DRAFT INITIAL SITE ASSESSMENT/PRELIMINARY SITE INVESTIGATION

Washington/Andora Widening Project
Roseville, California

Prepared By:

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
Sacramento | Modesto | Pleasanton | Rocklin | Ukiah

1100 Corporate Way, Suite 230
Sacramento, CA 95831

15 September 2017
Job No. 16-285.1

Prepared For:

MARK THOMAS

7300 Folsom Boulevard, Suite 203
Sacramento, CA 95826

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
Sacramento | Modesto | Pleasanton | Rocklin | Ukiah

Corporate Office: 1100 Corporate Drive, Suite 230 | Sacramento, CA 95831 | (916) 455-4225
Modesto: 1165 Scenic Drive, Suite B | Modesto, CA 95350 | (209) 312-7668
Pleasanton: 6200 Stoneridge Mall Road, Suite 330 | Pleasanton, CA 94588 | (925) 401-3515
Rocklin: 4220 Rocklin Road, Suite 1 | Rocklin, CA 95677 | (916) 455-4225
Ukiah: 100 North Pine Street | Ukiah, CA 95482 | (707) 240-4400

16-285.1
15 September 2017

Mr. Garry Horton, PE
Mark Thomas
7300 Folsom Boulevard, Suite 203
Sacramento, CA 95826

Subject: **DRAFT INITIAL SITE ASSESSMENT/PRELIMINARY SITE ASSESSMENT**
Washington/Andora Widening Project
Roseville, California
Existing Bridge No. 14C-0107

Dear Mr. Horton:

Crawford & Associates, Inc. has prepared this Initial Site Assessment/Preliminary Site Investigation (ISA/PSI) for the Washington/Andora Widening Project in Roseville, California. The purpose of this assessment is to identify and provide a preliminary assessment of the potential impacts of known or potential Recognized Environmental Conditions within the study area that may influence design and construction of the project.

We include an executive summary, property information, records review, reconnaissance, analytical data, findings and recommendations, and limitations in this report.

We appreciate the opportunity to be on your team for the Washington/Andora Widening project. Please call us if you have questions or comments.

Sincerely,

CRAWFORD & ASSOCIATES, INC.

Thomas E. Ballard
P.G. #7299, C.H.G. #961
Hydrogeologist

Stephen J. Carter
P.G. #5577
Senior Geologist

TABLE OF CONTENTS

LIST OF TABLES

APPENDICES

1 EXECUTIVE SUMMARY

Crawford & Associates, Inc. (CAInc) performed an Initial Site Assessment/Preliminary Site Investigation (ISA/PSI) for the Washington/Andora Widening Project in the City of Roseville, Placer County, California. The project involves improvements to Washington Boulevard and replacement of the Union Pacific Rail Road (UPRR) bridge (Andora Underpass). Washington Boulevard will be widened to include two northbound and two southbound lanes; curbs; gutter; sidewalk; curb ramps; Class I bike lanes; striped center median; and drainage system improvements. The planned improvements are not expected to require right of way acquisition.

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

- Historical aerial photographs and topographic maps do not indicate historical land uses at the project site or surrounding properties are likely to have impacted the project alignment.
- The database records search did not identify any Recognized Environmental Conditions (RECs) or historical RECs in the site vicinity that could have potentially impacted the project alignment.
- Reconnaissance of the project alignment did not identify conditions indicating the presence of a Recognized Environmental Condition (REC) that might impact the project.
- Asbestos-containing construction material (ACCM) was not identified in the underpass structure.
- Hazardous levels of lead were identified in soil adjacent to Washington Boulevard, and in paint on the underpass structure.

The project will impact Washington Boulevard, Sawtell Road, Derek Place, Diamond Oaks Road, Emerald Oaks Road, Pleasant Grove Boulevard, the Union Pacific Rail Road (UPRR) underpass, and two watercourses within the Washington Boulevard right-of-way (ROW). The following general hazardous materials or environmental concerns have been evaluated in this assessment. A detailed discussion is provided in Section 5.2.

- ACCM
- Lead-based Paint
- Chemically Treated Wood
- Naturally Occurring Asbestos (NOA)
- Transformers
- Agricultural Chemicals (Pesticides/Herbicides)
- Aerially Deposited Lead (ADL)
- Petroleum Hydrocarbons

Based on our review of the public records, historical aerial photographs, historic topographic maps, and the site reconnaissance performed on 12 May 2017, CAInc makes the following recommendations:

- Further evaluate the extent of hazardous Aerially Deposited Lead (ADL) concentrations within the project alignment.

