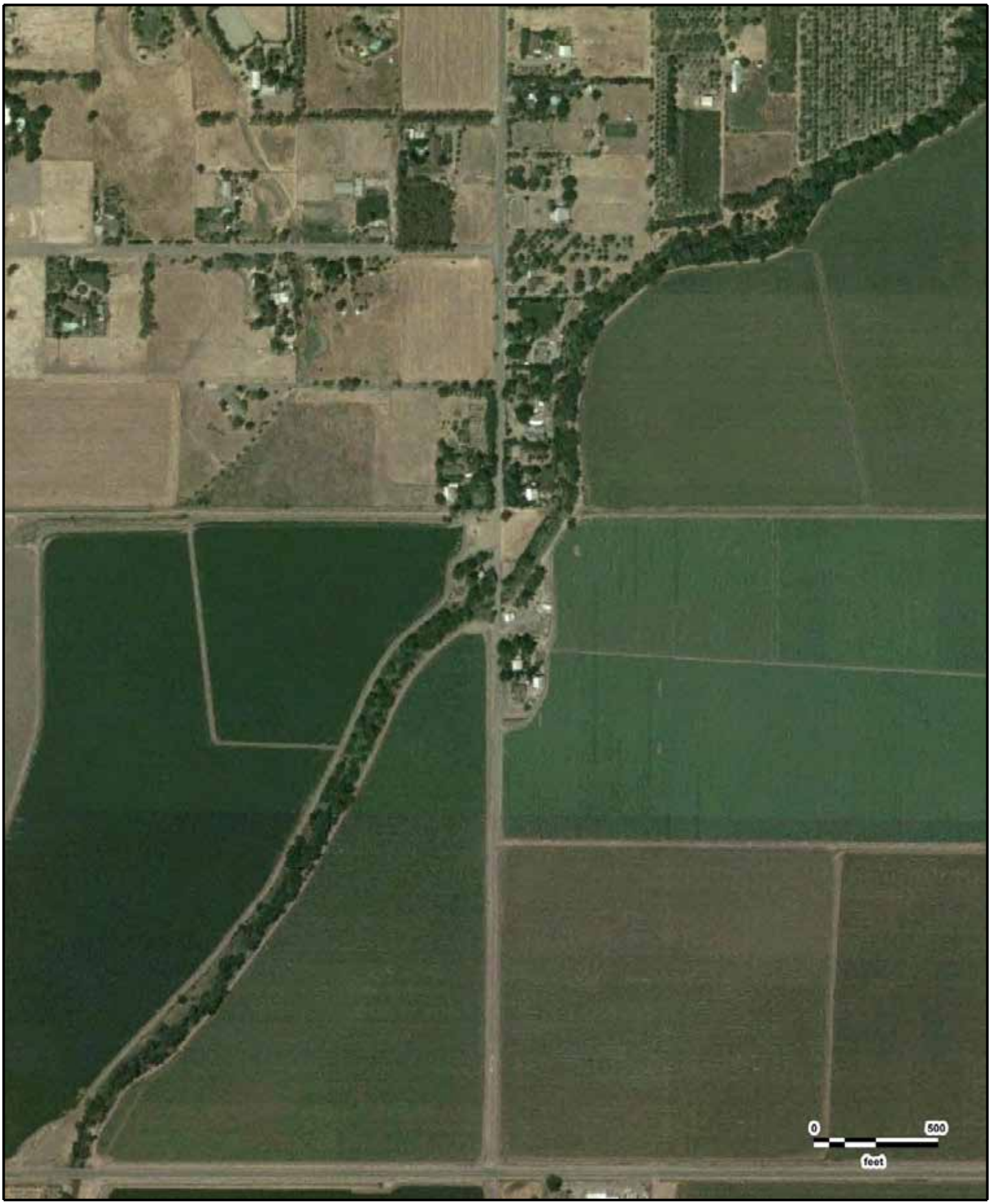
JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USDA
2003

GeoSearch

JOB #: 346838 - 04/03/2020



N
W E
S

CR 96 over Dry Slough
USDA
2004

GeoSearch

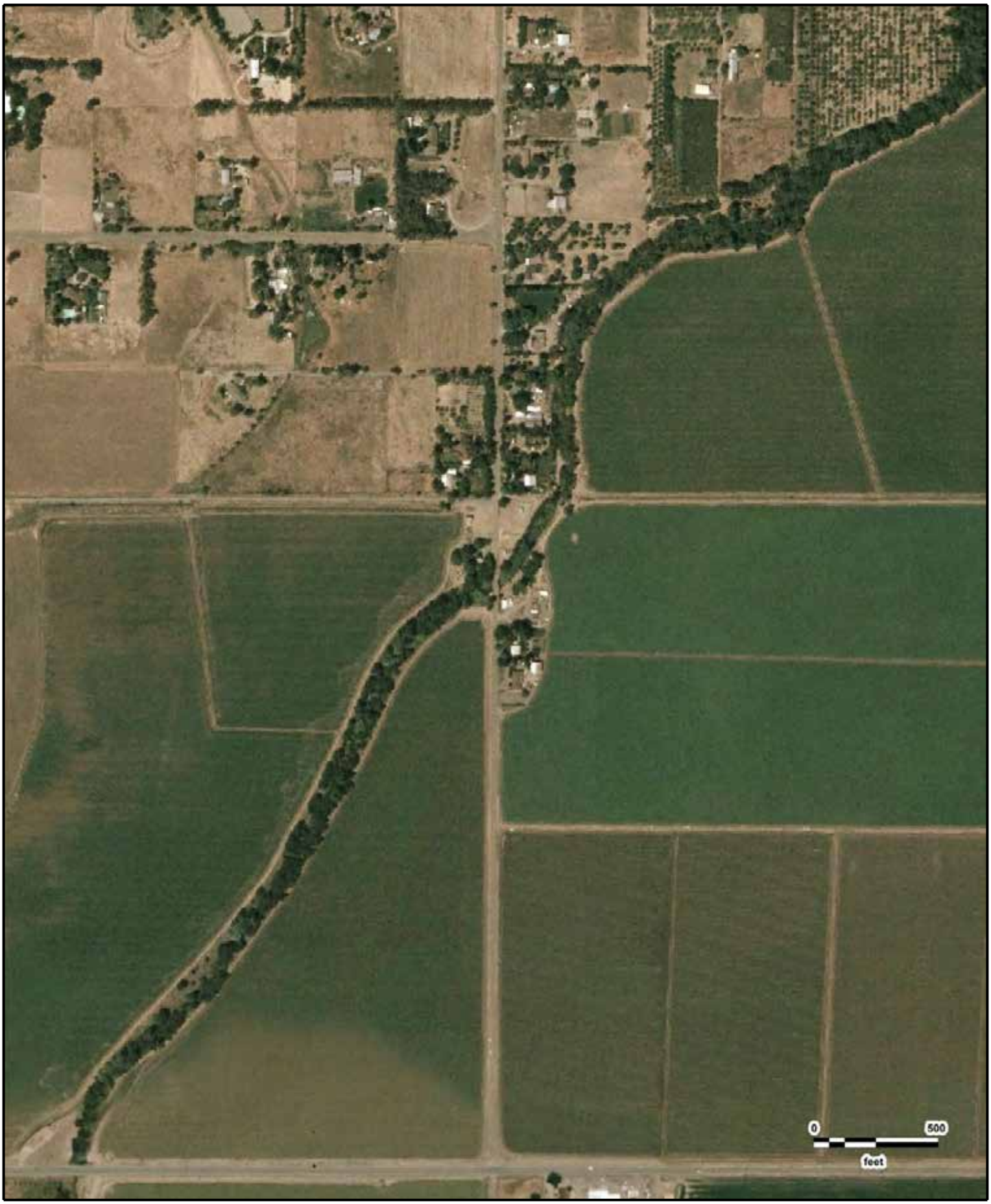
JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USDA
2005

GeoSearch

JOB #: 346838 - 04/03/2020



N
W E
S

CR 96 over Dry Slough
USDA
2006

GeoSearch

JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USDA
2009

GeoSearch

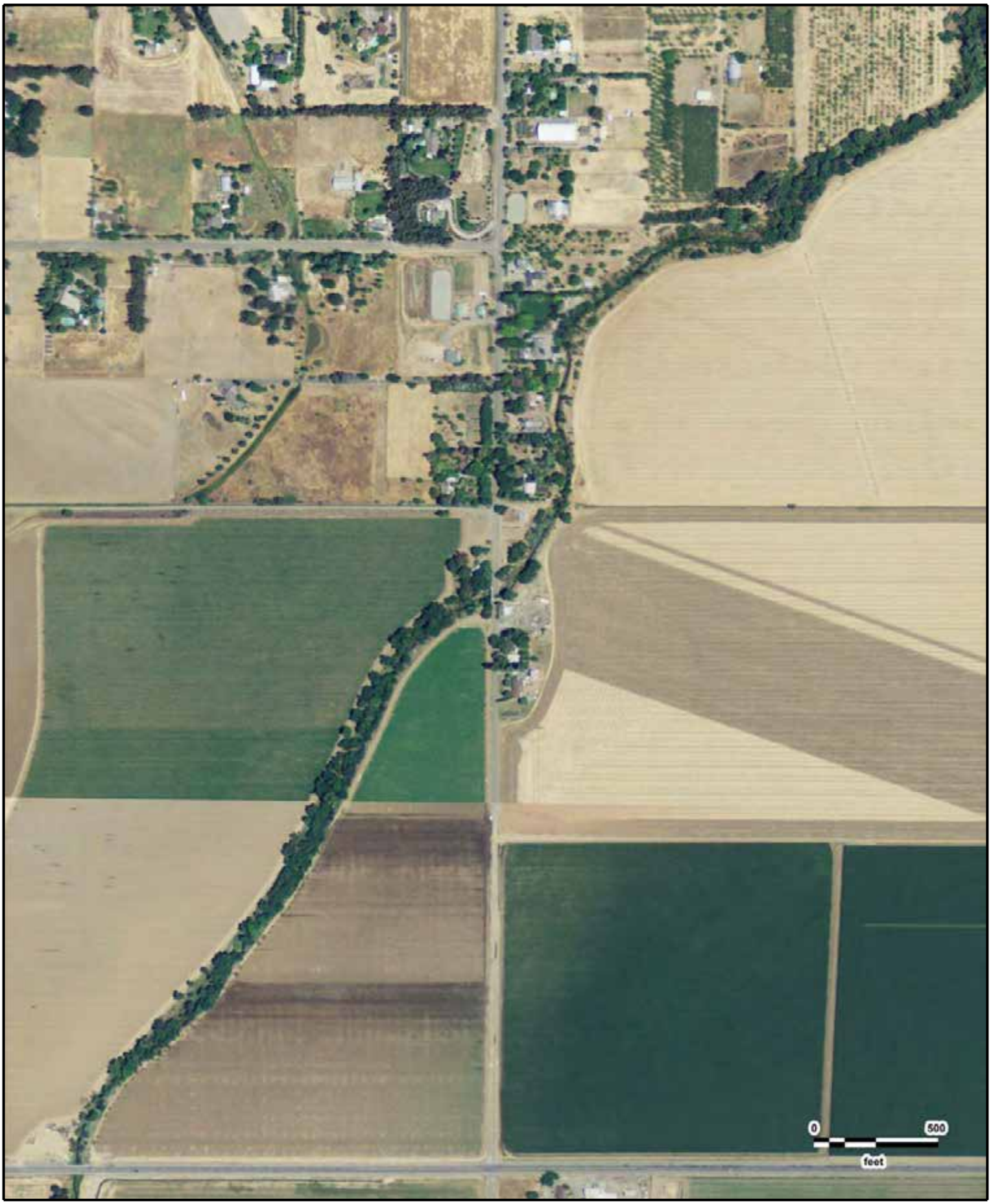
JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USDA
2010

GeoSearch

JOB #: 346838 - 04/03/2020



N
W E
S

CR 96 over Dry Slough
USDA
2012

GeoSearch

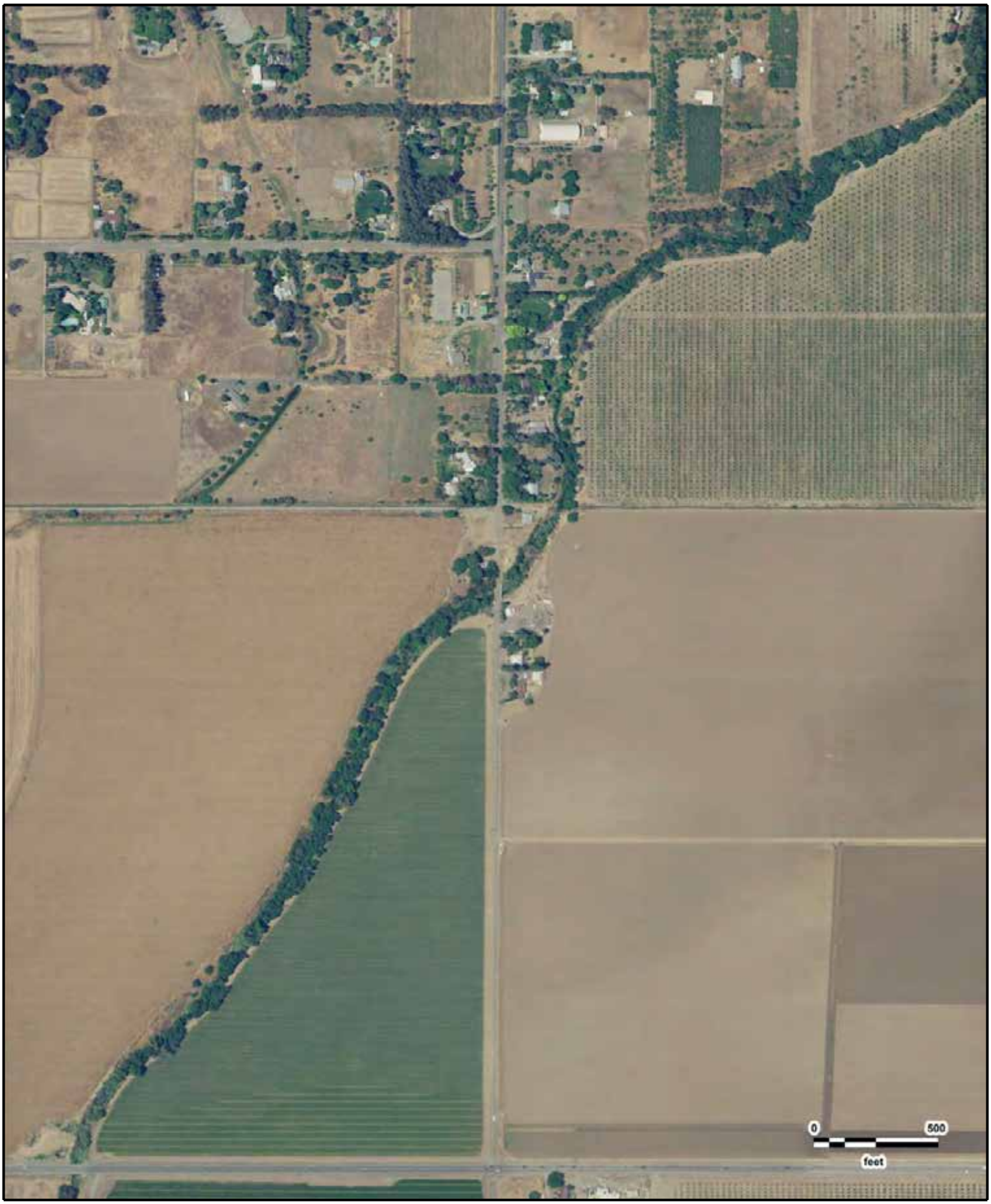
JOB #: 346838 - 04/03/2020

N
W E
S

CR 96 over Dry Slough
USDA
2014

GeoSearch

JOB #: 346838 - 04/03/2020



N
W E
S

CR 96 over Dry Slough
USDA
2016

GeoSearch

JOB #: 346838 - 04/03/2020

APPENDIX C

GeoSearch Historical Topographic Maps

Order Number: 144395
Date: April 2, 2020

Historical Topographic Maps

NEW: *GeoLens by Geosearch*

Target Property:

CR 96 over Dry Slough

Yolo County, California

Prepared For:

Crawford & Associates

Order #: 144395
Job #: 346837
Project #: 18-474.2
Date: 4/2/2020

Target Property Summary

CR 96 over Dry Slough

Yolo County, California

USGS Quadrangle: ***Merritt***
Target Property Geometry: ***Area***

Target Property Longitude(s)/Latitude(s):
(-121.840489000, 38.566706000), (-121.840209000, 38.566704000), (-121.840148000, 38.568899000), (-121.840479000, 38.568886000)

Topographic Map Summary

Date	Quadrangle	Scale
2012	MERRITT, CA	1" = 2000'
1992	MERRITT, CA	1" = 2000'
1952 PHOTOREVISED 1981	MERRITT, CA	1" = 2000'
1952 PHOTOREVISED 1975	MERRITT, CA	1" = 2000'
1952 PHOTOREVISED 1968	MERRITT, CA	1" = 2000'
1953	WOODLAND, CA	1" = 5208'
1952	MERRITT, CA	1" = 2000'
1941	WOODLAND, CA	1" = 5208'
1915	MERRITT, CA	1" = 2640'
1907	WOODLAND, CA	1" = 5208'