2 INTRODUCTION

2.1 PURPOSE

The following report summarizes an ISA/PSI performed by CAInc for the Washington/Andora Underpass Widening project in the City of Roseville, Placer County, California. This ISA/PSI was prepared for use by the City of Roseville for this specific project in accordance with the agreement between Mark Thomas (MT) and CAInc. The purpose of this ISA/PSI is to help identify potential or known hazardous materials, hazardous waste, and/or contamination (recognized environmental conditions) within the project alignment. Site maps are provided in Appendix A. Photographs are provided in Appendix B. Selected references are included in Appendices C-G.

We use the term Recognized Environmental Condition (REC) consistent with ASTM E1527-13. ASTM E1527-13 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 SCOPE OF SERVICES

CAInc completed the following tasks to prepare this ISA/PSI:

- Initiated a search request with GeoSearch to search 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 available information to assess past and present activities conducted within the project alignment and assessed the potential for hazardous materials impact.
- Reviewed historical aerial photographic coverage and topographic map coverage of the project alignment and vicinity for indications of potential sources of contamination.
- Reviewed the site geology.
- Reviewed the State GeoTracker website for locations of environmentally impacted sites in the vicinity of the project alignment.
- Conducted limited site reconnaissance of the Washington Boulevard corridor and vicinity.
- Collected soil samples to analyze for the presence of aerially deposited lead (ADL).
- Collected samples of paint and thermoplastic striping material to analyze for the presence of lead.
- Contracted with a Certified Asbestos Consultant (CAC) to evaluate the railroad underpass for the presence of ACCM.

2.3 PROJECT DESCRIPTION

The project involves improvements to Washington Boulevard and replacement of the UPRR bridge (Andora Underpass). Washington Boulevard will be widened to include two northbound and two southbound lanes; curbs; gutter; sidewalk; curb ramps; Class I bike lanes; striped center median; and drainage system improvements. The planned improvements are not expected to require right of way acquisition. Several utilities are currently located within or near the project limits. The utilities include telephone, electric, water, sewer, gas, and fiber optics. The utilities will be relocated as needed. Additionally, a future Class I bike trail is proposed in the open space area between Emerald Oak Road and the UPRR tracks.

3 PHYSICAL SETTING

3.1 PROJECT LOCATION

The project site is located in the City of Roseville, Placer County, California. The project alignment comprises 1.5± miles of Washington Boulevard from the intersection with Pleasant Grove Boulevard (38.773708°N, 121.303716°W) south to the intersection with Sawtell Road and Derek Place (38.762972°N, 121.296267°W). The project corridor is within Sections 27, 28 and 34 of T11N, R6E. Project maps are provided in Appendix A.

3.2 GEOLOGIC CONDITIONS

Published geologic mapping[1] shows the site underlain by the Riverbank, Turlock Lake, and Mehrten Formations. The Middle to Late Pleistocene age Riverbank Formation is described as arkosic alluvium with sand and silt, forming alluvial terraces. The Riverbank formation overlies the Pleistocene age Turlock Lake Formation, which is described as arkosic alluvium, sand with some silt and minor gravel, deeply weathered and dissected. The Turlock Lake formation in turn overlies the Miocene age Mehrten Formation, described as andesitic conglomerate, sandstone and breccia. A geologic map of the area is provided as Figure 2 in Appendix A.

Geotechnical drilling performed in May 2017 encountered sediments consistent with the Riverbank and Turlock Lake Formations. The depth of the contact between the Riverbank and Turlock Lake Formations at this location was not identified in the exploratory borings. The deepest boring advanced during this investigation was 100± feet deep, and did not encounter the Mehrten Formation.

The project alignment from Sawtell Road north to Diamond Oaks Road is underlain by Cometa-Ramona sandy loam, described as predominantly loam, sandy loam, sandy clay loam and gravelly sandy loam to 5± feet below ground surface (bgs), forming 1 to 5% slopes[2]. From Diamond Oaks Road north to Pleasant Grove Boulevard the project alignment is underlain by Cometa-Fiddyment complex, described as predominantly sandy and clayey loam to 5± feet bgs, with bedrock possibly as shallow as 2± feet bgs. Xerofluvent soil is present along a tributary of the South Brach of Pleasant Grove Creek Creek, described as stratified loamy soil to 5± feet bgs, with silt and clay increasing with depth.

[1] Wagner, DL., Jennings, C.W., Bedrossian, T.L., and Bortugno, E.J., 1981, Geologic Map of Sacramento Quadrangle, California: California Division of Mines and Geology, Scale 1:250,000.
[2] USDA-NRCS, Web Soil Survey (Date accessed 09/21/2016)

Ultramafic rocks, or rocks that are likely to contain naturally-occurring asbestos, have not been identified in the project alignment vicinity[3].

The site does not lie within an Alquist–Priolo Earthquake Fault Zone[4], and no known active faults are mapped within or through the project area. California Geologic Survey (CGS) fault mapping shows the nearest fault to be a segment of the Quaternary Age (<130,000 years) Foothills Fault System, (13.9± miles to the northeast). A Fault Activity Map is included as Figure 3.

3.3 GROUNDWATER CONDITIONS

Surface waters in the general vicinity include the North and South Forks of the South Branch of Pleasant Grove Creek, which join 575± feet west of the project alignment. The combined flow (South Branch of Pleasant Grove Creek) continues toward the west.

In general, seepage in soil units is expected to be seasonally present as perched groundwater, a result of infiltration of rainfall and/or elevated channel water surface. Groundwater levels can fluctuate due to changes in precipitation, creek water levels, and other factors.

Based on the most recent data (Fall 2016) from Department of Water Resources' Groundwater Information Center Interactive Map Application website[5], the regional groundwater aquifer in the project alignment vicinity is expected to be 115± feet bgs, and groundwater flow in this aquifer is expected to toward the west and southwest. Perched groundwater conditions were found at several of the geotechnical borings, at depths of 11± to 12± feet below ground surface (bgs).

3.4 CURRENT LAND USE

The project alignment is situated in a highly developed urban area. North of the railroad tracks, adjacent properties are developed for residential use and open space. South of the railroad tracks, adjacent properties are developed for open space and residential use along the southwest side of Washington Boulevard, while properties along the northeast side of Washington Boulevard are open space, or developed for commercial use.

3.5 HISTORICAL LAND USE

3.5.1 SUMMARY

Historical land usage has changed significantly in the vicinity of the project site, predominantly construction of residential and commercial development along Washington Boulevard starting in the late 1970s and early 1980s.

[3] Churchill, R.K., and Hill, R.L., 2000, A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally-Occurring Asbestos: California Division of Mines and Geology, OFR 2000-019.
[4] http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps
[5] https://gis.water.ca.gov/app/gicima/

3.5.2 HISTORICAL AERIAL PHOTOGRAPHS

Aerial photographs were provided by GeoSearch for the years shown in Table 1. The photographs were reviewed for information about historic conditions and land uses within the study area. Aerial photographs are included in Appendix C.

Table 1: Historical Aerial Photographs

Year	Source	Scale
1937	ASCS	1"=500'
1947	USGS	1"=500'
1958	ASCS	1"=1,320'
1966	USGS	1"=500'
1975	USGS	1"=500'
1984	USGS	1"=700'
1993	USGS	1"=500'
1998	USGS	1"=500'
2004	USDA	1"=500'
2014	USDA	1"=500'

1937 The railroad tracks and Washington/Andora undercrossing are visible in this photograph. Washington Boulevard runs northwest-southeast in the vicinity of the undercrossing, and is parallel with and adjacent to the north side of the railroad tracks west of the underpass; east of the underpass Washington Boulevard runs parallel with and adjacent to the south side of the railroad tracks. Except for the underpass, the current alignment of Washington Boulevard is undeveloped. A cluster of residential and ranching structures is present 1,250± feet south of the underpass (Diamond K Ranch, see Section 3.5.3).

1947 No significant changes from the 1937 photograph.

1958 This photograph is of poor quality; details are not readily discernable. Washington Boulevard appears to have been re-routed to the current alignment. Sierra View Country Club golf course is visible. There are no other significant changes from the 1947 photograph.

1966 North of the railroad tracks, Diamond Oaks Road has been constructed, extending east from Washington Boulevard. Several small streets extend off Diamond Oaks Road, but no structures have been constructed. South of the railroad tracks and additional cluster of residential and ranching structures is present 750± feet west of the underpass. There are no other significant changes from the 1958 photograph.

1975 Some residential structures have been constructed in the development along Diamond Oaks Road, and Diamond Oaks Golf Course has been constructed. No other significant changes from the 1966 photograph.