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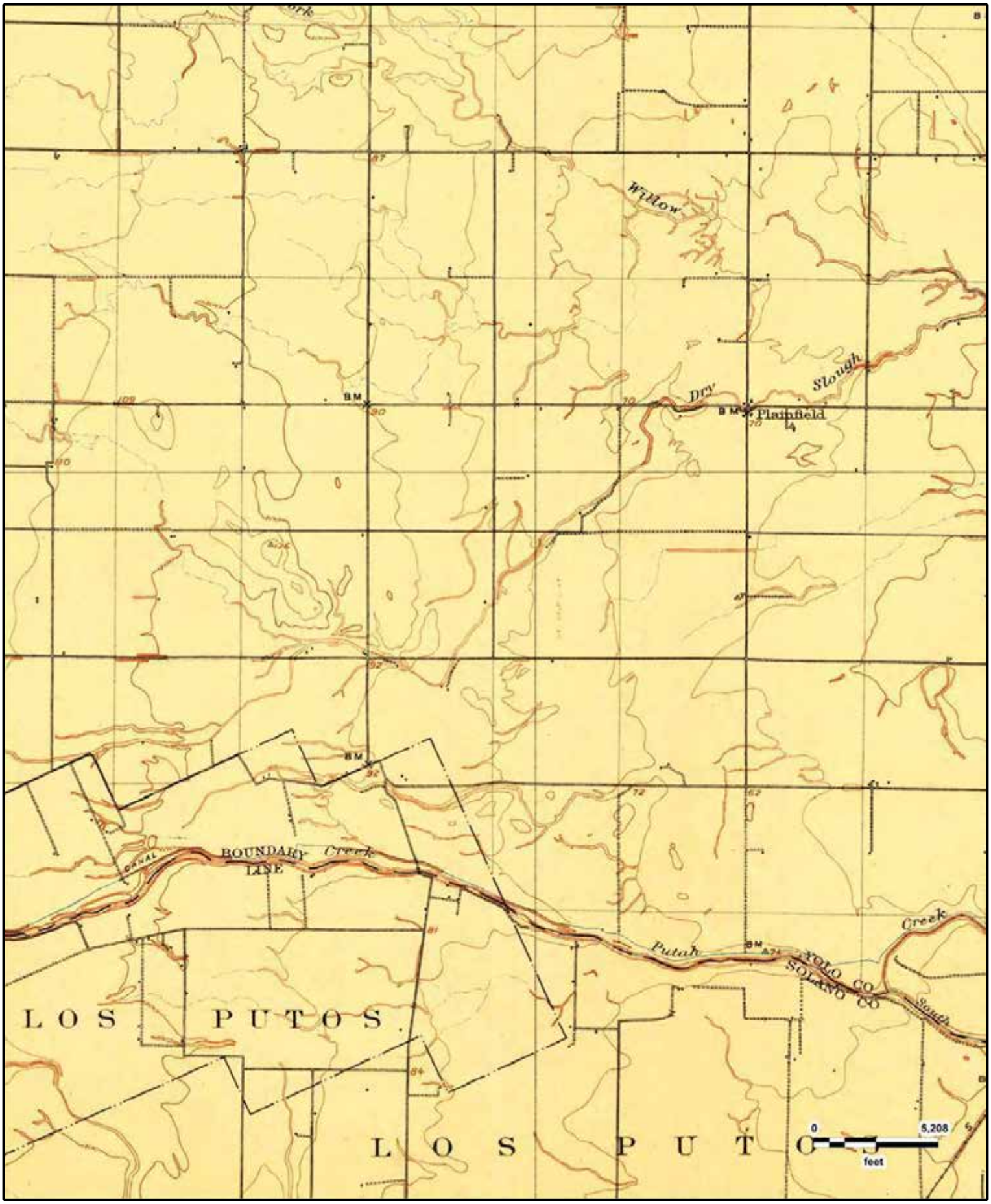
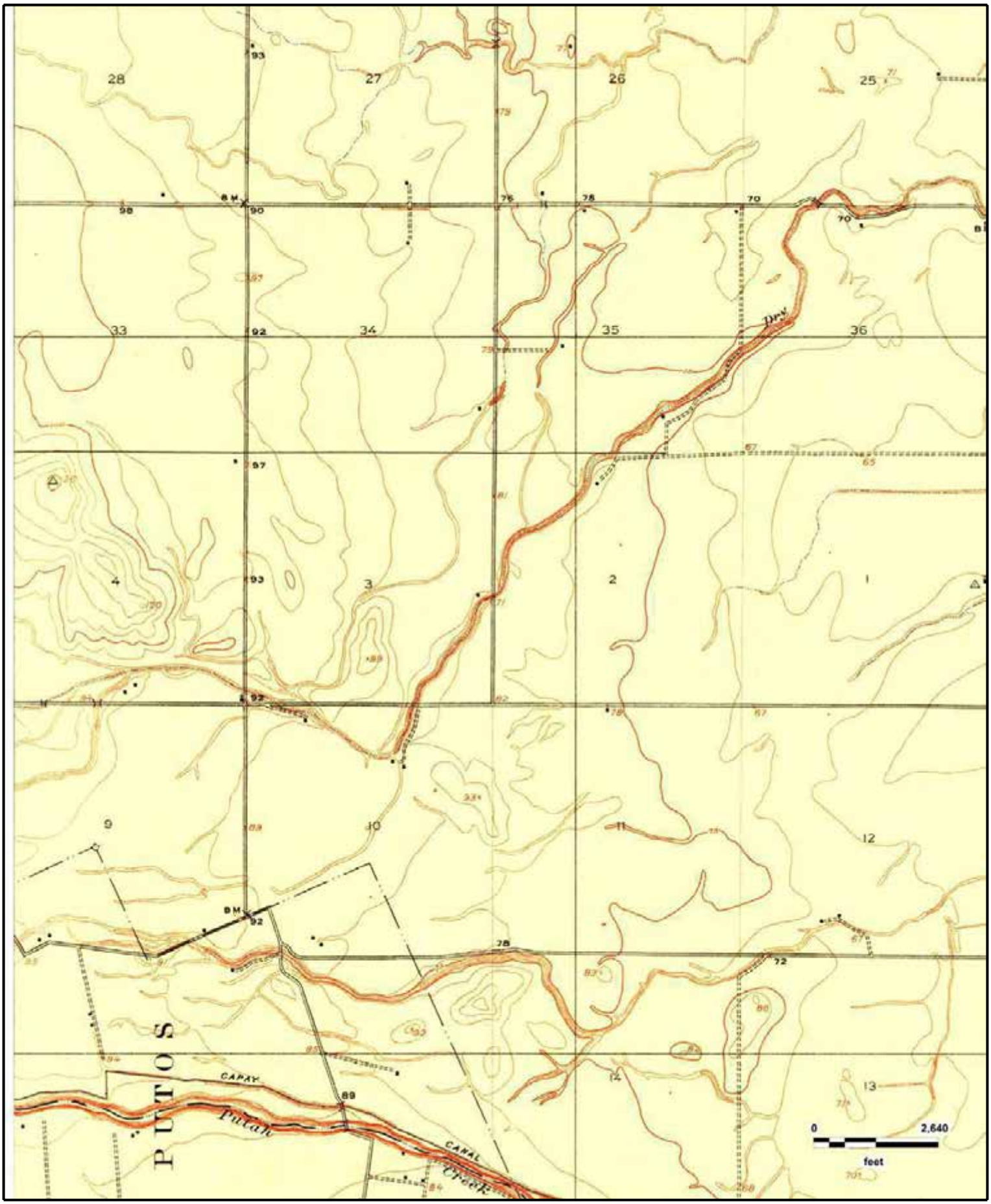


N
W E
S

CR 96 over Dry Slough
WOODLAND, CA (1907)

GeoSearch

JOB #: 346837 - 04/02/2020

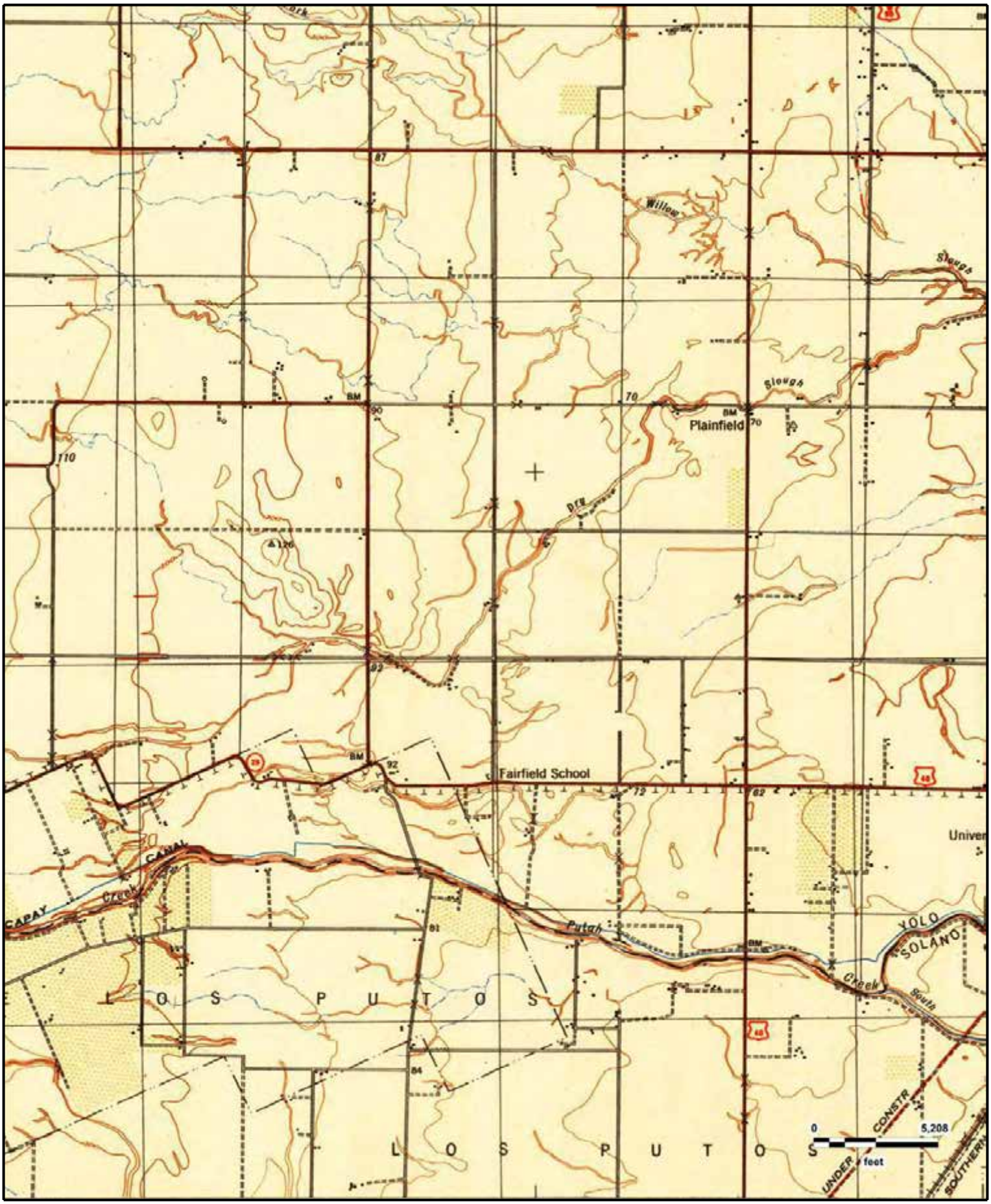


N
W E
S

CR 96 over Dry Slough
MERRITT, CA (1915)

GeoSearch

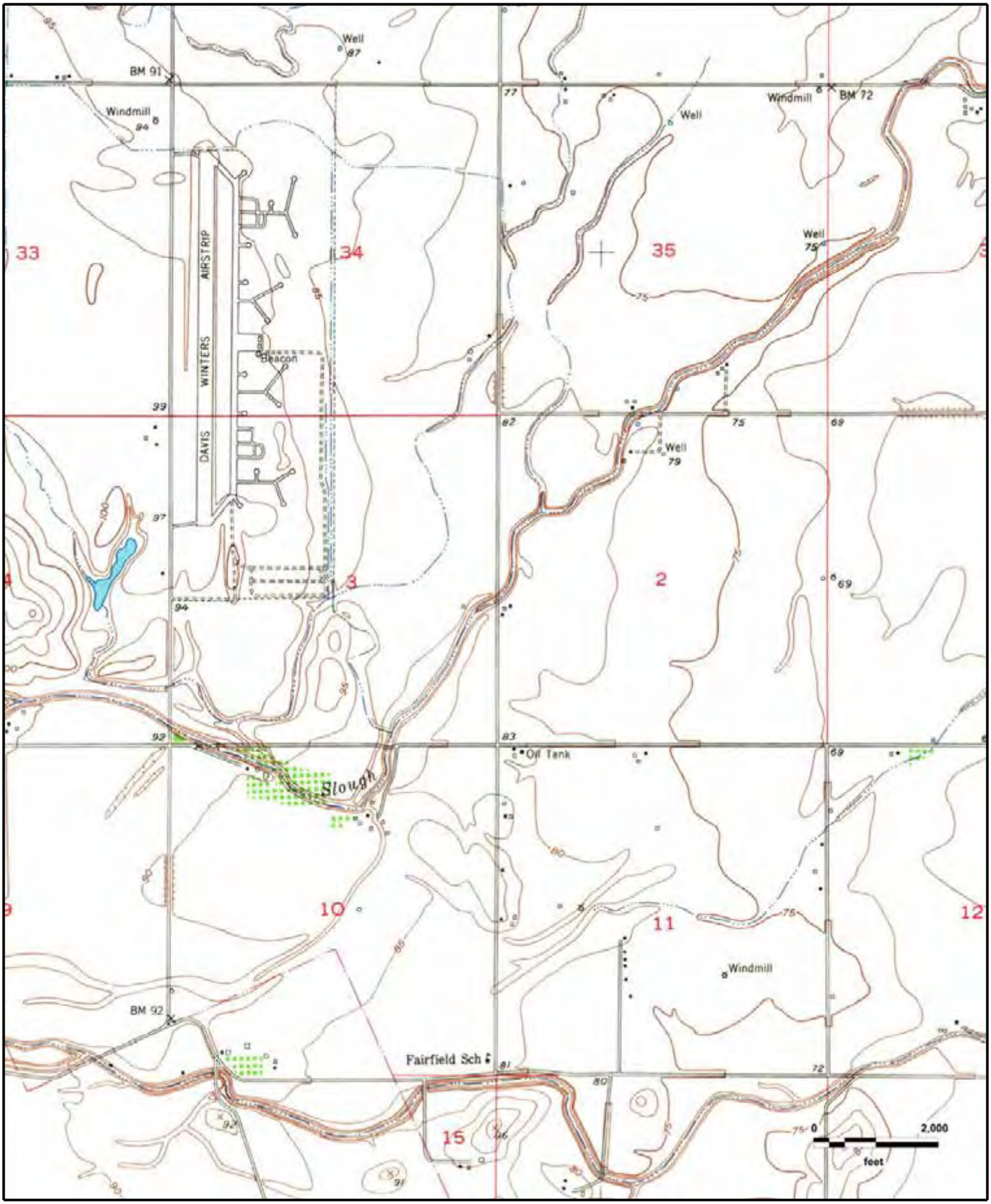
JOB #: 346837 - 04/02/2020



CR 96 over Dry Slough
WOODLAND, CA (1941)

GeoSearch

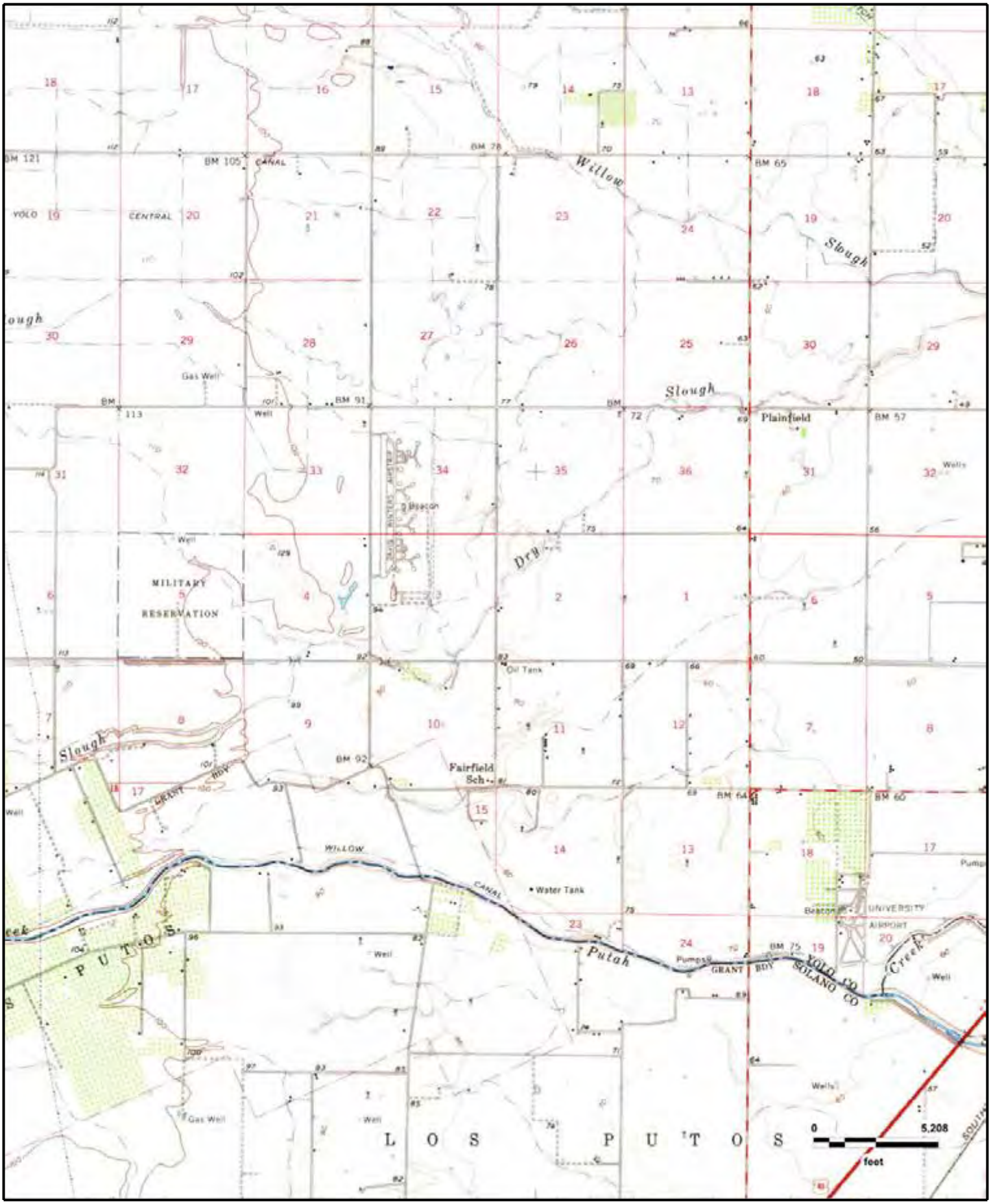
JOB #: 346837 - 04/02/2020



CR 96 over Dry Slough
MERRITT, CA (1952)

GeoSearch

JOB #: 346837 - 04/02/2020

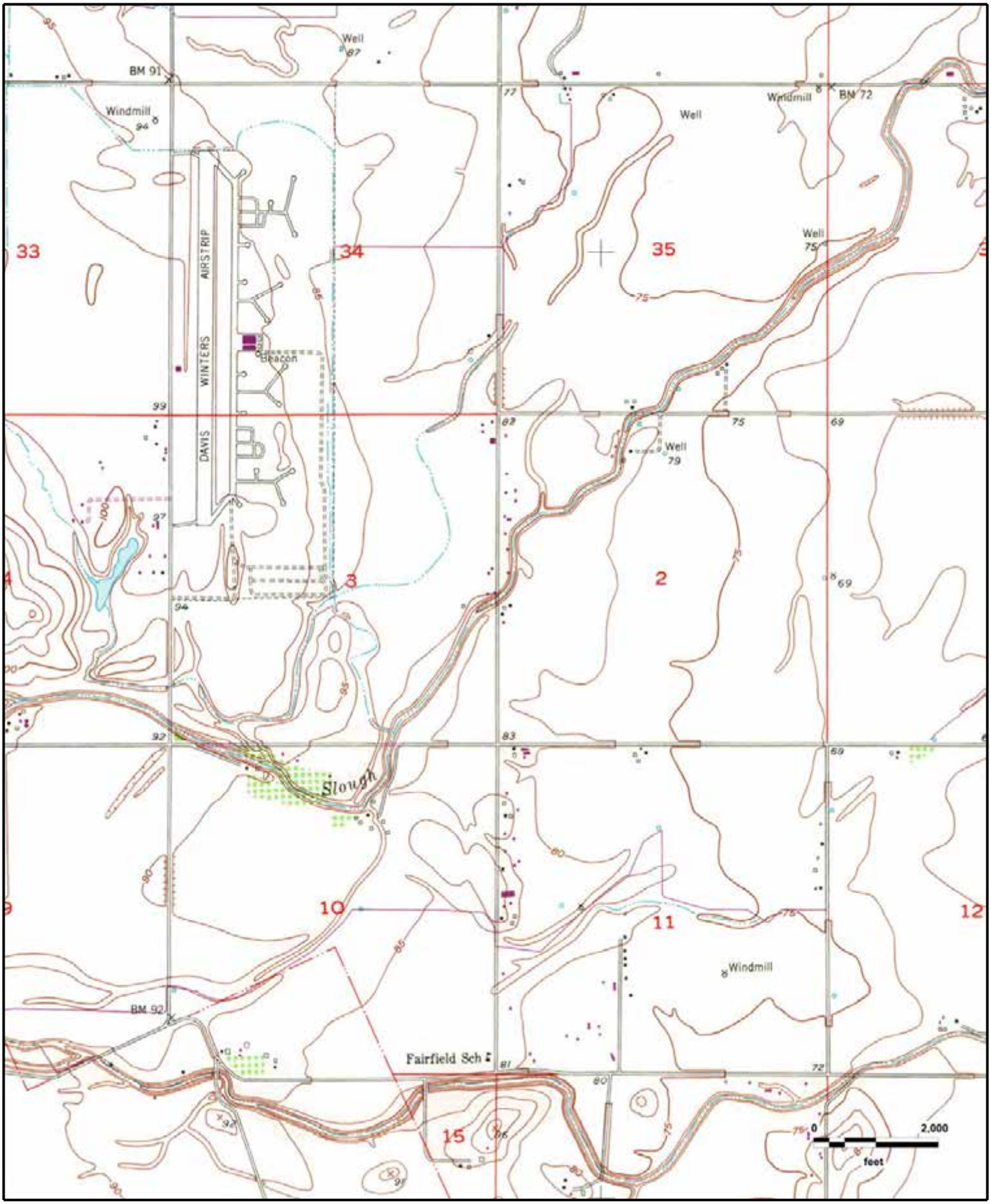


N
W E
S

CR 96 over Dry Slough
WOODLAND, CA (1953)

GeoSearch

JOB #: 346837 - 04/02/2020

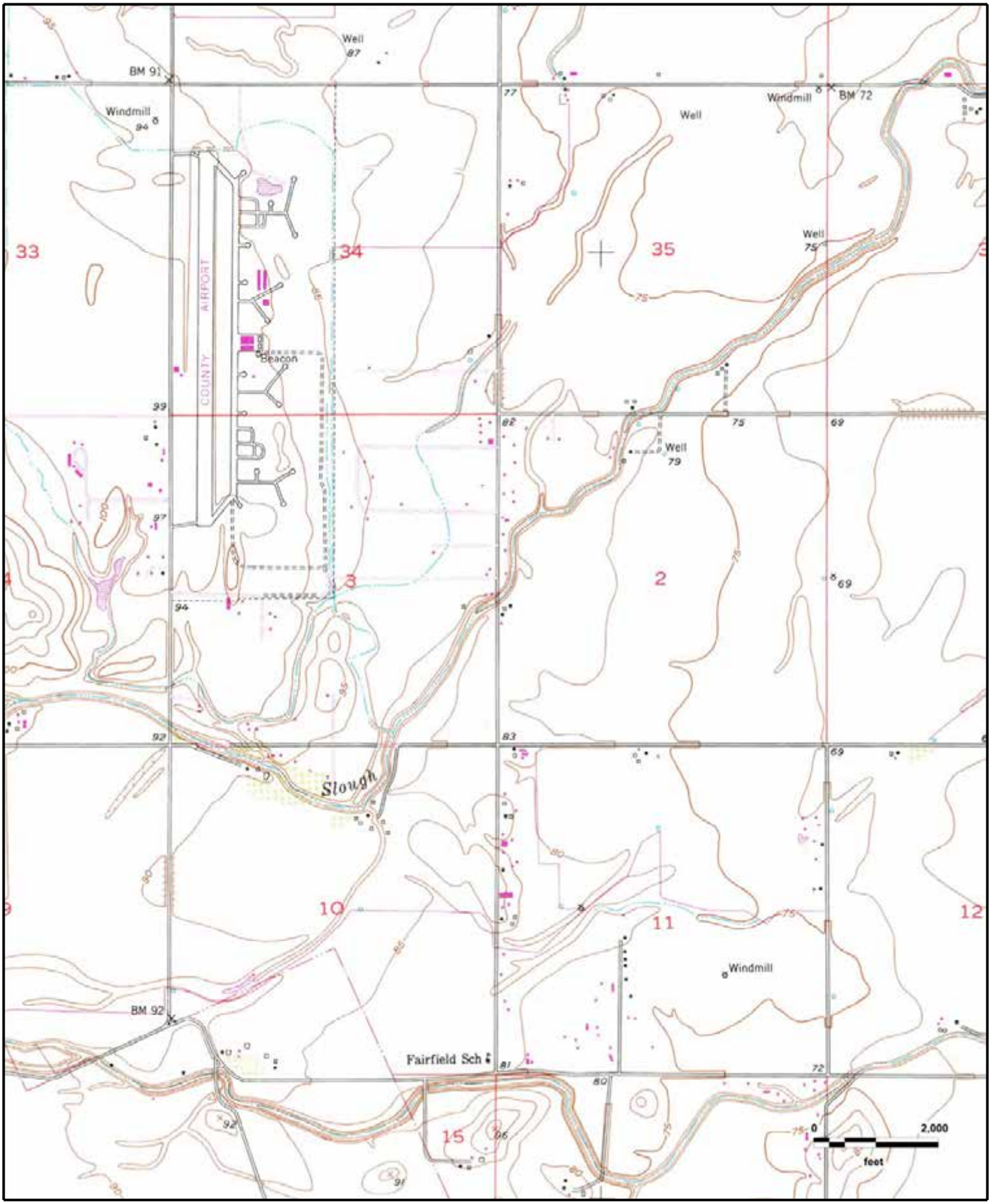


N
W E
S

CR 96 over Dry Slough
MERRITT, CA (1968)

GeoSearch

JOB #: 346837 - 04/02/2020

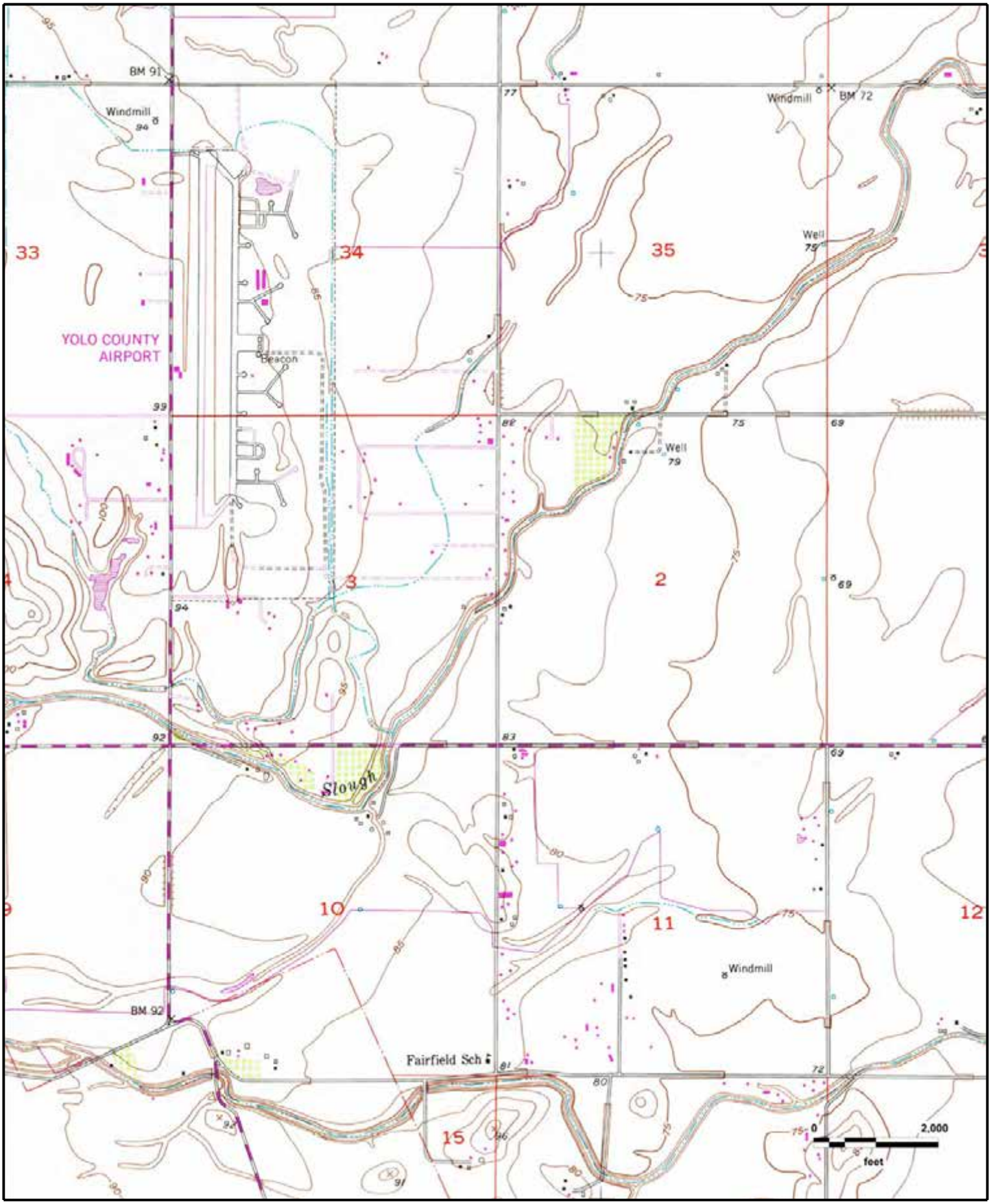


N
W E
S

CR 96 over Dry Slough
MERRITT, CA (1975)

GeoSearch

JOB #: 346837 - 04/02/2020

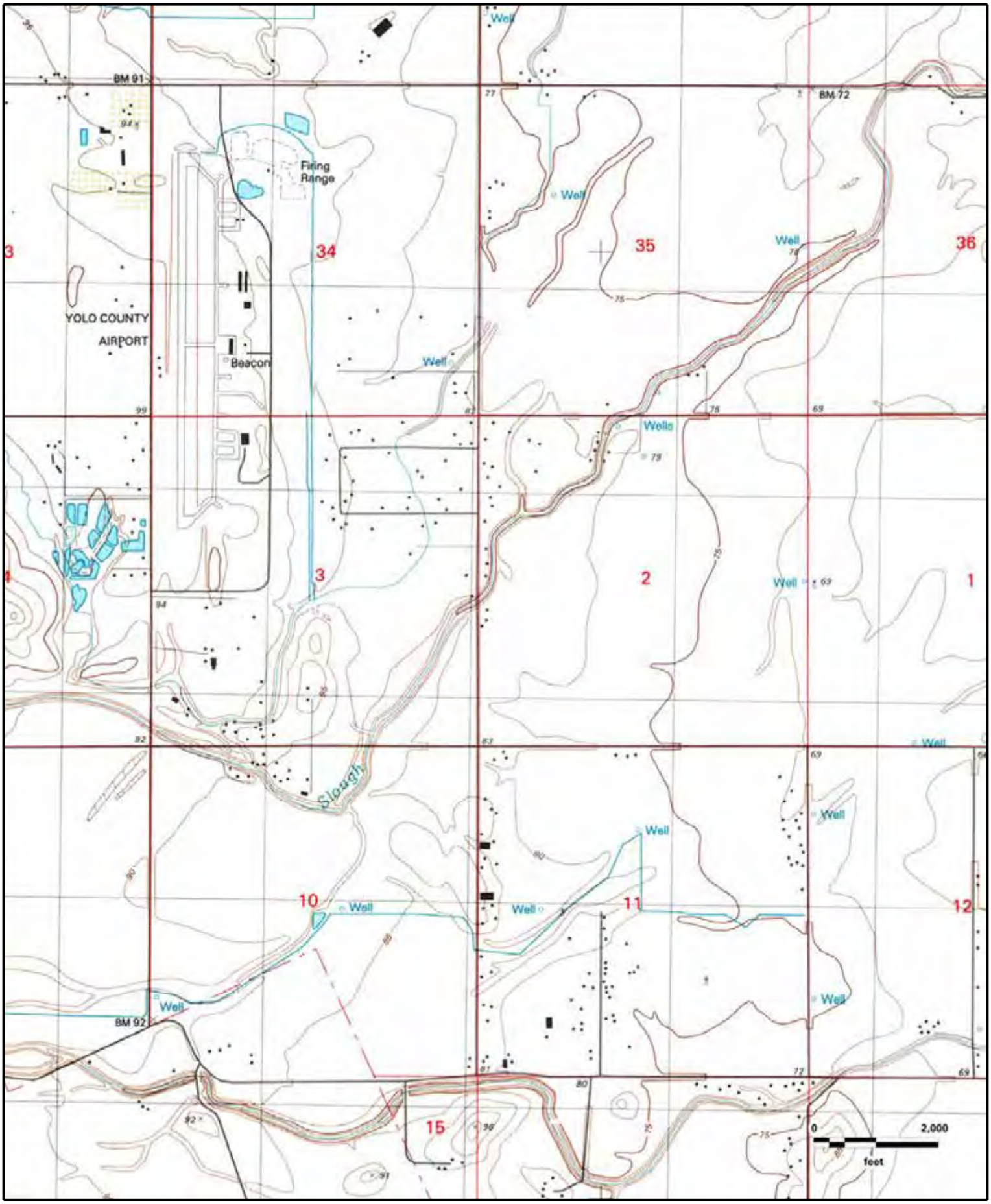


N
W E
S

CR 96 over Dry Slough
MERRITT, CA (1981)

GeoSearch

JOB #: 346837 - 04/02/2020

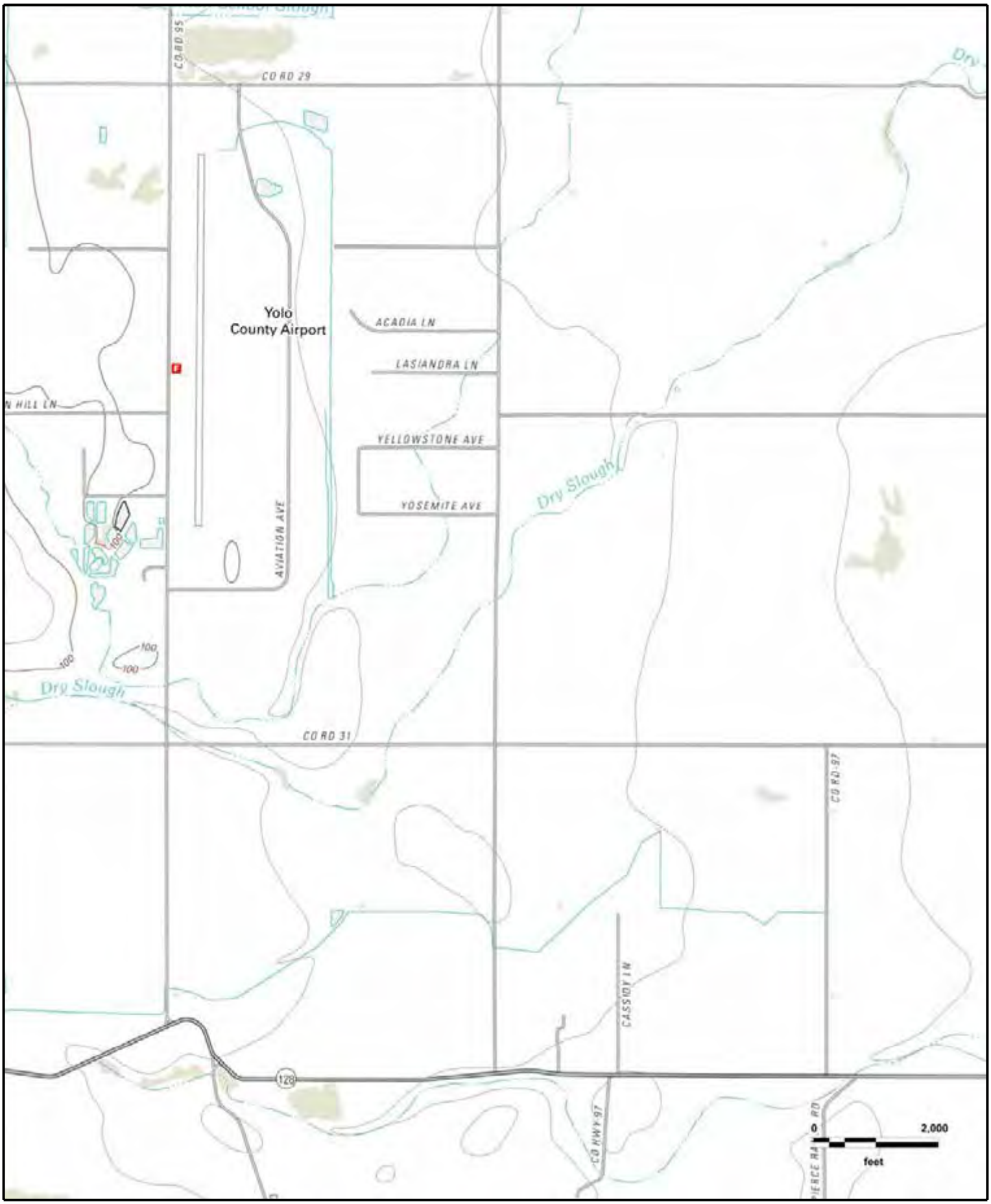


N
W E
S

CR 96 over Dry Slough
MERRITT, CA (1992)

GeoSearch

JOB #: 346837 - 04/02/2020



N
W E
S

CR 96 over Dry Slough
MERRITT, CA (2012)

GeoSearch

JOB #: 346837 - 04/02/2020

APPENDIX D

GeoSearch Radius Report

Order Number: 144395
Date: April 2, 2020

Radius Report

GeoLens by GeoSearch

Target Property:

CR 96 over Dry Slough
Yolo County, California

Prepared For:

Crawford & Associates

Order #: 144395
Job #: 346836
Project #: 18-474.2
Date: 04/02/2020

Table of Contents

Target Property Summary 1

Database Summary 2

Database Radius Summary 8

Radius Map 14

Ortho Map 16

Topographic Map 17

Located Sites Summary 18

Site Summary By Database 19

Unlocated Sites Summary 40

Environmental Records Definitions 41

Unlocatable Report . . . . . See Attachment

Zip Report . . . . . See Attachment

Disclaimer

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Target Property Summary

Target Property Information

CR 96 over Dry Slough
Yolo County, California

Coordinates
Area centroid (-121.84033, 38.5678290)
86 feet above sea level

USGS Quadrangle
Merritt, CA

Geographic Coverage Information

County/Parish: Yolo (CA)
ZipCode(s):
Davis CA: 95616
Woodland CA: 95695

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSCA	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR09	1	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR09	1	0	0.1250
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000

SUB-TOTAL		2	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR09	2	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSCA	3	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR09	0	0	TP/AP
HAZARDOUS WASTE COMPLIANCE DOCKET FACILITIES	HWCD	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR09	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR09	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	1	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000

SUB-TOTAL		6	0	

Database Summary

STATE (CA) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DTSC DEED RESTRICTIONS	DTSCDR	0	0	TP/AP
ABOVE GROUND STORAGE TANKS	ABST	0	0	0.2500
ABOVEGROUND STORAGE TANKS PRIOR TO JANUARY 2008	AST2007	0	0	0.2500
HISTORICAL UNDERGROUND STORAGE TANKS	HISTUST	0	1	0.2500
STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM	SWEEPS	0	0	0.2500
UNDERGROUND STORAGE TANKS	USTCUPA	0	0	0.2500
BROWNFIELD SITES	BF	0	0	0.5000
CALSITES DATABASE	CALSITES	0	0	0.5000
GEOTRACKER CLEANUP SITES	CLEANUPSITES	1	2	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	1	0	0.5000
SOLID WASTE INFORMATION SYSTEM SITES	SWIS	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM	VCP	0	0	0.5000
ENVIROSTOR CLEANUP SITES	ENVIROSTOR	0	0	1.0000
ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES	ENVIROSTORPCA	0	0	1.0000

SUB-TOTAL		2	3	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM	CHMIRS	0	0	TP/AP
CLANDESTINE DRUG LABS	CDL	0	0	TP/AP
EMISSIONS INVENTORY DATA	EMI	0	0	TP/AP
HAZARDOUS WASTE TANNER SUMMARY	HWTS	0	0	TP/AP
LAND DISPOSAL SITES	LDS	0	0	TP/AP
MILITARY CLEANUP SITES	MCS	1	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES	NPDES	0	0	TP/AP
RECORDED ENVIRONMENTAL CLEANUP LIENS	LIENS	0	0	TP/AP
CALIFORNIA MEDICAL WASTE MANAGEMENT PROGRAM FACILITY LIST	MWMP	0	0	0.2500
DTSC REGISTERED HAZARDOUS WASTE TRANSPORTERS	DTSCHWT	0	0	0.2500
DRY CLEANER FACILITIES	CLEANER	0	0	0.2500
MINES LISTING	MINES	0	0	0.2500

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING	SLIC	0	2	0.2500
CORTESE LIST	CORTESE	0	0	0.5000
EXPEDITED REMOVAL ACTION PROGRAM SITES	ERAP	0	0	0.5000
HISTORICAL CORTESE LIST	HISTCORTESE	0	0	0.5000
LISTING OF CERTIFIED DROPOFF, COLLECTION, AND COMMUNITY SERVICE PROGRAMS	DROP	0	0	0.5000
LISTING OF CERTIFIED PROCESSORS	PROC	0	0	0.5000
NO FURTHER ACTION DETERMINATION	NFA	0	0	0.5000
RECYCLING CENTERS	SWRCY	0	0	0.5000
REFERRED TO ANOTHER LOCAL OR STATE AGENCY	REF	0	0	0.5000
SITES NEEDING FURTHER EVALUATION	NFE	0	0	0.5000
WASTE MANAGEMENT UNIT DATABASE	WMUDS	0	1	0.5000
TOXIC PITS CLEANUP ACT SITES	TOXPITS	0	0	1.0000

SUB-TOTAL		1	3	

Database Summary

LOCAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
YOLO COUNTY UNDERGROUND STORAGE TANKS	YCUST	0	0	0.2500
YOLO COUNTY LEAKING STORAGE TANKS	YCLST	2	0	0.5000
SUB-TOTAL		2	0	

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR09	0	0	0.2500
ILLEGAL DUMP SITES ON THE TORRES MARTINEZ RESERVATION	TORRESDUMPSITES	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR09	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	

TOTAL		13	6	

Database Radius Summary

FEDERAL LISTING

*Standard environmental records are displayed in **bold**.*

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
ECHOR09	0.0200	2	NS	NS	NS	NS	NS	2
ERNSCA	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
FRSCA	0.0200	3	NS	NS	NS	NS	NS	3
HMIRSR09	0.0200	0	NS	NS	NS	NS	NS	0
HWCD	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDESR09	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR09	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR09	**0.1250**	**1**	**0**	**NS**	**NS**	**NS**	**NS**	**1**
RCRANGR09	**0.1250**	**0**	**1**	**NS**	**NS**	**NS**	**NS**	**1**
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
DNPL	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
NLRRCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODI	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
RCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SEMS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SEMSARCH	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	1	0	0	0	0	NS	1
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
NMS	1.0000	0	0	0	0	0	NS	0
NPL	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
PNPL	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RCRAC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RCRASUBC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RODS	1.0000	0	0	0	0	0	NS	0