1984 Additional residential development is being constructed east of Washington Boulevard and north of Diamond Oaks Road. Residential development has been constructed west of Washington Road and

south of the underpass, in the vicinity of the cluster of structures identified in the 1937 photograph. No other substantial changes from the 1975 photograph.

1993 Additional residential development is present north of the railroad tracks and east of Washington Boulevard. Pleasant Grove Boulevard appears to be under construction. South of the railroad tracks, additional residential development is present south and west of Washington Boulevard. Sawtell Road has been constructed. Some light commercial development has been constructed between Washington Boulevard and the railroad tracks, along Derek Place. No other significant changes from the 1984 photograph.

1998 Construction of Pleasant Grove Boulevard has been completed. No other significant changes from the 1993 photograph.

2004 Additional residential development has been constructed north of the railroad tracks. Additional light commercial development is present along Derek Place. No other significant changes from the 1998 photograph.

2014 Additional light commercial development is present along Derek Place. No other significant changes from the 1998 photograph.

3.5.3 HISTORICAL TOPOGRAPHIC MAPS

Historical topographic maps were provided by GeoSearch for the years shown in Table 2, and are discussed in chronological order below. Maps were reviewed for significant changes in topography or property improvements. The maps displayed no significant change in topography or development within the project site or surrounding area. Topographic maps are included in Appendix D.

Table 2: Historical Topographic Maps

Year	Quad	Series	Scale
1892	Sacramento, CA	15	1:62,500
1910	Roseville, CA	7.5	1:31,680
1953	Roseville, CA	7.5	1:24,000
1967	Roseville, CA	7.5	1:24,000
1975	Roseville, CA	7.5	1:24,000
1981	Roseville, CA	7.5	1:24,000
1992	Roseville, CA	7.5	1:24,000
2012	Roseville, CA	7.5	1:24,000

1892 Topography is depicted as flat (contour interval 100 feet). Washington Boulevard, the railroad tracks, and the South Branch of Pleasant Grove Creek are depicted. A road extending northwest from Roseville crosses the railroad tracks at the location of the project alignment.

1910 Topography shows much more relief detail (contour interval 5 feet). The railroad tracks and South Branch of Pleasant Grove Creek are depicted. Washington Boulevard is depicted in the alignment shown in the 1937 aerial photograph (Section 3.5.2). No buildings or development are depicted in the project site vicinity.

1953 Topography appears unchanged. Washington Boulevard has been realigned to the current configuration. South of Washington Boulevard in the vicinity of the project site, the only structures depicted are the residential and ranch structures discussed in the 1937 and 1966 aerial photographs (Section 3.5.2). Two sets of high-voltage power transmission lines cross Washington Boulevard 400± feet south of the undercrossing. Light duty and unimproved roads are depicted in the project site vicinity. No other significant changes from the 1910 map are depicted in the project site vicinity.

1967 Topography appears unchanged. Diamond Oaks Road and associated site streets are depicted. Two power lines are now depicted crossing Washington Boulevard south of the undercrossing. No other substantial changes from the 1953 map are depicted in the project site vicinity.

1975 Photorevised Topography appears unchanged. Housing development is depicted along Diamond Oaks Road and associated side streets. No other substantial changes from the 1967 map are depicted in the project site vicinity.

1981 Photorevised No substantial changes from the 1975 map are depicted in the project site vicinity.

1992 Topography appears unchanged. Residential and light commercial development along Washington Boulevard and Derek Place discussed in the 1993 aerial photograph (Section 3.5.2) are depicted on this map. Three sets of high-voltage power transmission lines are depicted crossing Washington Boulevard south of the underpass. No other substantial changes from the 1981 map are depicted in the site vicinity.

2012 Topography appears unchanged. Except for streets, culture features (including the power lines and railroad tracks) are not depicted on this map. No substantial changes from the 1992 map are depicted in the project site vicinity.