SUB-TOTAL		7	1	0	0	0	0	8

Database Radius Summary

STATE (CA) LISTING

*Standard environmental records are displayed in **bold**.*

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
CDL	0.0200	0	NS	NS	NS	NS	NS	0
CHMIRS	0.0200	0	NS	NS	NS	NS	NS	0
DTSCDR	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
EMI	0.0200	0	NS	NS	NS	NS	NS	0
HWTS	0.0200	0	NS	NS	NS	NS	NS	0
LDS	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MCS	0.0200	1	NS	NS	NS	NS	NS	1
NPDES	0.0200	0	NS	NS	NS	NS	NS	0
ABST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
AST2007	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
CLEANER	0.2500	0	0	0	NS	NS	NS	0
DTSCHWT	0.2500	0	0	0	NS	NS	NS	0
HISTUST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
MINES	0.2500	0	0	0	NS	NS	NS	0
MWMP	0.2500	0	0	0	NS	NS	NS	0
SLIC	0.2500	0	0	0	NS	NS	NS	0
SWEEPS	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
USTCUPA	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
BF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CALSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CLEANUPSITES	**0.5000**	**0**	**0**	**0**	**1**	**NS**	**NS**	**1**
CORTESE	0.5000	0	0	0	0	NS	NS	0
DROP	0.5000	0	0	0	0	NS	NS	0
ERAP	0.5000	0	0	0	0	NS	NS	0
HISTCORTESE	0.5000	0	0	0	0	NS	NS	0
LUST	**0.5000**	**1**	**0**	**0**	**0**	**NS**	**NS**	**1**
NFA	0.5000	0	0	0	0	NS	NS	0
NFE	0.5000	0	0	0	0	NS	NS	0
PROC	0.5000	0	0	0	0	NS	NS	0
REF	0.5000	0	0	0	0	NS	NS	0
SWIS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SWRCY	0.5000	0	0	0	0	NS	NS	0
VCP	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
WMUDS	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ENVIROSTOR	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
ENVIROSTORPCA	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
TOXPITS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		2	0	0	1	0	0	3

Database Radius Summary

LOCAL LISTING

*Standard environmental records are displayed in **bold**.*

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
YCUST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
YCLST	**0.5000**	**2**	**0**	**0**	**0**	**NS**	**NS**	**2**
SUB-TOTAL		2	0	0	0	0	0	2

Database Radius Summary

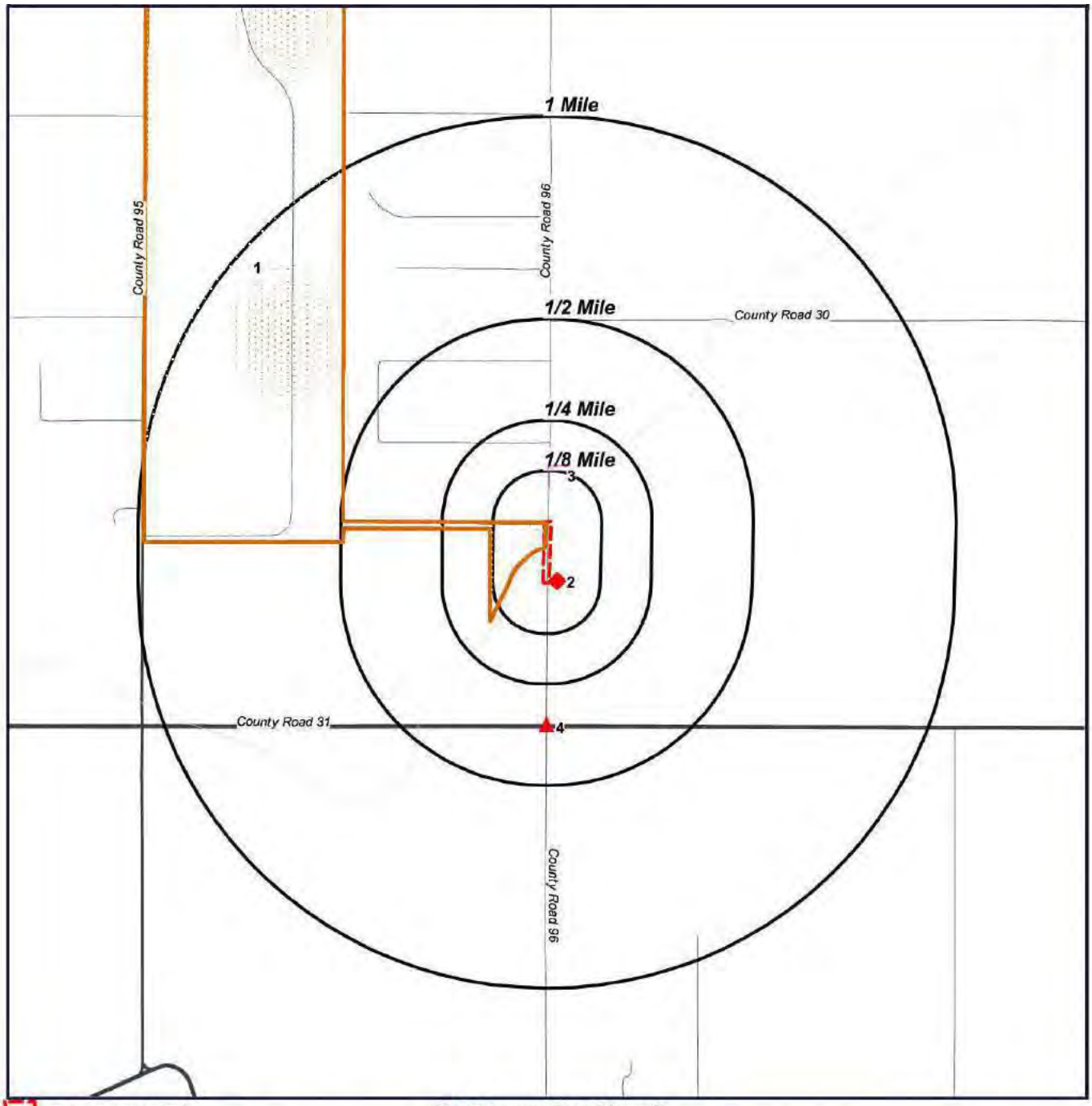
TRIBAL LISTING

*Standard environmental records are displayed in **bold**.*

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR09	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
LUSTR09	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODINDIAN	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
TORRESDUMPSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
INDIANRES	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0
TOTAL		11	1	0	1	0	0	13

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



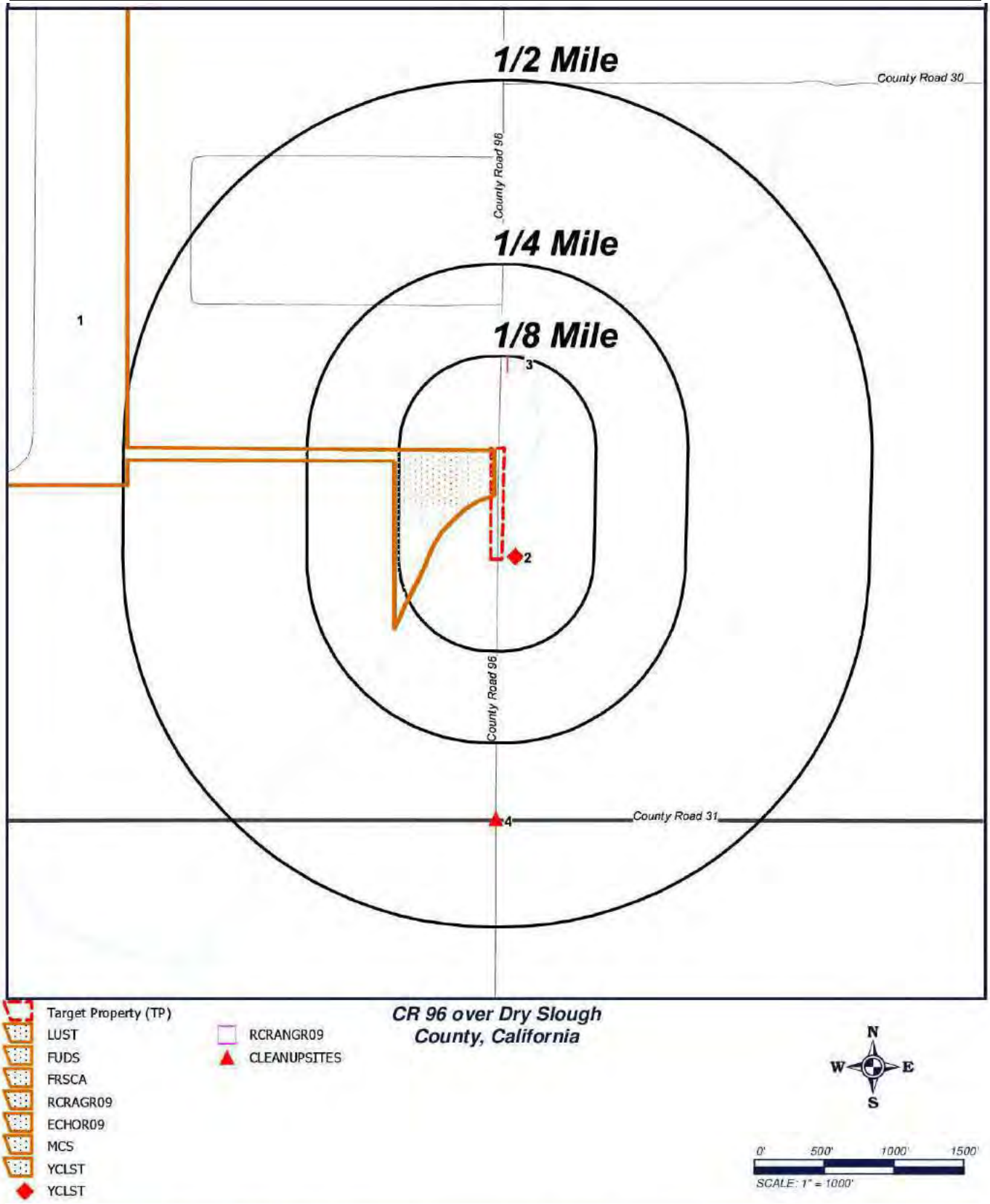
Target Property (TP)
LUST
FUDS
FRSCA
RCRAGR09
ECHOR09
MCS
YCLST
YCLST
RCRANGR09
CLEANUPSITES

CR 96 over Dry Slough
County, California

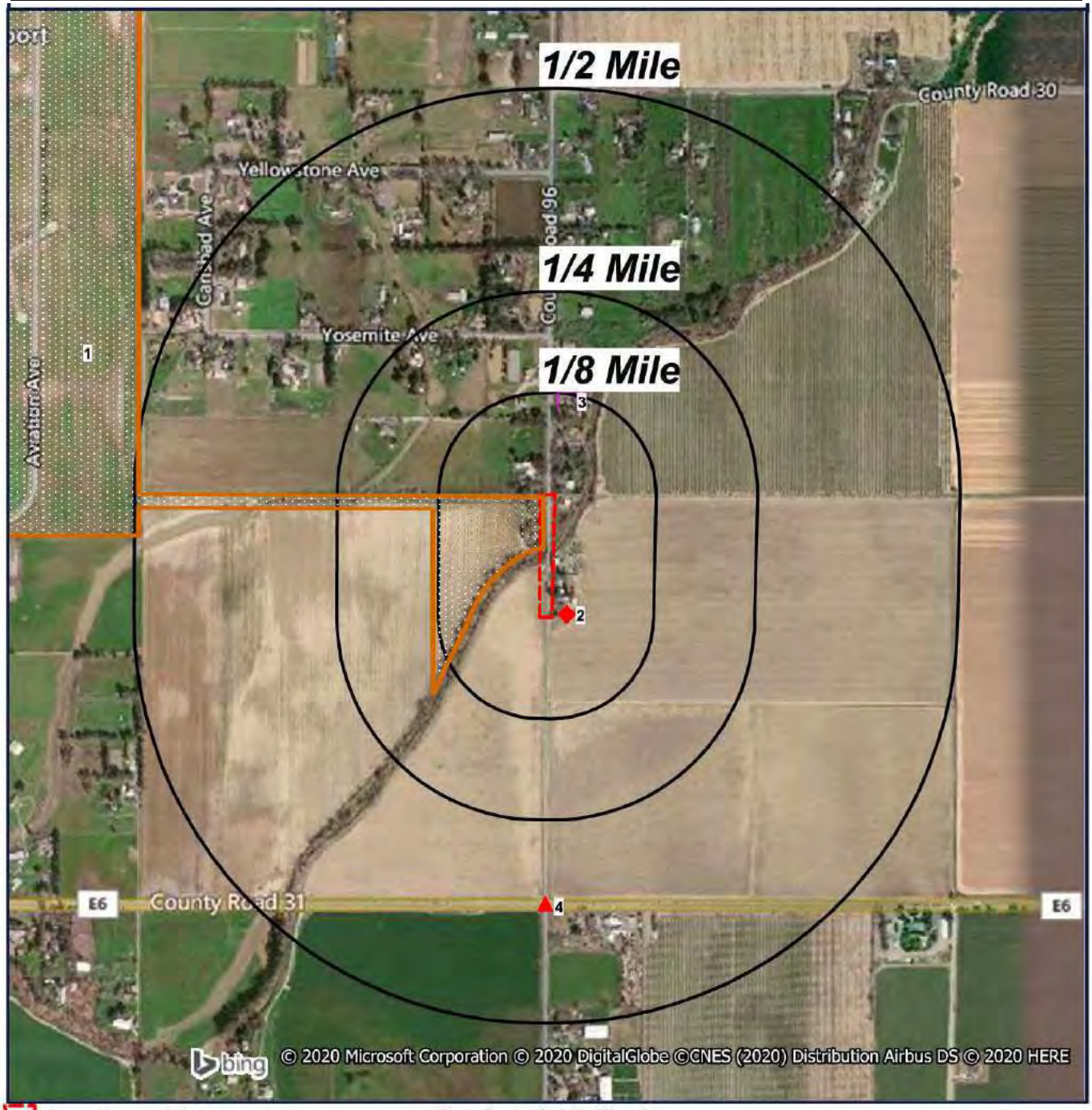
N
W
E
S

0' 1000' 2000' 3000'
SCALE: 1" = 2000'

Radius Map 2


1/2 Mile
1/4 Mile
1/8 Mile
County Road 30
County Road 96
County Road 96
County Road 31
1
2
3
4
Target Property (TP)
LUST
FUDS
FRSCA
RCRAGR09
ECHOR09
MCS
YCLST
YCLST
RCRANGR09
CLEANUPSITES
CR 96 over Dry Slough
County, California
N
W
E
S
0'
500'
1000'
1500'
SCALE: 1" = 1000'

Ortho Map



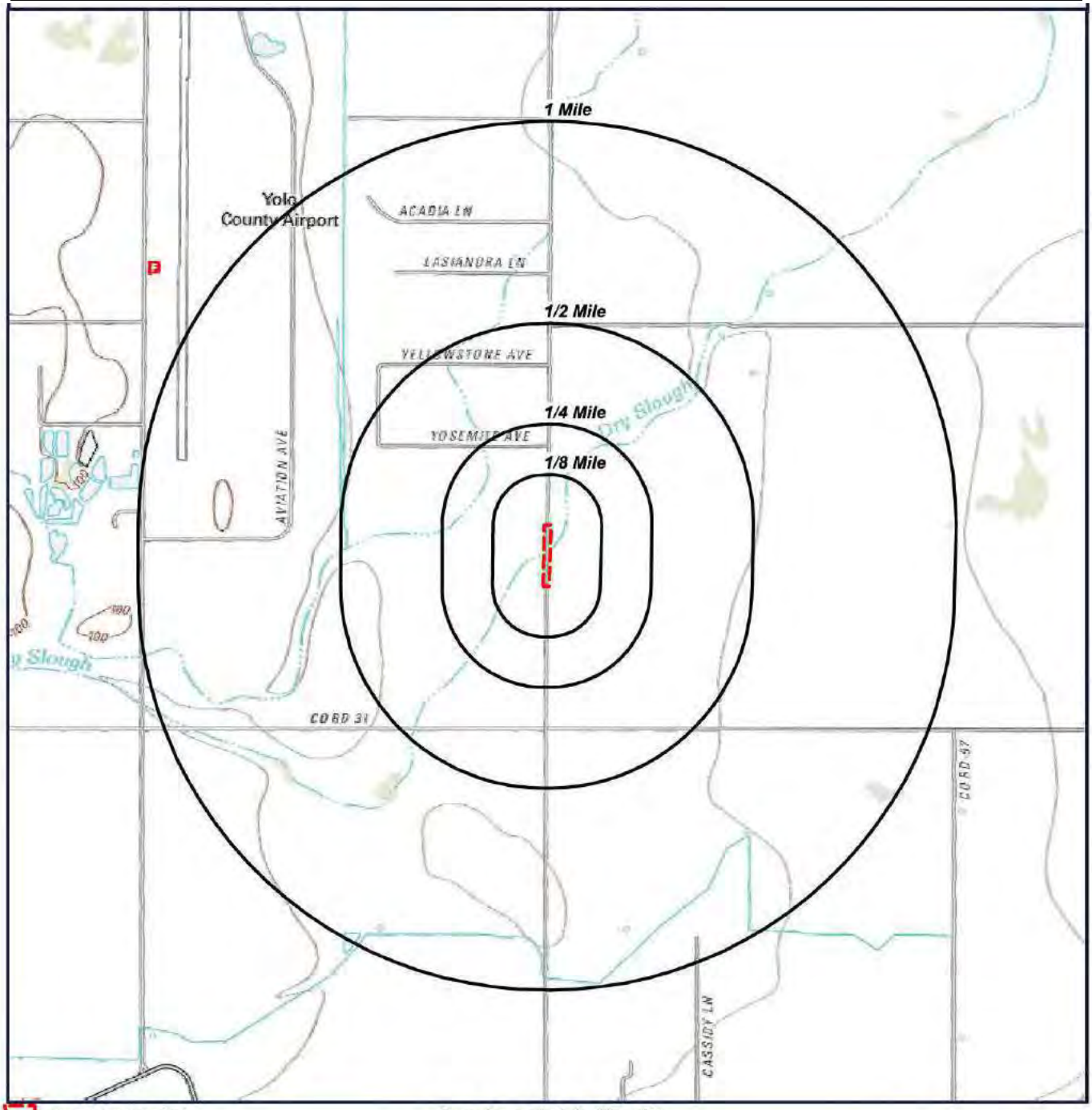
Target Property (TP)
LUST
FUDS
FRSCA
RCRAGR09
ECHOR09
MCS
YCLST
YCLST
RCRANGR09
CLEANUPSITES

Quadrangle(s): Merritt
CR 96 over Dry Slough
County, California

N
W
E
S

0' 500' 1000' 1500'
SCALE: 1" = 1000'

Topographic Map



Quadrangle(s): Merritt
Source: USGS,
03/08/2012
CR 96 over Dry Slough
County, California

N
W E
S

0' 1000' 2000' 3000'
SCALE: 1" = 2000'

Located Sites Summary

*NOTE: Standard environmental records are displayed in **bold**.*

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	ECHOR09	110008270824	Higher (88 ft.)	TP	CURTIS & ASSOCIATES	YOLO COUNTY AIRPORT, DAVIS, CA 95616	20
1	ECHOR09	110049594541	Higher (88 ft.)	TP	YOLO CO AIRPORT	CA	21
1	FRSCA	110008270824	Higher (88 ft.)	TP	CURTIS & ASSOCIATES	YOLO COUNTY AIRPORT, DAVIS, CA 95616	22
1	FRSCA	110049594541	Higher (88 ft.)	TP	YOLO CO AIRPORT	CA	23
1	FRSCA	110065435318	Higher (88 ft.)	TP	YOLO COUNTY AIRPORT - YOLO COUNTY INTERNATIONAL AIRPORT	DAVIS, CA 95616	24
1	FUDS	J09CA0094	Higher (88 ft.)	TP	YOLO COUNTY AIRPORT	YOLO COUNTY, DAVIS, CA 95616	25
1	***LUST***	***T0611391245L UST***	***Higher (88 ft.)***	***TP***	***YOLO COUNTY INTERNATIONAL AIRPORT***	***CA***	***29***
1	MCS	T0611391245M CS	Higher (88 ft.)	TP	YOLO COUNTY AIRPORT - YOLO COUNTY INTERNATIONAL AIRPORT	DAVIS, CA	31
1	***RCRAGR09***	***CAD981631948***	***Higher (88 ft.)***	***TP***	***CURTIS & ASSOCIATES***	***YOLO COUNTY AIRPORT, DAVIS, CA 95616***	***33***
1	***YCLST***	***3683889206***	***Higher (88 ft.)***	***TP***	***YOLO CO AIRPORT - ARMY CORPS***	***CR 29 & CR 29, DAVIS, CA***	***34***
2	***YCLST***	***1584793941***	***Equal (86 ft.)***	***0.018 mi. E (95 ft.)***	***BEOSHANZ PROPERTY***	***25635 CR 96, DAVIS, CA***	***35***
3	***RCRANGR09***	***CAL000348001***	***Higher (88 ft.)***	***0.115 mi. N (607 ft.)***	***GARRETT LANDSCAPE CONSTRUCTION***	***25361 COUNTY ROAD 96, DAVIS, CA 95616***	***36***
4	***CLEANUPSITES***	***SLT5S5693502***	***Lower (82 ft.)***	***0.355 mi. S (1874 ft.)***	***WASHBURN AGRICULTURAL SERVICES***	***CR 31 (COVELL RD) & CR 96, DAVIS, CA 95616***	***38***

Site Summary By Database

*NOTE: Standard environmental records are displayed in **bold**.*

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address
4	***CLEANUPSITES***	***SLT5S5693502***	***Lower (82 ft.)***	***0.355 mi. S (1874 ft.)***	***WASHBURN AGRICULTURAL SERVICES***	***CR 31 (COVELL RD) & CR 96, DAVIS, CA 95616***
1	ECHOR09	110008270824	Higher (88 ft.)	TP	CURTIS & ASSOCIATES	YOLO COUNTY AIRPORT, DAVIS, CA 95616
1	ECHOR09	110049594541	Higher (88 ft.)	TP	YOLO CO AIRPORT	CA
1	FRSCA	110008270824	Higher (88 ft.)	TP	CURTIS & ASSOCIATES	YOLO COUNTY AIRPORT, DAVIS, CA 95616
1	FRSCA	110049594541	Higher (88 ft.)	TP	YOLO CO AIRPORT	CA
1	FRSCA	110065435318	Higher (88 ft.)	TP	YOLO COUNTY AIRPORT - YOLO COUNTY INTERNATIONAL AIRPORT	DAVIS, CA 95616
1	FUDS	J09CA0094	Higher (88 ft.)	TP	YOLO COUNTY AIRPORT	YOLO COUNTY, DAVIS, CA 95616
1	***LUST***	***T0611391245LUST***	***Higher (88 ft.)***	***TP***	***YOLO COUNTY INTERNATIONAL AIRPORT***	***CA***
1	MCS	T0611391245MCS	Higher (88 ft.)	TP	YOLO COUNTY AIRPORT - YOLO COUNTY INTERNATIONAL AIRPORT	DAVIS, CA
1	***RCRAGR09***	***CAD981631948***	***Higher (88 ft.)***	***TP***	***CURTIS & ASSOCIATES***	***YOLO COUNTY AIRPORT, DAVIS, CA 95616***
3	***RCRANGR09***	***CAL000348001***	***Higher (88 ft.)***	***0.115 mi. N (607 ft.)***	***GARRETT LANDSCAPE CONSTRUCTION***	***25361 COUNTY ROAD 96, DAVIS, CA 95616***
1	***YCLST***	***3683889206***	***Higher (88 ft.)***	***TP***	***YOLO CO AIRPORT - ARMY CORPS***	***CR 29 & CR 29, DAVIS, CA***
2	***YCLST***	***1584793941***	***Equal (86 ft.)***	***0.018 mi. E (95 ft.)***	***BEOSHANZ PROPERTY***	***25635 CR 96, DAVIS, CA***

Enforcement and Compliance History Information (ECHOR09)

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

UNIQUE ID: **110008270824**
REGISTRY ID: **110008270824**
NAME: **CURTIS & ASSOCIATES**
ADDRESS: **YOLO COUNTY AIRPORT**
DAVIS, CA 95616
COUNTY: **YOLO**
FACILITY LINK: *Facility Detail Report*

Back to Report Summary

Enforcement and Compliance History Information (ECHOR09)

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

UNIQUE ID: **110049594541**
REGISTRY ID: **110049594541**
NAME: **YOLO CO AIRPORT**
ADDRESS: **NO STREET REPORTED**
NOT REPORTED, CA
COUNTY: **YOLO**
FACILITY LINK: *Facility Detail Report*

Back to Report Summary

Facility Registry System (FRSCA)

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

REGISTRY ID: **110008270824**

NAME: **CURTIS & ASSOCIATES**

LOCATION ADDRESS: **YOLO COUNTY AIRPORT**
DAVIS, CA 95616

COUNTY: **YOLO**

EPA REGION: **09**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

CURTIS & ASSOCIATES

PROGRAM/S LISTED FOR THIS FACILITY

RCRAINFO - *DEFINITION NOT PROVIDED BY REPORTING AGENCY

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

Back to Report Summary

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

REGISTRY ID: **110049594541**

NAME: **YOLO CO AIRPORT**

LOCATION ADDRESS: **NO STREET REPORTED**
NOT REPORTED, CA

COUNTY: **YOLO**

EPA REGION: **09**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

YOLO CO AIRPORT

PROGRAM/S LISTED FOR THIS FACILITY

SFDW - *DEFINITION NOT PROVIDED BY REPORTING AGENCY

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

Back to Report Summary

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

REGISTRY ID: **110065435318**

NAME: **YOLO COUNTY AIRPORT - YOLO COUNTY INTERNATIONAL AIRPORT**

LOCATION ADDRESS: **NO STREET REPORTED**
DAVIS, CA 95616

COUNTY: **YOLO**

EPA REGION: **09**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

YOLO COUNTY AIRPORT - YOLO COUNTY INTERNATIONAL AIRPORT

PROGRAM/S LISTED FOR THIS FACILITY

CA-ENVIROVIEW - *DEFINITION NOT PROVIDED BY REPORTING AGENCY

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

Back to Report Summary

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

Geosearch Id: **J09CA0094**
FUDS NUMBER: **J09CA0094**
PROPERTY NAME: **YOLO COUNTY AIRPORT**
ADDRESS: **YOLO COUNTY**
DAVIS, CA 95616
COUNTY: **YOLO**

FACILITY DETAIL(S)

FUDS PROPERTY POINT DATA
FFID: **CA99799F530000**
PROPERTY ID: **NOT REPORTED**
PROJECT ID: **NOT REPORTED**
ENV SITE ID: **NOT REPORTED**
SITE ID: **NOT REPORTED**
MRA ID: **NOT REPORTED**
PROJECT NUMBER: **NOT REPORTED**
PROJECT NAME: **NOT REPORTED**
PROGRAM: **NOT REPORTED**
CATEGORY: **NOT REPORTED**
STATUS: **PROPERTIES WITH ALL PROJECTS AT SITE CLOSEOUT**
FED LAND TYPE: **NOT REPORTED**
FED LAND NAME: **NOT REPORTED**
FED LAND AGENCY: **NOT REPORTED**
SITE CLOSEOUT DATE: **NOT REPORTED**
REMEDY IN PLACE DATE: **NOT REPORTED**
RESPONSE COMPLETE DATE: **NOT REPORTED**
NPL STATUS CODE: **NOT LISTED**
CURRENT OWNER: **LOCAL GOVERNMENT; PRIVATE SECTOR**
ELIGIBILITY: **ELIGIBLE**
HAS PROJECTS: **YES**
FISCAL YEAR: **2018**
EPA REGION: **09**
CONGRESSIONAL DISTRICT: **03**
DISTRICT RESPONSIBLE FOR THE FUDS PROPERTY: **SACRAMENTO DISTRICT (SPK)**
IS THE PROPERTY HAS ANY CLEANUP UNDER THE MILITARY MUNITIONS RESPONSE PROGRAM (MMRP): **NOT REPORTED**
ACREAGE: **NOT REPORTED**
DESCRIPTION: **NOT REPORTED**
HISTORY: **NOT REPORTED**
EMS MAP LINK: CLICK HERE

FUDS PROPERTY POLYGON DATA
FFID: **CA99799F530000**
PROPERTY ID: **NOT REPORTED**

PROJECT ID: **NOT REPORTED**
ENV SITE ID: **NOT REPORTED**
SITE ID: **NOT REPORTED**
MRA ID: **NOT REPORTED**
PROJECT NUMBER: **NOT REPORTED**
PROJECT NAME: **NOT REPORTED**
PROGRAM: **NOT REPORTED**
CATEGORY: **NOT REPORTED**
STATUS: **PROPERTIES WITH ALL PROJECTS AT SITE CLOSEOUT**
FED LAND TYPE: **NOT REPORTED**
FED LAND NAME: **NOT REPORTED**
FED LAND AGENCY: **NOT REPORTED**
SITE CLOSEOUT DATE: **NOT REPORTED**
REMEDY IN PLACE DATE: **NOT REPORTED**
RESPONSE COMPLETE DATE: **NOT REPORTED**
NPL STATUS CODE: **NOT LISTED**
CURRENT OWNER: **LOCAL GOVERNMENT; PRIVATE SECTOR**
ELIGIBILITY: **ELIGIBLE**
HAS PROJECTS: **YES**
FISCAL YEAR: **2018**
EPA REGION: **9**
CONGRESSIONAL DISTRICT: **3**
DISTRICT RESPONSIBLE FOR THE FUDS PROPERTY: **SACRAMENTO DISTRICT (SPK)**
IS THE PROPERTY HAS ANY CLEANUP UNDER THE MILITARY MUNITIONS RESPONSE PROGRAM (MMRP): **Y**
ACREAGE: **NOT REPORTED**
DESCRIPTION: **THE 510.15-ACRE SITE IS APPROXIMATELY EIGHT MILES NORTHWEST OF DOWNTOWN DAVIS IN YOLO COUNTY, CALIFORNIA. THE 495.98-ACRE PORTION OF THE SITE IS CURRENTLY OWNED BY THE COUNTY OF YOLO AND UTILIZED AS THE YOLO COUNTY AIRPORT. THE 14.17-ACRE PORTION OF THE SITE IS OWNED BY ST. MARY'S COLLEGE AND USED FOR AGRICULTURE.**
HISTORY: **BETWEEN 1942 AND 1943, THE U.S. ACQUIRED 308.57 ACRES BY DECLARATION OF TAKING AND 201.58 ACRES BY TRANSFER FOR USE AS A FLIGHT STRIP TO PROVIDE ALTERNATE BASING FOR B-25 AIRCRAFT NORMALLY BASED AT MCCLELLAN AIR FORCE BASE. IN 1946, THE USE PERMIT FOR 201.58 ACRES WAS RELINQUISHED TO THE PUBLIC ROADS ADMINISTRATION (PRA), AND THE REMAINING 308.57 ACRES WERE TRANSFERRED TO THE WAR ASSETS ADMINISTRATION (WAA). IN 1948, THE WAA TRANSFERRED 294.40 ACRES AND 201.58 ACRES FROM THE PRA TO YOLO COUNTY FOR AN AIRPORT. THE REMAINING 14.17 ACRES REVERTED TO ORIGINAL OWNERSHIP. THERE ARE 16 KNOWN LOCATIONS FOR ORDNANCE STORAGE FACILITIES. UNDERGROUND PIPING AND CONNECTED FILL STANDS AND FUELING PIT BOXES NEED TO BE REMOVED. THIS PROPERTY IS KNOWN OR SUSPECTED TO CONTAIN MILITARY MUNITIONS AND EXPLOSIVES OF CONCERN (E.G., UNEXPLODED ORDNANCE) AND THEREFORE MAY PRESENT AN EXPLOSIVE HAZARD.**
EMS MAP LINK: CLICK HERE

FUDS PROJECT POINT DATA
FFID: **CA99799F530000**
PROPERTY ID: **57762**
PROJECT ID: **01**
ENV SITE ID: **01OEW**
SITE ID: **NOT REPORTED**

MRA ID: **NOT REPORTED**
PROJECT NUMBER: **NOT REPORTED**
PROJECT NAME: **OEW**
PROGRAM: **MMRP**
CATEGORY: **MMRP**
STATUS: **RESPONSE COMPLETE AND SITE CLOSEOUT**
FED LAND TYPE: **NOT REPORTED**
FED LAND NAME: **NOT REPORTED**
FED LAND AGENCY: **NOT REPORTED**
SITE CLOSEOUT DATE: **2013-03-01**
REMEDY IN PLACE DATE: **2008-11-01**
RESPONSE COMPLETE DATE: **2008-11-01**
NPL STATUS CODE: **NOT REPORTED**
CURRENT OWNER: **NOT REPORTED**
ELIGIBILITY: **NOT REPORTED**
HAS PROJECTS: **NOT REPORTED**
FISCAL YEAR: **NOT REPORTED**
EPA REGION: **NOT REPORTED**
CONGRESSIONAL DISTRICT: **NOT REPORTED**
DISTRICT RESPONSIBLE FOR THE FUDS PROPERTY: **NOT REPORTED**
IS THE PROPERTY HAS ANY CLEANUP UNDER THE MILITARY MUNITIONS RESPONSE PROGRAM (MMRP): **NOT REPORTED**
ACREAGE: **16**
DESCRIPTION: **NOT REPORTED**
HISTORY: **NOT REPORTED**
EMS MAP LINK: CLICK HERE

FUDS PROJECT POINT DATA
FFID: **CA99799F530000**
PROPERTY ID: **57762**
PROJECT ID: **02**
ENV SITE ID: **02CON/HTRW**
SITE ID: **NOT REPORTED**
MRA ID: **NOT REPORTED**
PROJECT NUMBER: **NOT REPORTED**
PROJECT NAME: **CON/HTRW**
PROGRAM: **IRP**
CATEGORY: **CON/HTRW**
STATUS: **RESPONSE COMPLETE AND SITE CLOSEOUT**
FED LAND TYPE: **NOT REPORTED**
FED LAND NAME: **NOT REPORTED**
FED LAND AGENCY: **NOT REPORTED**
SITE CLOSEOUT DATE: **2013-09-01**
REMEDY IN PLACE DATE: **2013-09-01**
RESPONSE COMPLETE DATE: **2013-09-01**
NPL STATUS CODE: **NOT REPORTED**
CURRENT OWNER: **NOT REPORTED**

ELIGIBILITY: **NOT REPORTED**
HAS PROJECTS: **NOT REPORTED**
FISCAL YEAR: **NOT REPORTED**
EPA REGION: **NOT REPORTED**
CONGRESSIONAL DISTRICT: **NOT REPORTED**
DISTRICT RESPONSIBLE FOR THE FUDS PROPERTY: **NOT REPORTED**
IS THE PROPERTY HAS ANY CLEANUP UNDER THE MILITARY MUNITIONS RESPONSE PROGRAM (MMRP): **NOT REPORTED**
ACREAGE: **NOT REPORTED**
DESCRIPTION: **NOT REPORTED**
HISTORY: **NOT REPORTED**
EMS MAP LINK: CLICK HERE

FUDS PROJECT POINT DATA
FFID: **CA99799F530000**
PROPERTY ID: **57762**
PROJECT ID: **03**
ENV SITE ID: **03HTRW**
SITE ID: **NOT REPORTED**
MRA ID: **NOT REPORTED**
PROJECT NUMBER: **NOT REPORTED**
PROJECT NAME: **HTRW**
PROGRAM: **IRP**
CATEGORY: **HTRW**
STATUS: **RESPONSE COMPLETE AND SITE CLOSEOUT**
FED LAND TYPE: **NOT REPORTED**
FED LAND NAME: **NOT REPORTED**
FED LAND AGENCY: **NOT REPORTED**
SITE CLOSEOUT DATE: **2016-03-01**
REMEDY IN PLACE DATE: **2016-03-01**
RESPONSE COMPLETE DATE: **2016-03-01**
NPL STATUS CODE: **NOT REPORTED**
CURRENT OWNER: **NOT REPORTED**
ELIGIBILITY: **NOT REPORTED**
HAS PROJECTS: **NOT REPORTED**
FISCAL YEAR: **NOT REPORTED**
EPA REGION: **NOT REPORTED**
CONGRESSIONAL DISTRICT: **NOT REPORTED**
DISTRICT RESPONSIBLE FOR THE FUDS PROPERTY: **NOT REPORTED**
IS THE PROPERTY HAS ANY CLEANUP UNDER THE MILITARY MUNITIONS RESPONSE PROGRAM (MMRP): **NOT REPORTED**
ACREAGE: **NOT REPORTED**
DESCRIPTION: **NOT REPORTED**
HISTORY: **NOT REPORTED**
EMS MAP LINK: CLICK HERE

Back to Report Summary

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: **T0611391245**
URL LINK: CLICK HERE
BUSINESS NAME: **YOLO COUNTY INTERNATIONAL AIRPORT**
ADDRESS: **NOT REPORTED**
NOT REPORTED, CA
COUNTY: **YOLO**

FACILITY DETAILS

NO DETAIL(S) INFORMATION REPORTED

HISTORICAL FACILITY DETAILS

SITE INFORMATION

ID#: **T0611391245** REGIONAL CASE #: **N/A** LOCAL CASE #: **100572**
RESPONSIBLE PARTY:: **GERRY VINCENT**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **NOT REPORTED**
CASE WAS REPORTED: **NOT REPORTED**
CASE ENTERED INTO SYSTEM: **NOT REPORTED**
CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **NOT REPORTED**
ENFORCEMENT TYPE: **NOT REPORTED**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **DOD - DEPARTMENT OF DEFENSE PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **NOT REPORTED**
LEAD AGENCY: **LOCAL AGENCY LEAD** LOCAL AGENCY: **NOT REPORTED**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT REQUIRED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **0**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED**
DATE LEAK WAS DISCOVERED: **NOT REPORTED**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED**
LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED**
SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **NOT REPORTED**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED**
POLUTION CHARACTERIZATION: **NOT REPORTED**
REMEDIATION PLAN: **NOT REPORTED**
VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **NOT REPORTED**
PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**
WATER WELL ID #: **NOT REPORTED**
WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**
WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**
DISTANCE TO NEAREST DRINKING WATER WELL: **0**
GROUNDWATER BASIN: **NOT REPORTED**
BENEFICIAL USE: **NOT REPORTED**

Back to Report Summary

Military Cleanup Sites (MCS)

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

GLOBAL ID: **T0611391245**
URL LINK: CLICK HERE
BUSINESS NAME: **YOLO COUNTY AIRPORT - YOLO COUNTY INTERNATIONAL AIRPORT**
ADDRESS: **NOT REPORTED**
DAVIS, CA
COUNTY: **YOLO**

FACILITY DETAILS

CASE TYPE: **MILITARY CLEANUP SITE**
CASE NUMBER: **N/A**
STATUS: **3/12/2013**
POTENTIAL CONTAMINATION:
AVIATION
POTENTIAL MEDIA AFFECTED:
NOT REPORTED
SITE HISTORY:
THE FOLLOWING WAS COPIED FROM THE USACE FUDS WEB SITE ON 9-6-12 THIS SITE WAS USED AS A FLIGHT STRIP TO PROVIDE ALTERNATE BASING FOR B25 AIRCRAFT NORMALLY LOCATED AT MCCLELLAN AIR FORCE BASE. SITE IMPROVEMENTS INCLUDED A RUNWAY, TAXIWAYS, TWO AIRCRAFT FUELING AREAS, AN OPERATIONS AREA, CONTROL TOWER, BOMB STORAGE AREA, AND HOUSING AREA. SITE WAS CLOSED ON 12 MARCH 2013 (SEE UPLOADED NDAI AND CONCURRENCE LETTER FOR DETAILS).