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 database and site list was searched for sites within the ASTM standard search radius relative to the project site. The project location is shown in Figure 1. Database records are provided in Appendix E. The following databases and site lists were searched:

FEDERAL LISTING

Standard Environmental Records

- ERNSCA – Emergency Response Notification System
- EC – Federal Engineering Institutional Control Sites
- LUCIS – Land Use Control Information System
- RCRASC – RCRA Sites with Controls
- NLRRCRAG – No Longer Regulated RCRA Generator Facilities

- RCRAGR09 – Resource Conservation & Recovery Act – Generator
- RCRANGR09– Resource Conservation & Recovery Act – Non-Generator
- BF – Brownfields Management System
- DNPL – Delisted National Priorities List
- NLRRCRAT – No Longer Regulated RCRA Non-CORRACTS TSD Facilities
- RCRAT – Resource Conservation & Recovery Act – Non-CORRACTS Treatment, Storage & Disposal Facilities
- SEMS – Superfund Enterprise Management System
- SEMSARCH – Superfund Enterprise Management System Archived Site Inventory
- NPL – National Priorities List
- NLRRCRAC – No Longer Regulated RCRA Corrective Action Facilities
- PNPL – Proposed National Priorities List
- RCRAC – Resource Conservation & Recovery Act – Corrective Action Facilities
- RCRASUBC – Resource Conservation & Recovery Act – Subject to Corrective Action Facilities

Additional Environmental Records

- AIRSAFS – Aerometric Information Retrieval System / Air Facility Subsystem
- BRS - Biennial reporting system
- SFLIENS – CIRCLIS Liens
- CDL – Clandestine Drug Laboratory Locations
- DOCKETs – EPA Docket Data
- ECHOR09 – Enforcement and Compliance History Information
- FRSCA – Facility Registry System
- HMIRSR09 – Hazardous Materials Incident Reporting System
- ICIS – Integrated Compliance Information System (formerly DOCKETS)
- ICISNPDES – Integrated Compliance Information System National Pollutant Discharge Elimination System
- MLTS – Material Licensing Tracking System
- NPDESR09 – National Pollutant Discharge Elimination System
- PADS – PCB Activity Database System
- PCSR09 – Permit Compliance System
- SSTS – Section Seven Tracking System
- TSCA – Toxic Substance Control Act Inventory
- TRI – Toxic Release Inventory
- HISTPST – Historical Gas Stations
- MSHA – Mine Safety and Health Administration Master Index File
- MRDS – Mineral Resource Data System
- ODI – Open Dump Inventory
- DOD – Department of Defense Sites
- NMS – Former Military Nike Missile Sites
- FUDS – Formerly Used Defense Sites
- RODS – Record of Decision System

STATE (CA) LISTING

Standard Environmental Records

- DTSCDR – DTSC Deed Restrictions
- ABST – Above Ground Storage Tanks
- HISTUST – Historical Underground Storage Tanks
- SWEEPS – Statewide Environmental Evaluation and Planning System
- USTCUPA – Underground Storage Tanks
- CALSITES – CALSITES database
- CLEANUPSITES – GeoTracker Cleanup Sites
- LUST – Leaking Underground Storage Tanks
- SWIS – Solid Waste Information System Sites
- VCP – Voluntary Cleanup Sites
- ENVIROSTOR – ENVIROSTOR Cleanup Sites
- ENVIROSTORPCA – ENVIROSTOR Permitted and Corrective Action Sites

Additional Environmental Records

- CHMIRS - California Hazardous Material Incident Report System
- CDL – Clandestine Drug Labs
- EMI – Emissions Inventory Data
- HWTS – Hazardous Waste Tanner System
- NPDES – National Pollutant Discharge Elimination System Facilities
- LIENS – Recorded Environmental Cleanup Liens
- MWMP – California Medical Waste Management Program Facility List
- DTSCHWT – DTSC Registered Hazardous Waste Transporters
- CLEANER – Dry Cleaner Facilities
- SLIC – Spills, Leaks, Investigation & Cleanup Recovery Listing
- CORTESE – Cortese List
- ERAP – Expedited Removal Action Program Sites
- DROP – Listing of Certified Dropoff, Collection, and Community Service Programs
- PROC – Listing of Certified Processors
- NFA – No Further Action Determination
- SWRCY – Recycling centers
- REF – Referred to Another Local or State Agency
- SCH – School Property Evaluation
- NFE – Sites Needing Further Evaluation
- WMUDS – Waste Management Unit Database
- TOXPITS – Toxic Pits Cleanup Act Sites

LOCAL LISTING

Standard Environmental Records

- SCAST – Sutter County Aboveground Storage Tanks

Additional Environmental Records

- UST – Placer County Storage Tanks

TRIBAL LISTING

Standard Environmental Records

- USTR09 – Underground Storage Tanks on Tribal Lands
- TORRESDUMPSITES – Illegal Dump Sites on the Torres Martinez Reservation
- LUST09 – Leaking Underground Storage Tanks on Tribal Lands
- ODINDIAN – Open Dump Inventory on Tribal Lands

Additional Environmental Records

- INDIANRES – Indian Reservations

4.2 SUMMARY OF RECORDS SEARCH

The northernmost edge of the project alignment was identified in one of the databases searched (refer to Map ID #1, below). Nine other facilities were identified within the search area; no unmapped facilities were identified. Refer to the Radius Report included in Appendix E for additional information regarding the identified facilities, and a map showing their locations.