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	**08/16/2018**	**CORRESPONDENCE**
RESPONSE	**02/08/2013**	**REQUEST FOR CLOSURE**
ENFORCEMENT	**09/06/2012**	**FILE REVIEW**
ENFORCEMENT	**09/21/2011**	**FILE REVIEW**
ENFORCEMENT	**12/10/2010**	**FILE REVIEW**
ENFORCEMENT	**08/19/2010**	**FILE REVIEW**
ENFORCEMENT	**06/08/2009**	**FILE REVIEW**

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	**03/12/2013**
OPEN - INACTIVE	**05/17/2010**
OPEN	**12/04/2008**
OPEN - CASE BEGIN DATE	**12/04/2008**

CONTACT DETAILS

ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **MARCUS PIERCE**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**

EMAIL: **MPIERCE@WATERBOARDS.CA.GOV**

Back to Report Summary

Resource Conservation & Recovery Act - Generator (RCRAGR09)

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

EPA ID#: **CAD981631948**
NAME: **CURTIS & ASSOCIATES**
ADDRESS: **YOLO COUNTY AIRPORT**
DAVIS, CA 95616
CONTACT NAME: **NOT REPORTED**
CONTACT ADDRESS: **PO BOX 924**
WOODLAND CA 95695
CONTACT PHONE: **NOT REPORTED**
NON-NOTIFIER: **NOT A NON-NOTIFIER**
DATE RECEIVED BY AGENCY: **09/01/1996**

OWNER TYPE: **NOT REPORTED**
OWNER NAME: **NOT REPORTED**
OPERATOR TYPE: **PRIVATE**
OPERATOR NAME: **NOT REQUIRED**

CERTIFICATION **- NO CERTIFICATION REPORTED -**
INDUSTRY CLASSIFICATION (NAICS) **- NO NAICS INFORMATION REPORTED -**

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **SMALL QUANTITY GENERATOR** LAST UPDATED DATE: **06/27/2002**
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**
TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**
NON TSDFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**
CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**
MIXED WASTE GENERATOR: **NO**
RECYCLER: **NO**
TRANSPORTER: **NO**
ONSITE BURNER EXEMPTION: **NO**
FURNACE EXEMPTION: **NO**
USED OIL REFINER: **NO**
USED OIL TRANSFER FACILITY: **NO**

UNDERGROUND INJECTION: **NO**
UNIVERSAL WASTE DESTINATION FACILITY: **NO**
TRANSFER FACILITY: **NO**
USED OIL FUEL BURNER: **NO**
USED OIL PROCESSOR: **NO**
USED OIL FUEL MARKETER TO BURNER: **NO**
SPECIFICATION USED OIL MARKETER: **NO**
USED OIL TRANSPORTER: **NO**

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS **- NO EVALUATIONS REPORTED -**
VIOLATIONS **- NO VIOLATIONS REPORTED -**
ENFORCEMENTS **- NO ENFORCEMENTS REPORTED -**

HAZARDOUS WASTE

- NO HAZARDOUS WASTE INFORMATION REPORTED -
UNIVERSAL WASTE **- NO UNIVERSAL WASTE REPORTED -**
CORRECTIVE ACTION AREA **- NO CORRECTIVE ACTION AREA INFORMATION REPORTED -**
CORRECTIVE ACTION EVENT
NO CORRECTIVE ACTION EVENT(S) REPORTED

Back to Report Summary

Yolo County Leaking Storage Tanks (YCLST)

MAP ID# 1

Distance from Property: 0.000 mi. (0 ft.) X
Elevation: 88 ft. (Higher than TP)

Back to Report Summary

Yolo County Leaking Storage Tanks (YCLST)

MAP ID# 2

Distance from Property: 0.018 mi. (95 ft.) E
Elevation: 86 ft. (Equal to TP)

Back to Report Summary

Resource Conservation & Recovery Act - Non-Generator (RCRANGR09)

MAP ID# 3

Distance from Property: 0.115 mi. (607 ft.) N
Elevation: 88 ft. (Higher than TP)

FACILITY INFORMATION

EPA ID#: **CAL000348001**
NAME: **GARRETT LANDSCAPE CONSTRUCTION**
ADDRESS: **25361 COUNTY ROAD 96**
DAVIS, CA 95616-9435
CONTACT NAME: **DAN GARRETT**
CONTACT ADDRESS: **25361 COUNTY ROAD 96**
DAVIS CA 95616-9435
CONTACT PHONE: **530-753-7541**
NON-NOTIFIER: **NOT A NON-NOTIFIER**
DATE RECEIVED BY AGENCY: **11/16/2009**

OWNER TYPE: **OTHER**
OWNER NAME: **DAN GARRETT**
OPERATOR TYPE: **OTHER**
OPERATOR NAME: **DAN GARRETT**

CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
DTSC HQ	**CA-DTSC**	**09/05/2018**

INDUSTRY CLASSIFICATION (NAICS)
56291 - REMEDIATION SERVICES

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **NON-GENERATOR** LAST UPDATED DATE: **09/05/2018**
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**
TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**
NON TSDFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**
CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**
MIXED WASTE GENERATOR: **NO**
RECYCLER: **NO**
TRANSPORTER: **YES**
ONSITE BURNER EXEMPTION: **NO**
FURNACE EXEMPTION: **NO**
USED OIL REFINER: **NO**
USED OIL TRANSFER FACILITY: **NO**

UNDERGROUND INJECTION: **NO**
UNIVERSAL WASTE DESTINATION FACILITY: **YES**
TRANSFER FACILITY: **NO**
USED OIL FUEL BURNER: **NO**
USED OIL PROCESSOR: **NO**
USED OIL FUEL MARKETER TO BURNER: **NO**
SPECIFICATION USED OIL MARKETER: **NO**
USED OIL TRANSPORTER: **NO**

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS **- NO EVALUATIONS REPORTED -**
VIOLATIONS **- NO VIOLATIONS REPORTED -**
ENFORCEMENTS **- NO ENFORCEMENTS REPORTED -**

HAZARDOUS WASTE

- NO HAZARDOUS WASTE INFORMATION REPORTED -
UNIVERSAL WASTE **- NO UNIVERSAL WASTE REPORTED -**
CORRECTIVE ACTION AREA **- NO CORRECTIVE ACTION AREA INFORMATION REPORTED -**
CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

Back to Report Summary

MAP ID# 4

Distance from Property: 0.355 mi. (1,874 ft.) S
Elevation: 82 ft. (Lower than TP)

FACILITY INFORMATION

GLOBAL ID: **SLT5S5693502**
URL LINK: CLICK HERE
BUSINESS NAME: **WASHBURN AGRICULTURAL SERVICES**
ADDRESS: **CR 31 (COVELL RD) & CR 96**
DAVIS, CA 95616
COUNTY: **YOLO**

FACILITY DETAILS

CASE TYPE: **NON-CASE INFORMATION**
CASE NUMBER: **SLT5S569**
STATUS: **INFORMATIONAL ITEM 1/15/2019**
POTENTIAL CONTAMINATION:
OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON, OTHER INSECTICIDES / PESTICIDE / FUMIGANTS / HERBICIDES
POTENTIAL MEDIA AFFECTED:
UNDER INVESTIGATION
DISADVANTAGED COMMUNITY:
NO
SEVERELY DISADVANTAGED COMMUNITY:
NO
SITE HISTORY:
FERTILIZER/PESTICIDE FILE SUMMARY 1986 - WASHPAD (NOT USED MUCH) DRAINS TO DITCH. DITCH SOIL ON ROAD 31 AT 2 FT DEPTH CONTAINED 290 MG/KG ATRAZINE, 280 MG/KG KARMEX. SURFACE SOIL 825 MG/KG ATRAZINE, 705 MG/KG KARMEX, 22 MG/KG DDT IN 1995. SITE TYPE CHANGED TO NON-CASE INFORMATION FOLLOWING 15 JANUARY 2019 INACTIVE CASE REVIEW. SEE "DOCUMENTS / DATA" TAB FOR INACTIVE CASE REVIEW FILE.

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	**01/01/50**	**LEAK REPORTED**
ENFORCEMENT	**01/15/2019**	**FILE REVIEW**
ENFORCEMENT	**10/08/2018**	**STAFF LETTER**
ENFORCEMENT	**05/03/1995**	**STAFF LETTER**
RESPONSE	**04/21/1995**	**CORRESPONDENCE**
RESPONSE	**01/30/1991**	**OTHER REPORT / DOCUMENT**
ENFORCEMENT	**12/28/1990**	**STAFF LETTER**
ENFORCEMENT	**12/05/1990**	**SITE VISIT / INSPECTION / SAMPLING**
RESPONSE	**02/15/1989**	**OTHER REPORT / DOCUMENT**
ENFORCEMENT	**12/08/1987**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
RESPONSE	**10/20/1987**	**OTHER REPORT / DOCUMENT**
ENFORCEMENT	**03/18/1985**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**02/04/1983**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
OTHER	**01/02/1965**	**LEAK REPORTED**

STATUS HISTORY

STATUS:	DATE:
INFORMATIONAL ITEM	**01/15/2019**

STATUS:	DATE:
OPEN - INACTIVE	**01/02/1973**
OPEN - CASE BEGIN DATE	**01/01/1973**
OPEN - SITE ASSESSMENT	**01/01/1973**

CONTACT DETAILS

ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **ZZZ**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **INFO5@WATERBOARDS.CA.GOV**

Back to Report Summary

Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

Database Name	Site ID#	Site Name	Address	City/State/Zip/County
CLEANUPSITES	SLT5S7533505	J & K AERIAL APPLICATORS	E. SIDE YOLO CO. AIRPORT	WOODLAND 95695 Yolo
CLEANUPSITES	L10009716245	J & K AERIAL APPLICATORS	E. SIDE YOLO CO. AIRPORT	WOODLAND 95695 Yolo
HISTUST	0002D4BC	YOLD AVIATION INC	NONE COUNTY ROAD 29 AND 95 YOLD COU	WOODLAND 95695 Yolo
SLIC	SLT5S7533505	J & K AERIAL APPLICATORS	E. SIDE YOLO CO. AIRPORT	WOODLAND 95695 Yolo
SLIC	5-SLIC -601	YOLO COUNTY INTERNATIONAL AIRPORT (WOODLAND AIRPORT)	510 ACRES, COUNTY ROAD 24	WOODLAND
WMUDS	5A570301N01	J & K AERIAL APPLICATORS	E. SIDE YOLO CO. AIRPORT	WOODLAND 95695 Yolo

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BRS Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 11/26/19

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 02/26/20

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. The data displays remedy component information for Superfund decision documents issued in fiscal years 1982-2017, and it includes final and deleted NPL sites as well as sites with a Superfund Alternative Approach (SAA) agreement in place. The only sites included that are not on the NPL, proposed for NPL, or removed from proposed NPL, are those with an SAA Agreement in place. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR09 Enforcement and Compliance History Information

VERSION DATE: 10/27/19

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSCA Emergency Response Notification System

VERSION DATE: 10/06/19

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSCA Facility Registry System

VERSION DATE: 10/09/19

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRSR09 Hazardous Materials Incident Reporting System

VERSION DATE: 11/20/19

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

HWCD Hazardous Waste Compliance Docket Facilities

VERSION DATE: 04/29/19

This list of the Federal Agency Hazardous Waste Compliance Docket Facilities is maintained by the United States Environmental Protection Agency (EPA). According to the EPA, Section 120(c) of CERCLA requires EPA to establish a listing, known as the Federal Facility Hazardous Waste Compliance Docket (Docket), of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste. Thus, the Docket identifies all Federal facilities that must be evaluated to determine whether they pose a risk to human health and the environment and it makes this information available to the public. In order for the Docket to remain current and accurate it requires periodic updating.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/21/19

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 09/22/19

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database is provided by the U.S. Environmental Protection Agency.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

NPDESR09 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from the U.S. Environmental Protection Agency (EPA) from December 2002 through April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

PADS PCB Activity Database System

VERSION DATE: 10/09/19

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of Polychlorinated Biphenyls (PCB) who are required to notify the U.S. Environmental Protection Agency of such activities.

PCSR09 Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

RCRASC RCRA Sites with Controls

VERSION DATE: 02/21/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 10/18/19

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of

Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete. Please refer to the SEMSLIENS database as source of current data.

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/17

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/16

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and

importer site.

RCRAGR09 Resource Conservation & Recovery Act - Generator

VERSION DATE: 12/30/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

RCRANGR09 Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 12/30/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ALTFUELS Alternative Fueling Stations

VERSION DATE: 09/24/19

Nationwide list of alternative fueling stations made available by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Bio-diesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

FEMAUST FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

HISTPST Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS Integrated Compliance Information System Drycleaners

VERSION DATE: 09/21/19

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The U.S. Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments. The following Primary SIC Codes are included in this data: 7211, 7212, 7213, 7215, 7216, 7217, 7218, and/or 7219; the following Primary NAICS Codes are included in this data: 812320, 812331, and/or 812332.

MRDS Mineral Resource Data System

VERSION DATE: 03/15/16

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 09/20/19

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

BF Brownfields Management System

VERSION DATE: 10/15/19

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

DNPL Delisted National Priorities List

VERSION DATE: 01/27/20

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 12/30/19

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 12/30/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

SEMS Superfund Enterprise Management System

VERSION DATE: 01/27/20

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 01/27/20

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System Archived Site Inventory (List 8R Archived) replaced the CERCLIS NFRAP reporting system in 2015. This listing reflects sites at which the EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 11/26/19

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

USUMTRCA Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

DOD Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS Formerly Used Defense Sites

VERSION DATE: 12/31/18

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. DISCLAIMER: This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to

insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 12/30/19

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPL National Priorities List

VERSION DATE: 01/27/20

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 01/27/20

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 12/30/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

RCRASUBC Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 12/30/19

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RODS Record of Decision System

VERSION DATE: 01/27/20

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

CDL Clandestine Drug Labs

VERSION DATE: 12/31/18

The California Department of Toxic Substance Control (DTSC) maintains this listing of illegal drug laboratories. DTSC maintains a limited cost-tracking database to manage and pay appropriate contractor invoices for removal costs. The data source is an expenditure report with the contractors' invoice information and the reported removal action locations. The reported location information may or may not include the actual location of the illegal drug lab for several reasons. First, DTSC receives the location information verbally from law enforcement or local environmental health officials in the initial request for emergency support. Second, DTSC does not verify the information received and does not perform "data cleaning" or other measures to ensure data quality. Third, the location information may not be the actual location of an illegal drug lab or any hazardous substance release to the environment. The initial report may have provided the location of the nearest identifiable address to an illegal drug lab or mobile lab or abandonment of illegal drug lab wastes, or a nearby meeting location for the contractor. Please note the DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed. The listing of an address or location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the address or location either requires or does not require additional cleanup work or mitigation action.

CHMIRS California Hazardous Material Incident Report System

VERSION DATE: 12/24/19

The California Hazardous Material Incident Report System list is maintained by the California Governor's Office of Emergency Services (OES). This list contains all spills called in to the California OES Warning Center for a specific year since 1993.

DTSCDR DTSC Deed Restrictions

VERSION DATE: 12/25/19

The California Department of Toxic Substances Control (DTSC) maintains this listi of sites with deed restrictions. According to the DTSC, restricted land use indicates whether the site or area within the site has an environmental restriction recorded and/or other institutional control preventing certain types of land use or activities. The land use restrictions listed under the site management requirements are only an abbreviated summary of the land use restrictions, and may not encompass all restrictions and notification requirements placed on a property. For complete land use restriction information please contact the DTSC to review associated Land Use Restriction documents.

EMI Emissions Inventory Data

VERSION DATE: 12/31/17

This list of Emissions Inventory Data is maintained by the California Environmental Protection Agency California Environmental Agency Air Resources Board. This list includes criteria pollutant data and toxic data. Please note gas stations, print shops, autobody shops, and dry cleaners are not included in this list.

HWTS Hazardous Waste Tanner Summary

VERSION DATE: 12/31/17

The Hazardous Waste Tanner Summary is maintained by the California Department of Toxic Substances Control (DTSC). This list includes data extracted from the copies of hazardous waste manifests received each year by the DTSC.

LDS Land Disposal Sites

VERSION DATE: 01/02/20

This list of Land Disposal sites (Landfills) is a subset of the GeoTracker Cleanup Sites database, maintained by the California State Water Resources Control Board. Sites are queried from GeoTracker by case type = Land Disposal Site.

LIENS Recorded Environmental Cleanup Liens

VERSION DATE: 11/18/19

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

MCS Military Cleanup Sites

VERSION DATE: 01/02/20

This list of Military sites is a subset of the GeoTracker Cleanup Sites database maintained by the California State Water Resources Control Board. Sites are queried from GeoTracker by case type = Military Cleanup Sites. This list includes : Military UST sites; Military Privatized sites; and Military Cleanup sites (formerly known as DoD non UST).

NPDES National Pollutant Discharge Elimination System Facilities

VERSION DATE: 02/19/20

This list of active, historical, and terminated National Pollutant Discharge Elimination System Facilities permits is maintained by the California Environmental Protection Agency State Water Resources Control Board. This data includes storm water general permit enrollees that are active or have been active within the past three years. Please note there can be multiple listings for a single permit due to multiple dischargers, multiple facilities, and/or multiple address listings. Please use the Regulatory Measure ID to identify duplicates, as this is a unique identifier for each permit.

ABST Above Ground Storage Tanks

VERSION DATE: 03/02/20

This database, provided by the California Environmental Protection Agency's (CalEPA) Regulated Site Portal, contains aboveground petroleum storage tank facilities originating from the California Environmental Reporting System (CERS). These facilities store petroleum in aboveground storage tanks with oversight by local agencies. As of January 1, 2008, Assembly Bill No. 1130 of the Aboveground Petroleum Storage Act (APSA) authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. CalEPA Data Disclaimer: Information displayed in the portal is collected from separate agency databases and displayed unaltered. Information that is considered confidential, trade secret, or is otherwise protected by the agency that manages the database is not loaded into the portal. For more detail about information displayed in the portal, please visit the data source sites. Please refer to AST2007 database for aboveground storage tank information obtained from the California State Water Resources Control Board prior to 2008 APSA requirements.

AST2007 Aboveground Storage Tanks Prior to January 2008

VERSION DATE: 12/01/07

This database contains aboveground storage tank facilities registered with the California State Water Resources Control Board (SWRCB) between 2007 and 2003. Since 2006, tanks were required to contain a minimum (even as cumulative) of 1320 gallons to be in the program. As of January 1, 2008, the SWRCB no longer maintains a list of registered aboveground storage tanks, due to effective Assembly Bill No. 1130 (Laird) of the Aboveground Petroleum Storage Act (APSA). This Bill authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. Please refer to ABST database as a current source for aboveground petroleum storage tank data.

CLEANER Dry Cleaner Facilities

VERSION DATE: 06/13/19

This list of dry cleaners is maintained by the California Department of Toxic Substances Control (DTSC). Data is extracted from the DTSC Hazardous Waste Tracking System. This list includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized by SIC codes (7211, 7212, 7213, 7215, 7216, 7217, 7218, 7219). This database may also include facilities other than dry cleaners who also register with these same NAICS Codes. Not all companies report their NAICS/SIC Codes to the DTSC, therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

DTSCHWT DTSC Registered Hazardous Waste Transporters

VERSION DATE: 01/26/20

The California Department of Toxic Substances Control maintains this list of Registered Hazardous Waste Transporters.

HISTUST Historical Underground Storage Tanks

VERSION DATE: 12/31/87

The Hazardous Substance Storage Container Database is a historical list of Underground Storage Tank sites,

compiled from tank survey and registration information collected at one time between 1984 and 1987 by the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials.

MINES Mines Listing

VERSION DATE: 01/20/20

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

MWMP California Medical Waste Management Program Facility List

VERSION DATE: 10/04/19

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

SLIC Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 02/12/20

This list of Spills, Leaks, Investigation & Cleanup Recovery sites is maintained by the California Regional Water Quality Control Board (RWQCB). This list all "non-federally owned" sites that are regulated under the State Water Resources Control Board's Site Cleanup Program and/or similar programs conducted by each of the nine Regional Water Quality Control Boards. Cleanup Program Sites are also commonly referred to as "Site Cleanup Program sites". Cleanup Program Sites are varied and include but are not limited to pesticide and fertilizer facilities, rail yards, ports, equipment supply facilities, metals facilities, industrial manufacturing and maintenance sites, dry cleaners, bulk transfer facilities, refineries, mine sites, landfills, RCRA/CERCLA cleanups, and some brownfields. Unauthorized releases detected at Cleanup Program Sites are highly variable and include but are not limited to hydrocarbon solvents, pesticides, perchlorate, nitrate, heavy metals, and petroleum constituents, to name a few.

SWEEPS Statewide Environmental Evaluation and Planning System

VERSION DATE: 10/01/94

The Statewide Environmental Evaluation and Planning System (SWEEPS) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials. Refer to CUPA listing for source of current data.

USTCUPA Underground Storage Tanks

VERSION DATE: 01/15/20

The California State Water Resources Control Board maintains this list of permitted underground storage tanks. Permitted Underground Storage Tank (UST) Facilities includes facilities at which the owner or operator has been issued a permit to operate one or more USTs by the local permitting agency. Permitted UST Facilities are imported weekly from the California Environmental Reporting System (CERS).

BF Brownfield Sites

VERSION DATE: 02/18/20

This database of Brownfield Memorandum of Agreement (MOA) sites is maintained by the California Environmental Protection Agency. The California Department of Toxic Substances Control (CTSC), the State Water Resources Control Board, and the Regional Water Quality Control Boards (RWQCBs) agreed to a Brownfield Memorandum of Agreement (MOA). The MOA limits the oversight of a brownfields site to one agency, establishes procedures and guidelines for identifying the lead agency, calls for a single uniform site assessment procedure, requires all cleanups to address the requirements of the agencies, defines roles and responsibilities, provides for ample opportunity for public involvement, commits agencies to review time frames, and commits agencies to coordinate and communicate on brownfields issues. The Brownfield MOA site list is obtained from the State Water Resources Control Board GeoTracker online database. This list contains both open and completed sites.

CALSITES CALSITES Database

VERSION DATE: 05/01/04

This historical database was maintained by the Department of Toxic Substance Control for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

CLEANUPSITES GeoTracker Cleanup Sites

VERSION DATE: 01/02/20

This list of GeoTracker Cleanup Sites is maintained by the California State Water Resources Control Board. The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including sites that require cleanup, such as Leaking Underground Storage Tank Sites, Department of Defense Sites, and Cleanup Program Sites. GeoTracker also contains records for various unregulated projects as well as permitted facilities including: Irrigated Lands, Oil and Gas production, operating Permitted USTs, and Land Disposal Sites. GeoTracker portals retrieve records and view integrated data sets from multiple State Water

Board programs and other agencies.

CORTESE Cortese List

VERSION DATE: 01/13/20

This list of hazardous waste and substances sites (Cortese List) is maintained by the California Department of Toxic Substances Control (DTSC). DTSC's Brownfields and Environmental Restoration Program (Cleanup Program) EnviroStor database provides DTSC's component of Cortese List data by identifying Annual Workplan (now referred to State Response and/or Federal Superfund), and Backlog sites listed under Health and Safety Code section 25356. In addition, DTSC's Cortese List includes Certified with Operation and Maintenance sites. The list, or a site's presence on the list, has bearing on the local permitting process as well as on compliance with the California Environmental Quality Act (CEQA). Because this statute was enacted over twenty years ago, some of the provisions refer to agency activities that were conducted many years ago and are no longer being implemented and, in some cases, the information to be included in the Cortese List does not exist.

DROP Listing of Certified Dropoff, Collection, and Community Service Programs

VERSION DATE: 12/29/19

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

ERAP Expedited Removal Action Program Sites

VERSION DATE: 01/09/20

This list of Expedited Removal Action Program Sites is a subset of the EnviroStor database, maintained by the California Department of the Toxic Substance Control. Sites are queried from Envirostor by site type = State Response ERAP.

HISTCORTESE Historical Cortese List

VERSION DATE: 11/02/02

This historical listing includes hazardous waste and substances sites designated by the State Water Resources Control Board, the Integrated Waste Board, and the Department of Toxic Substance Control. The Cortese List was utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. See CACORTESE for an updated version of this database.

LUST Leaking Underground Storage Tanks

VERSION DATE: 01/02/20

This list of leaking underground storage tanks is a subset of the GeoTracker Cleanup Sites database maintained

by the California State Water Resources Control Board. Sites are queried from GeoTracker by case type = LUST Cleanup Site.

NFA No Further Action Determination

VERSION DATE: 09/09/19

This list of No Further Action (NFA) sites is maintained by the California Department of Toxic Substances Control. NFA identifies sites where a Phase I Environmental Assessment was completed and resulted in a no action required determination. Please refer to ENVIROSTOR for current No Further Action sites.

NFE Sites Needing Further Evaluation

VERSION DATE: 03/03/20

This list of Inactive - Needs Evaluation sites is maintained by the California Department of Toxic Substances Control. These are unconfirmed contaminated properties that need further assessment. This data is queried from the Department of Toxic Substances Control Evirostor online database.

PROC Listing of Certified Processors

VERSION DATE: 02/03/20

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

REF Referred to Another Local or State Agency

VERSION DATE: 03/06/20

This Referred to Another Local or State Agency list, maintained by the California Department of Toxic Substances Control (DTSC), contains properties where contamination has not been confirmed and which were determined as not requiring direct Department of Toxic Substance Control Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency. This data is extracted from the DTSC Envirostor online database and is queried by Status = "Refer state and local agencies".

SWIS Solid Waste Information System Sites

VERSION DATE: 12/30/19

This list of Solid Waste Information System Sites is extracted from the Solid Waste Information System (SWIS) database, maintained by the California Department of Resources Recycling and Recovery. The SWIS database includes information on solid waste facilities, operations, and disposal sites located in California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

SWRCY Recycling Centers

VERSION DATE: 02/05/20

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

VCP Voluntary Cleanup Program

VERSION DATE: 01/09/20

This list of Voluntary Cleanup Sites is a subset of the Envirostor database maintained by the California Department of Toxic Substance Control. Sites are queried from Envirostor by site type = Voluntary Cleanup.

WMUDS Waste Management Unit Database

VERSION DATE: 01/01/00

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

ENVIROSTOR EnviroStor Cleanup Sites

VERSION DATE: 01/09/20

This list of Envirostor Cleanup Sites is maintained by the California Department of Toxic Substances Control (DTSC). DTSC has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database of cleanup sites contains the following: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

ENVIROSTORPCA EnviroStor Permitted and Corrective Action Sites

VERSION DATE: 01/16/20

The California Department of Toxic Substance Control maintains this list of Hazardous Waste sites in their Envirostor online database. This list contains: 1) data pertaining to the Hazardous Waste Sites tracked in Envirostor; 2) the completed activities for Hazardous Waste Units; 3) the completed activities for Hazardous Waste Units undergoing closure; 4) completed maintenance activities; 5) the various "aliases" for a project (Some examples are: alt project name, alt address, EPA ID, etc.).

TOXPITS Toxic Pits Cleanup Act Sites

VERSION DATE: 07/01/95

Toxic Pits are sites with possible contamination of hazardous substances where cleanup is necessary. This listing is no longer updated by the State Water Resources Control Board.

Environmental Records Definitions - LOCAL

YCUST Yolo County Underground Storage Tanks

VERSION DATE: 10/31/19

This list of active and inactive underground storage tanks in Yolo County is maintained by the Yolo County Environmental Health Department. The Yolo County Environmental Health Department regulates the construction, operation, repair and removal of underground storage tank systems throughout Yolo County.

YCLST Yolo County Leaking Storage Tanks

VERSION DATE: 04/16/08

This list of Leaking Underground Storage Tanks in Yolo County is maintained by the Yolo County Environmental Health Division and the Central Valley Regional Water Quality Control Board. Data from April 2008 was maintained by Yolo County Environmental Health Department and is still available for review, but leaky storage tanks have since been transferred to the State Water Resources Control Board's GeoTracker database system. Please refer to the State CLEANUPSITES and State LUST databases as source of current data for Yolo County Leaking USTs.

Environmental Records Definitions - TRIBAL

USTR09 Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/04/19

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

LUSTR09 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/04/19

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

TORRESDUMPSITES Illegal Dump Sites on the Torres Martinez Reservation

VERSION DATE: 10/29/07

This listing of illegal dump site locations on the Torres Martinez Reservation is maintained by the United States Environmental Protection Agency, Region IX. These dump sites contain unlawfully discarded household waste such as landscaping and wood wastes with no known soil or groundwater contamination. A majority of the sites have already been cleaned up through the collaborative efforts of the EPA, The California Integrated Waste Management Board and the Torres Martinez Tribe.

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

APPENDIX E

Site Photographs

Photo 1. View toward the north.

Photo 2. View toward the north.

Photo 3. Paint, western guardrail.

Photo 4. Viewed from the northeast corner of the bridge.

Photo 5. Property at northeast corner of bridge (APN 037-010-024). Former utility pole in foreground.

Photo 6. Residential property at northwest corner of bridge, 25540 CR 96 (APN 037-010-028).

Photo 7. Residential property at southeast corner of bridge, 25599 CR 96 (APN 037-010-024).

Photo 8. Property at southwest corner of bridge (APN 037-010-028).

APPENDIX F

National Analytical Laboratory, Inc. Report
Date: April 16, 2020

Asbestos Bridge Inspection/Survey

Bridge Replacement over Dry Slough
38.5679°N,121.8403°W

County Road 96
Yolo County, CA

Presented to:

Julie Price

Crawford & Associates
1165 Scenic Drive, Suite B
Modesto, CA 95350

Inspection Date:

April 16, 2020

Conducted by:

Roland Plumb
Certified Asbestos Consultant

National Analytical Laboratories, Inc.
2201 Francisco Dr. Ste.140-261
El Dorado Hills, CA 95762
Office: (916) 361-0555 | Fax: (916) 361-0540
E-Mail: NAL1@NAL1.com | Web Page: www.NAL1.com

April 22, 2020

Julie Price
Crawford & Associates
1165 Scenic Drive, Suite B
Modesto, CA 95350

RE: Asbestos Bridge Inspection/Survey –
Bridge Replacement: over Dry Slough
38.5679°N, 121.8403°W
County Road 96
Yolo County, CA

Dear Ms. Price,

This report is in regards to the asbestos bridge inspection conducted at the above location. Of the six (6) suspected asbestos containing samples collected, none (0) were found to contain asbestos. Roland Plumb, Certified Asbestos Consultant for National Analytical Laboratories, Inc. (N.A.L.), conducted the inspection on April 20, 2020.

SUMMARY OF FINDINGS -

The bridge inspection and analytical results indicate that no Asbestos is present in the area that is being renovated.

ASBESTOS INSPECTION –

The inspection was completed according to the EPA's Asbestos Containing Building Materials (ACBM) In-Schools Rule; 40 CFR 763.85 (Inspection and Re-Inspection). Currently, EPA regulations classify ACBM as materials containing more than 1-percent (1%) of asbestos. Cal-OSHA currently regulates asbestos to 1/10th of 1% (0.1%) and requires that a certified asbestos worker conduct this work.

Upon completion of the visual inspection, the suspect asbestos bulk sample materials were collected in accordance with EPA and Cal-OSHA protocol. They were placed into new, airtight, plastic bags, sealed, and identified with unique identification numbers. The bulk samples were transported to the laboratory under the chain of custody protocol for analysis.

Although minor destructive sampling was conducted during the site visit, in the event that demolition work reveals any unforeseen suspect materials or if any future renovation work is to be conducted in other areas at the site; the contractor shall cease all work and contact the contractor for further testing.

EMSL Analytical, Inc. (EMSL) in Carle Place, New York, analyzed the bulk suspect asbestos containing samples utilizing the Polarized Light Microscopy (PLM) Method. National Voluntary Laboratory Accreditation Program (NVLAP) Certification #10148-10 and California Environmental Laboratory Accreditation Program (CAELAP) Certification #2339, certifies EMSL.

The location and results from this sampling are as follows:

Sample ID#	Material	Location	Results
96-01	White Coating	South West Corner (~400 sf)	None Detected
96-02	White Coating	North East Corner	None Detected
96-03	White Coating	South East Cornier	None Detected
96-04	Concrete	East Side, Rail System, Multi Hit Composite	None Detected
96-05	Concrete	North West Side, Abutment System, Multi Hit Composite	None Detected
96-06	Concrete	East Side, Under Bridge Beam Support System, Multi Hit Composite	None Detected

Sf=Square Feet

ASBESTOS CONCLUSION -

No asbestos was detected in the above listed samples/materials, therefore, the contractor, his employees and/or his sub-contractors, can complete their work, in the specific areas tested, without any health or safety concerns in regards to the exposure of airborne asbestos fibers.

Included at the end of this report are the laboratory analytical results, chain of custody form(s) and site map. If you have any questions regarding this report or if we can be of further assistance, please contact our office.

Conducted, reviewed and submitted by:

Roland Plumb
Certified Asbestos Consultant
DOSH# 18-6416

EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514

Tel/Fax: (516) 997-7251 / (516) 997-7528

http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order:	062006474
Customer ID:	NAL51
Customer PO:	
Project ID:	

Attention:	Paula Lee	**Phone:**	(916) 361-0555
	National Analytical Laboratories (NAL)	**Fax:**	(916) 361-0540
	2201 Francisco Dr.	**Received Date:**	04/17/2020 9:55 AM
	Ste. 140-261	**Analysis Date:**	04/17/2020
	El Dorado Hills, CA 95762	**Collected Date:**	04/16/2020

Project: County Road 96 CR 96): Bridge Replacement over Dry Slough, Yolo County, KS 10371, Login #42748

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
96-01 *062006474-0001*	South West Corner - White Coating	Gray/White Non-Fibrous Heterogeneous		25% Ca Carbonate 75% Non-fibrous (Other)	None Detected
96-02 *062006474-0002*	North East Corner - White Coating	Gray/White Non-Fibrous Heterogeneous		35% Ca Carbonate 65% Non-fibrous (Other)	None Detected
96-03 *062006474-0003*	South East Corner - White Coating	Gray/White Non-Fibrous Heterogeneous		35% Ca Carbonate 65% Non-fibrous (Other)	None Detected

Analyst(s)

Steve Jusczuk (3)

Daniel Clarke, Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NVLAP Lab Code 101048-10, CA ELAP 2339, NYS ELAP 11469

Initial report from: 04/17/2020 14:55:48

OrderID: 062006474

NAL LOG-IN RECORD

Login # 42748

Ph: 916.361.0555 Fx: 916.361.0540

National Analytical Laboratories, Inc.

Job Site/Job #:

Client#-Lot# 4734 / 55

Crawford & Associates

Phone Number

FAX Number

Contact Julie Price

E-Mail Address

County Road 96 (CR 96):
Bridge Replacement over Dry Slough, Yolo County

KS 10371

Date 4/14/2020

Sampling Date: 4/16/2020

Sampling Time 12:00:00 PM

Type Of Work: PLM-BI

No. of Samples 3

Turnaround: 6 hours

Num.	Sample ID#	Location/Description
1	96-01	South West Corner / White Coating
2	96-02	North East Corner / White Coating
3	96-03	South East Cornier / White Coating

*IF RESULTS ARE LESS THAN 1%, PLEASE 400 POINT COUNT

062006474

RECEIVED
EMSL ANALYTICAL, INC.
CARLE PLACE, NY
20 APR 17 AM 9:55

Chain of Custody Information

Released By Signature	Date/ Time	Received By Signature	Date/ Time	
R Plumb	4/16/20	Michelle DeWitt	4/17/20	Due: 955 AM
Released By Signature	Date/ Time	Received By Signature	Date/ Time	At:

4/17/20 2:24

EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514

Tel/Fax: (516) 997-7251 / (516) 997-7528

http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order:	062006520
Customer ID:	NAL51
Customer PO:	
Project ID:	

Attention:	Paula Lee	**Phone:**	(916) 361-0555
	National Analytical Laboratories (NAL)	**Fax:**	(916) 361-0540
	2201 Francisco Dr.	**Received Date:**	04/21/2020 10:20 AM
	Ste. 140-261	**Analysis Date:**	04/21/2020
	El Dorado Hills, CA 95762	**Collected Date:**	04/16/2020
Project:	County Road 96 (CR 96): Bridge Replacement over Dry Slough, Yolo County		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
96-04 *062006520-0001*	East Side/Side Rail Concrete	Gray Non-Fibrous Homogeneous	1% Cellulose	49% Quartz 30% Ca Carbonate 20% Gypsum	None Detected
96-05 *062006520-0002*	North West Side/Abutment Concrete	Gray Non-Fibrous Homogeneous	2% Cellulose	55% Quartz 32% Ca Carbonate 10% Gypsum 1% Non-fibrous (Other)	None Detected
96-06 *062006520-0003*	East Side/Beam Under Bridge Concrete	Gray Non-Fibrous Homogeneous	5% Cellulose	53% Quartz 19% Ca Carbonate 23% Gypsum	None Detected

Analyst(s)

Omatie Ramrattan-Scarallo (3)

Daniel Clarke, Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NVLAP Lab Code 101048-10, CA ELAP 2339, NYS ELAP 11469

Initial report from: 04/21/2020 13:45:55

OrderID: 062006520

N·A·L ENVIRONMENTAL TESTING & CONSULTING

NAL LOG-IN RECORD

Login # 42748

Ph: 916.361.0555 Fx: 916.361.0540

National Analytical Laboratories, Inc.

Job Site/Job #:

Client#-Lot#	4734 / 55
Crawford & Associates	
Phone Number	
FAX Number	
Contact	Julie Price
E-Mail Address	

County Road 96 (CR 96):
Bridge Replacement over Dry Slough, Yolo County

KS 10371

Date	4/14/2020
Sampling Date:	4/16/2020
Sampling Time	12:00:00 PM
Type Of Work:	PLM-BI
No. of Samples	6
Turnaround:	6 hours

Num.	Sample ID#	Location/Description
1	96-04	East Side / Side Rail Concrete
2	96-05	North West Side / Abutment Concrete
3	96-06	East Side / Beam Under Bridge Concrete

*IF RESULTS ARE LESS THAN 1%, PLEASE 400 POINT COUNT (OR)

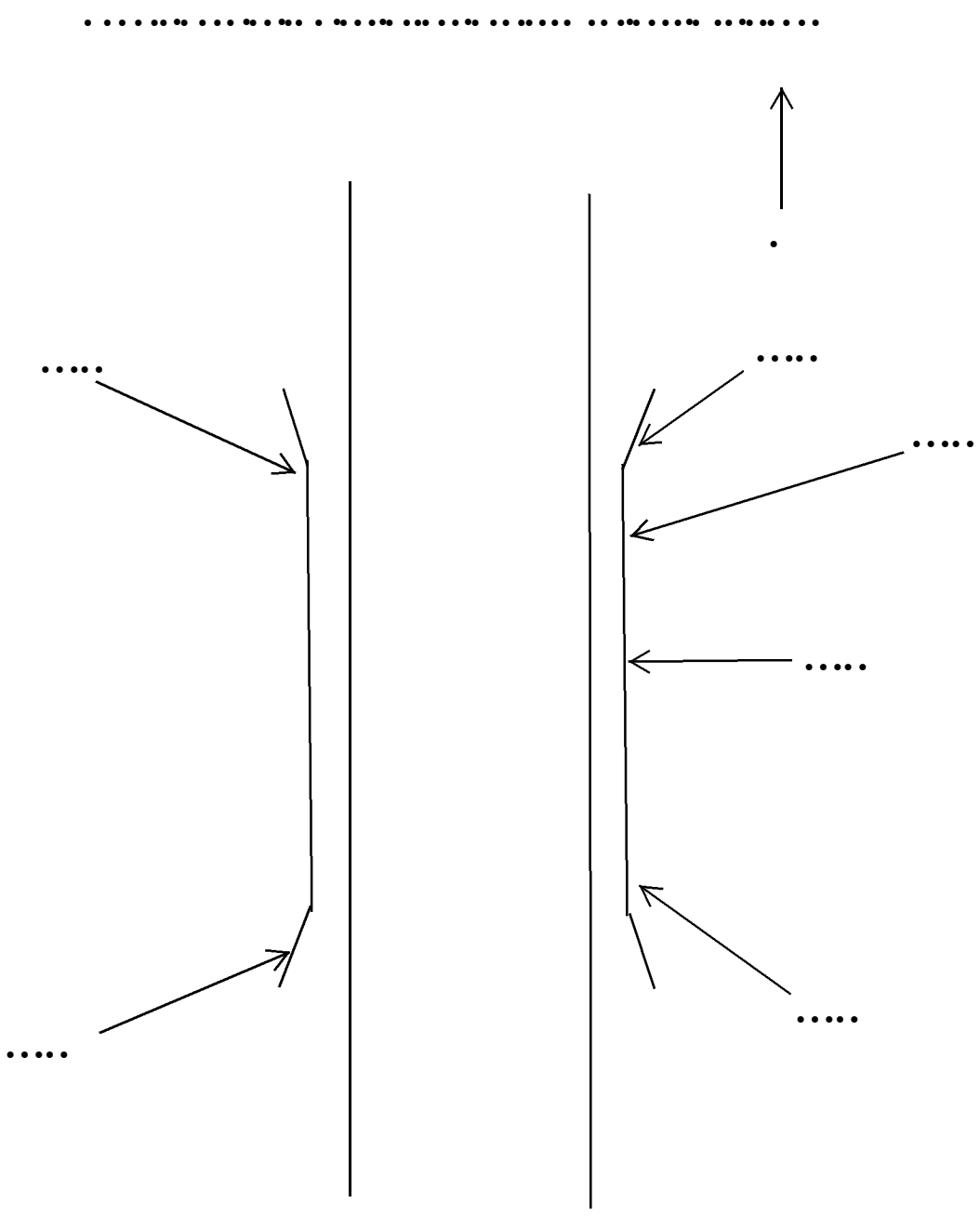
062006520

RECEIVED
EMSL-ANALYTICAL, INC.
CARLE PLACE, NY
20 APR 21 AM 10:20

Chain of Custody Information

Released By Signature	Date/ Time	Received By Signature	Date/ Time	
R Plumb	4/20/20		4-21-2020	Due: 0200
Released By Signature	Date/ Time	Received By Signature	Date/ Time	At:

Annette Ramallo 4/21/20



ASBESTOS SAMPLE LOCATION MAP	**Site Name:** Co. Rd. 96 Bridge over Dry Slough	**Project #:** 10371	
Survey Date: 04/16/20	**Site Address:**	**Scale:** Not to scale	
Area: Bridge	Latitude 38.5679'N Longitude 121.8403'W	Layout and sample locations are approximated. **Legend:** - Non-ACCM Samples + ACCM Samples	N·A·L

Yolo-Solano Air Quality Management District
1947 Galileo Court, Suite 103; Davis, CA 95618

ASBESTOS DEMOLITION AND RENOVATION NOTIFICATION FORM

District Assigned Notification #

SEND WITH CHECK, MONEY ORDER TO THE ADDRESS LISTED ABOVE, OR PAY BY CREDIT CARD AT YSAQMD.ORG/PAYMENTS. If paying by credit card (service fees apply) you may send completed form to payments@ysaqmd.org or fax to (530) 757-3670. If a 10 working day wait period applies, the wait period does not begin until both payment confirmation and the notification form is received by the District. Fee table is included in the instructions.

1. APPLICATION TYPE
Check the type of project

- [x] Renovation (10 working day waiting period)
- [ ] Demolition (10 working day waiting period
- [ ] Emergency Renovation (see below)
- [ ] Emergency/Ordered Demolition (see below)
- [ ] Demolition: Fire Training Exercise

Check if this a revised notification: [ ] Original Notification. No.: _____ Date Submitted: _____

2. OWNER INFORMATION

Name _____

Address _____ City, State, Zip _____

Contact Name _____ Phone _____ Email _____

3. CONTRACTOR INFORMATION

Name _____ Building Permit No. _____

Address _____ City, State, Zip _____

Contact Name _____ Phone _____ Email _____

4. FACILITY INFORMATION

Facility/Structure Name Bridge No. of Floors ____

Description Bridge Replacement

Address ± latitude 38.5679°N and longitude 121.8403°W City _____ Zip ____

Site Contact _____ Phone _____ Email _____

5. CERTIFIED ASBESTOS CONSULTANT (CAC) PERFORMING SURVEY

Name Ron Plumb DOSH No. 18-6416

Address 2201 Francisco Drive, Suite 140-261 City, State, Zip El Dorado Hills, CA 95672

Contact Name Terrena Tilford Phone (916) 361-0555 Email terrena@nai1.com

6. ASBESTOS ABATEMENT CONTRACTOR INFORMATION

Name _____ DOSH No. _____

Address _____ City, State, Zip _____

Contact Name _____ Phone _____ Email _____

7. PROJECT INFORMATION

Is asbestos present? YES [ ] NO [X] If so, a copy of your survey must be attached to this form.

Abatement Dates _____ to _____ Factor in the 10 working day waiting period.

Renovation/Demolition Dates _____ to _____ Factor in the 10 working day waiting period.

RACM To Be Removed | Describe and include the amount

_____

Removal Method

_____

Non-RACM To Be Removed | Describe and include the amount

Category I _____

Category II _____

Removal Method

_____

_____

8. WASTE DISPOSAL INFORMATION

Transporter Name _____

Address _____ City, State, Zip _____

EPA ID No. _____ Phone _____

Disposal Site _____ Phone _____

Address _____ City, State, Zip _____

9. EMERGENCY RENOVATION OR DEMOLITION

Complete only if seeking waiting period waiver due to emergency.

Describe the emergency: _____

_____

_____

Emergency Date _____ Time _____

10. ORDERED DEMOLITION

Complete only if seeking waiting period waiver due to an ordered demolition.

Agency ordering demolition: _____ Date of Order _____

Contact Name _____ Title _____ Phone _____

11. I certify that an individual trained in the provisions of this Regulation (40 CFR Part 61, Subpart M) and familiar with District Rule 9.9 will be on site during the abatement process associated with this demolition/renovation notification, and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. If paying by credit card signed application may be transmitted by facsimile (fax) or electronic mail (email), and any such signature shall have the same legal effect as an original.

_____ _____

Signature of Owner/Contractor Date

12. MUST BE SIGNED

I certify that the above information is correct. If paying by credit card signed application may be transmitted by facsimile (fax) or electronic mail (email), and any such signature shall have the same legal effect as an original.

_____ _____

Signature of Owner/Contractor Date

13. The District will provide notification on the start of the 10-day waiting period, if applicable.

How do you prefer to be notified? EMAIL ☐ FAX ☐ TO: _____

Email address or fax number

DISTRICT USE ONLY:

Payment Amt. _____ (check, credit card) Your Initials_____

_____ Notes:_____

Project No._____ Date Approved_____ Initials_____

Date Notified Applicant (10-day)_____ Initials_____/Entered Database___Initials___Scan___Initials

APPENDIX G

BC Laboratories, Inc. Report
Date: May 11, 2020

Date of Report: 05/11/2020

Steve Carter

Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Client Project:	18-474.2 CR96 at Dry Slough
BCL Project:	Soil Samples
BCL Work Order:	2011510
Invoice ID:	B379638

Enclosed are the results of analyses for samples received by the laboratory on 4/17/2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Felicia Johnson
Client Service Rep

Stuart Buttram
Technical Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form 3
Laboratory / Client Sample Cross Reference 5

Sample Results

2011510-01 - BR1

WET Test (STLC) 6

Quality Control Reports

WET Test (STLC)

Method Blank Analysis 7
Laboratory Control Sample 8
Precision and Accuracy 9

Notes

Notes and Definitions 10

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All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

20-1510

Chain of Custody

* Required Fields

TEMP: ____

Client/Company Name *:	Report Attention *:	Phone * #:	FAX * #:
Crawford & Assoc. Inc.	Steve Carter	916-813-3778	
		E-mail: steve.carter@crawford-inc.com	

Address *: 1100 Corporate Way #230 City *: Sacramento State *: CA Zip *: 95831

Project Information: 18-474.2 CR96 at Dry Slough PO #: BCL Quote #:

How would you like your completed results sent? ☑ E-Mail ☐ Fax ☐ EDD ☐ Mail Only

Sampler Name Printed / Signature: Steve Carter [signature]

QC Request: ☑ STD ☐ Level II

Result Request ** Surcharge: ☑ STD ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**

Carbon Copies: CDHS ☐ Fresno Co ☐ EPA ☐ Merced Co ☐ Tulare Co ☐ Other:

Regulatory Compliance Electronic Data Transfer: Y ☐ N ☐ System No. *

Matrix Types: RSW = Raw Surface Water, RGW = Raw Ground Water, CFW = Chlorinated Finished Water, FW = Finished Water, CWW = Chlorinated Waste Water, WW = Waste Water, SW = Storm Water, BW = Bottled Water, DW = Drinking Water, SO = Solid

ANALYSIS REQUESTED

Sample #	# Bottles	Sampled Date	Sampled Time	Sample Description / Location *	Matrix *	Comments / Station Code	WET lead	TCLP lead							
-1		4/15/20	11:15	BR1	SO		☑	☑	☐	☐	☐	☐	☐	☐	☐

CHK BY [initials] DISTRIBUTION [initials] SUB OUT ☐

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by (Signature and Print Name)	Company
Steve Carter [signature]	CAInc	4/15/20	1800	[signature] Marah Caculba	CAInc
[signature] Marah Caculba	CAInc	4/16/20	0858	[signature] / BENSON	BC LABS
Received for Lab by: (Signature and Printed Name) [signature] T Jackson		4-17-20	900	Payment Received at Delivery: Date: Amount: Check/Cash/Card PIA # Init.	

Shipping Method: CAO UPS GSO WALK-IN SJVC FED EX OTHER

Cooling Method: WET BLUE NONE

Packing Material:

RGL: Bill Benson / BENSON 4-16-2020 0930
~~Rec @ PSCL 4~~ TWJ 4-17

Chain of Custody and Cooler Receipt Form for 2011510 Page 2 of 2

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 1

Submission #: 20-11510

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☐ Other ☒ (Specify) GLS

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify)

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☒ Other ☐ Comments: NO IC

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 97 Container: glass Thermometer ID: 274

Temperature: (A) 19.1 °C / (C) 18.9 °C 4/17/20 VMB

Date/Time 4-17-20 0900

Analyst Init TKJ

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A									
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: JM Date/Time: 4/17/20 1900

A = Actual / C = Corrected

Rev 21 05/23/2016

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/11/2020 10:45
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2011510-01	**COC Number:**	---	**Receive Date:**	04/17/2020 09:00
	Project Number:	---	**Sampling Date:**	04/15/2020 11:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	BR1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/11/2020 10:45
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

WET Test (STLC)

BCL Sample ID: 2011510-01 | **Client Sample Name:** BR1, 4/15/2020 11:15:00AM

Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run #
Lead	**1.2**	**mg/L**	**0.50**	**0.16**	**EPA-6010B**	5.0		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/22/20 09:30	04/22/20 19:15	KDF	PE-OP4	1	B076141	EPA 3005A

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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/11/2020 10:45
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B076141						
Lead	B076141-BLK1	ND	mg/L	0.50	0.16	

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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/11/2020 10:45
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B076141										
Lead	B076141-BS1	LCS	18.391	20.000	mg/L	92.0		85 - 115		

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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/11/2020 10:45
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

WET Test (STLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B076141	Used client sample: N										
Lead	DUP	2010437-03	ND	ND		mg/L			20		
	MS	2010437-03	ND	17.833	20.408	mg/L		87.4		75 - 125	
	MSD	2010437-03	ND	19.192	20.408	mg/L	7.3	94.0	20	75 - 125	

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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/11/2020 10:45
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit

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Date of Report: 05/19/2020

Steve Carter

Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Client Project:	18-474.2 CR96 at Dry Slough
BCL Project:	Soil Samples
BCL Work Order:	2010067
Invoice ID:	B377089, B380369

Enclosed are the results of analyses for samples received by the laboratory on 4/7/2020. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001021646

Sincerely,

Contact Person: Felicia Johnson
Client Service Rep

Stuart Buttram
Technical Director

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Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form 3
Laboratory / Client Sample Cross Reference 7

Sample Results

2010067-01 - ADL1A
Total Concentrations (TTLC) 9
2010067-02 - ADL1B
Total Concentrations (TTLC) 10
2010067-03 - ADL1C
Total Concentrations (TTLC) 11
2010067-04 - ADL2A
Total Concentrations (TTLC) 12
2010067-05 - ADL2B
Chemical Analysis 13
Total Concentrations (TTLC) 14
2010067-06 - ADL2C
Total Concentrations (TTLC) 15
2010067-07 - ADL3A
Total Concentrations (TTLC) 16
2010067-08 - ADL3B
Total Concentrations (TTLC) 17
2010067-09 - ADL3C
Total Concentrations (TTLC) 18
2010067-10 - ADL4A
Total Concentrations (TTLC) 19
2010067-11 - ADL4B
Total Concentrations (TTLC) 20
2010067-12 - ADL4C
Total Concentrations (TTLC) 21
2010067-13 - RD1
Total Concentrations (TTLC) 22
2010067-14 - BR1
Total Concentrations (TTLC) 23

Quality Control Reports

Chemical Analysis
Method Blank Analysis 24
Laboratory Control Sample 25
Precision and Accuracy 26
Total Concentrations (TTLC)
Method Blank Analysis 27
Laboratory Control Sample 28
Precision and Accuracy 29

Notes

Notes and Definitions 30

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Chain of Custody and Cooler Receipt Form for 2010067 Page 1 of 4

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

Chain of Custody

* Required Fields 20-10067

TEMP: ______

Client/Company Name *: Crawford & Assoc. Inc.	Report Attention *: Steve Carter	Phone * #: 916-813-3778 FAX * #: E-mail: steve.carter@crawford-inc.com
Address *: 1100 Corporate Way #230	City *: Sacramento State *: CA	Zip *: 95831
Project Information: 18-474.2 CR96 at Dry Slough	PO #: BCL Quote #:	Carbon Copies: CDHS ☐ Fresno Co ☐ EPA ☐ Merced Co ☐ Tulare Co ☐ Other:
How would you like your completed results sent? ☑ E-Mail ☐ Fax ☐ EDD ☐ Mail Only		Regulatory Compliance Electronic Data Transfer: Y☐ N☐ System No. *
Sampler Name Printed / Signature: S Carter	QC Request: ☑ STD ☐ Level II	Result Request ** Surcharge: ☑ STD ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**

Matrix Types: RSW = Raw Surface Water; RGW = Raw Ground Water; CFW = Clorinated Finished Water; FW = Finished Water; CWW = Chlorinated Waste Water; WW = Waste Water; SW = Storm Water; BW = Bottled Water; DW = Drinking Water; SO = Solid

ANALYSIS REQUESTED

Sample #	# Bottles	Sampled Date	Sampled Time	Sample Description / Location *	Matrix *	Comments / Station Code	Total lead	pH
-1		4/3/20		ADL1A	SO	Homogonize each sample before testing	✓	
-2		4/3/20		ADL1B	SO		✓	
-3		4/3/20		ADL1C	SO		✓	
-4		4/3/20		ADL2A	SO		✓	
-5		4/3/20		ADL2B	SO		✓	✓
-6		4/3/20		ALD2C	SO		✓	
-7		4/3/20		ALD3A	SO		✓	
-8		4/3/20		ADL3B	SO		✓	
-9		4/3/20		ADL3C	SO		✓	
-10		4/3/20		ADL4A	SO		✓	
-11		4/3/20		ADL4B	SO		✓	

CHK BY [initials] DISTRIBUTION [MVAY] SUB OUT ☐

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by (Signature and Print Name)	Company
S Carter	CAInc	4/4/20	1530	[signature]	CA Inc
[signature]	CAInc	4/6/20	9:00	Bill Benson / Benson	BC LABS

Received for Lab by: (Signature and Printed Name)	Date	Time	Payment Received at Delivery:
Kristin Gamber	4/7	0915	Date: Amount: Check/Cash/Card PIA # Init.

Shipping Method: CAO UPS GSO WALK-IN SJVC FED EX OTHER
Cooling Method: WET BLUE NONE
Packing Material:

REL: Bill Benson/Benson | BC LABS | 4-6-2020 | 0930 |

SR-FL-0013-00

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

Chain of Custody

* Required Fields 20-10067

TEMP: ______

Client/Company Name *: Crawford & Assoc. Inc.	Report Attention *: Steve Carter	Phone * #916-813-3778 FAX * #: E-mail: steve.carter@crawford-inc.com

Address * 1100 Corporate Way #230 City * Sacramento State * CA Zip * 95831

Project Information: 18-474.1 CR96 at Dry Slough

PO #

BCL Quote #

How would you like your completed results sent? ☑ E-Mail ☐ Fax ☐ EDD ☐ Mail Only

Sampler Name Printed / Signature: S Carter

QC Request: ☑ STD ☐ Level II

Result Request ** Surcharge: ☑ STD ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**

Carbon Copies: CDHS ☐ Fresno Co ☐ EPA ☐ Merced Co ☐ Tulare Co ☐ Other:

Regulatory Compliance
Electronic Data Transfer: Y ☐ N ☐
System No. *

Matrix Types: RSW = Raw Surface Water CFW = Clorinated Finished Water CWW = Chorinated Waste Water BW = Bottled Water
RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

ANALYSIS REQUESTED

Sample #	# Bottles	Sampled Date	Sampled Time	Sample Description / Location *	Matrix *	Comments / Station Code	Total lead	Total Cadmium							
-12		4/3/20		ADL4C	SO	Homogonize before testing	✓								
-13		4/3/20		RD1	SO		✓								
-14		4/3/20		BR1	SO		✓	✓							

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by (Signature and Print Name)	Company
S Carter	CAInc	4/4/20	1530	Marah Gramler	CAInc
Marah Gramler	CAInc.	4/6/20	9:00	Bill Benson / Benson	BC LABS

Received for Lab by: (Signature and Printed Name): Kristin Gaub Date: 4/7 Time: 0905

Payment Received at Delivery: Date: Amount: Check/Cash/Card PIA # Init.

Shipping Method: CAO UPS GSO WALK-IN SJVC FED EX OTHER

Cooling Method: WET BLUE NONE

Packing Material:

RBL: Bill Benson / BENSON | BCLABS | 4·6·2020 | 0930

BR-FL-0012-00

Chain of Custody and Cooler Receipt Form for 2010067 Page 3 of 4

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 2

Submission #: 20-10067

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☐ Other ☑ (Specify) 950

SHIPPING CONTAINER
Ice Chest ☐ None ☐ Box ☑
Other ☐ (Specify)

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☑ Other ☐ Comments: No ice

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: Ziplock Thermometer ID: 274

Temperature: (A) 12.7 °C / (C) 12.7 °C

Date/Time 4/7/20 0905

Analyst Init KJG

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PR UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG	A	A	A	A	A	A	A	A	A	A
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: KJG Date/Time: 4/7/20 1016

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 2010067 Page 4 of 4

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 2

Submission #: 20-10067

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☐ Other ☑ (Specify) 950	Ice Chest ☐ None ☐ Box ☑ Other ☐ (Specify)	YES ☐ NO ☐ W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☑ Other ☐ Comments: NO ICE

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: Ziplock Thermometer ID: 274 Date/Time 4/7/20 0905

Temperature: (A) 12.7 °C / (C) 12.7 °C Analyst Init KJG

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
0z EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
oz / 16oz / 32oz AMBER										
oz / 16oz / 32oz JAR										
OIL SLEEVE										
CB VIAL										
LASTIC BAG	A	A	A	A						
EDLAR BAG										
ERROUS IRON										
NCORE										
MART KIT										
JMMA CANISTER										

Comments:

Sample Numbering Completed By: Date/Time: 4/7/20 1016

A = Actual / C = Corrected

Rev 21 05/23/2016

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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2010067-01	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL1A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-02	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL1B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-03	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL1C	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-04	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL2A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-05	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL2B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-06	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL2C	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-07	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL3A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil

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Crawford & Associates, Inc.
1100 Corporate Way, Suite 230
Sacramento, CA 95831

Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2010067-08	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL3B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-09	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL3C	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-10	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL4A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-11	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL4B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-12	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL4C	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-13	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	RD1	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil
2010067-14	**COC Number:**	---	**Receive Date:**	04/07/2020 09:05
	Project Number:	---	**Sampling Date:**	04/03/2020 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	BR1	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter	**Sample Type:**	Soil

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-01 | **Client Sample Name:** ADL1A, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**34**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:03	JCC	PE-OP4	1	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-02 | **Client Sample Name:** ADL1B, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**7.0**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:12	JCC	PE-OP4	1	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-03 | **Client Sample Name:** ADL1C, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**3.1**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:14	JCC	PE-OP4	0.962	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-04 | **Client Sample Name:** ADL2A, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**30**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:15	JCC	PE-OP4	1	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Chemical Analysis

BCL Sample ID: 2010067-05 | **Client Sample Name:** ADL2B, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
pH	**7.18**	**pH Units**	**0.05**	**0.05**	**EPA-9045D**	ND	**pH1:1**	1
pH Measurement Temperature	**21.1**	**C**	**0.1**	**0.1**	**EPA-9045D**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-9045D	04/13/20 12:00	04/13/20 12:00	RT1	MANUAL	1	B075265	EPA 9045

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-05 | **Client Sample Name:** ADL2B, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**12**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:16	JCC	PE-OP4	0.952	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-06 | **Client Sample Name:** ADL2C, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**5.1**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:17	JCC	PE-OP4	0.962	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-07 | **Client Sample Name:** ADL3A, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**14**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:18	JCC	PE-OP4	0.990	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-08 | **Client Sample Name:** ADL3B, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**12**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:19	JCC	PE-OP4	0.935	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-09 | **Client Sample Name:** ADL3C, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**3.2**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:23	JCC	PE-OP4	1	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-10 | **Client Sample Name:** ADL4A, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**24**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:24	JCC	PE-OP4	0.990	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-11 | **Client Sample Name:** ADL4B, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**3.5**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:26	JCC	PE-OP4	0.980	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-12 | **Client Sample Name:** ADL4C, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	**3.2**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:27	JCC	PE-OP4	0.935	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-13 | **Client Sample Name:** RD1, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Cadmium	ND	mg/kg	2.5	0.26	EPA-6010B	100	A07	1
Lead	**20**	**mg/kg**	**12**	**1.4**	**EPA-6010B**	1000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:28	JCC	PE-OP4	4.854	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 2010067-14 | **Client Sample Name:** BR1, 4/3/2020 12:00:00AM, Steve Carter

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Cadmium	**1.8**	**mg/kg**	**2.5**	**0.26**	**EPA-6010B**	100	**J,A07**	1
Lead	**290**	**mg/kg**	**12**	**1.4**	**EPA-6010B**	1000	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	04/08/20 07:15	04/08/20 14:29	JCC	PE-OP4	4.717	B074856	EPA 3050B

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Chemical Analysis

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B075265						
pH	B075265-BLK1	ND	pH Units	0.05	0.05	
pH Measurement Temperature	B075265-BLK1	ND	C	0.1	0.1	

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Chemical Analysis

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B075265										
pH	B075265-BS1	LCS	4.0320	4.0000	pH Units	101		95 - 105		

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Chemical Analysis

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B075265	Used client sample: Y - Description: ADL2B, 04/03/2020 00:00										
pH	DUP	2010067-05	7.1790	7.1940		pH Units	0.2		20		

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B074856						
Cadmium	B074856-BLK1	ND	mg/kg	0.50	0.052	
Lead	B074856-BLK1	ND	mg/kg	2.5	0.28	

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B074856										
Cadmium	B074856-BS1	LCS	9.1454	10.000	mg/kg	91.5		75 - 125		
Lead	B074856-BS1	LCS	94.408	100.00	mg/kg	94.4		75 - 125		

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B074856	Used client sample: Y - Description: ADL1A, 04/03/2020 00:00										
Cadmium	DUP	2010067-01	0.21898	0.23232		mg/kg	5.9		20		J
	MS	2010067-01	0.21898	8.2523	10.000	mg/kg		80.3		75 - 125	
	MSD	2010067-01	0.21898	8.3890	10.000	mg/kg	1.6	81.7	20	75 - 125	
Lead	DUP	2010067-01	33.894	36.880		mg/kg	8.4		20		
	MS	2010067-01	33.894	109.46	100.00	mg/kg		75.6		75 - 125	
	MSD	2010067-01	33.894	110.43	100.00	mg/kg	0.9	76.5	20	75 - 125	

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Reported: 05/19/2020 15:50
Project: Soil Samples
Project Number: 18-474.2 CR96 at Dry Slough
Project Manager: Steve Carter

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
pH1:1	pH result reported on a 1:1 dilution of sample

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APPENDIX H

Caltrans Unknown Hazards Procedure

Figure 7-1.1. Unknown Hazards Procedure