IDENTIFIED FACILITIES

Map ID #1 – Storm drain at intersection of Washington Boulevard and Pleasant Grove Boulevard. Identified in the CHMIRS database. 30± gallons of diesel leaked into storm drain after a truck fuel tank was punctured.

Map ID #2 – Chevron service station, 8001 Washington Boulevard. Northwest corner of Washington and Pleasant Grove Boulevards. Identified in the RCRAGR09 database (listing of hazardous waste generators). Records do not indicate a release of hazardous waste at this site.

Map ID #3 – ARCO service station, 999 Washington Boulevard (0.19± mile SE of project site). Identified in the USTCUPA, SWEEPS, LUST, and CLEANUPSITES databases. Geosearch records indicate a release of gasoline from underground storage tanks. Status listed as closed 2 June 2003.

Map ID #4 –Roseville Corporation Yard and Placer SPCA, 100 and 150 Corporation Yard Road (respectively) (0.29± mile south of project site). Included in the SWRCY, CLEANUPSITES, DROP, LUST and CORTESE databases. Geosearch records indicate a release of diesel from underground storage tanks. Status listed as closed 2 November 2004.

Map ID #5 – Placer County Corporation Yard, 200 Corporation Yard Road (0.29± mile from project site). Included in the CLEANUPSITES, LUST and CORTESE databases. Geosearch records indicate a release of diesel from underground storage tanks. Status listed as verification monitoring as of 2 August 2011.

Map ID #6 – Placer County Fairgrounds, 800 All American Boulevard (0.44± mile southeast of project site). Included in the CLEANUPSITES, LUST and CORTESE databases. Geosearch records indicate a release of gasoline from underground storage tanks. Status listed as closed 21 December 2010.

Map ID #7 – Sierra View Country Club, 105 Alta Vista Drive (0.46± mile southeast of project site). Included in the CLEANUPSITES, LUST and CORTESE databases. Geosearch records indicate a release of gasoline from underground storage tanks. Status listed as closed 7 May 1992.

Map ID #8 – TSI Safety Fund Program and NEC Electronics, Inc., 7501 Foothills Boulevard (0.47± mile northwest of project site). Included in the DROP, ENVIROSTAR and SWRCY databases. Status listed as inactive.

Map ID #9 – American Olean Tile Company, 8250 Industrial Avenue (0.74± mile north of project site). Included in the ENVIROSTOR database. Status listed as closed 21 December 2010.

Map ID #10 – Hewlitt-Packard Co., 8000 Foothills Boulevard (0.98± mile north of project site). Included in the ENVIROSTOR database. Status listed as inactive.

UNLOCATED FACILITIES

Geosearch did not identify any sites that could not be mapped due to limited or incomplete address information.

4.3 GEOTRACKER DATABASE SEARCH

A search of the GeoTracker website[6] revealed no active or closed contamination sites within a mile of the project alignment.

4.4 PLACER COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

On 18 August 2017, CAInc spoke with Mr. West Bourgault of Placer County Environmental Health Department. Mr. Bourgault was unaware of any impacted or contaminated facilities in the vicinity of the project corridor.

5 RECONNAISSANCE

Reconnaissance of the project site was performed on 12 May 2017 by Steve Carter, PG. Location of the project alignment is shown in Figure 1. The reconnaissance consisted of a walking and driving traverse along Washington Boulevard, and the intersections with Sawtell Road, Derek Place, Diamond Oaks Road, Emerald Oaks Road, and Pleasant Grove Boulevard. Visual observations were conducted of road rights-of-way, the railroad underpass, and of properties bordering the project site. These observations were intended to identify the land uses and activities on adjacent land, and the presence, or likely presence, of hazardous substances or petroleum products at the project site or on adjacent properties.

5.1 PROJECT ALIGNMENT

Starting at the north end of the project alignment, Washington Boulevard includes two northbound traffic lanes, two southbound traffic lanes, and a paved center divide area. This pattern narrows down to a single northbound and a single southbound lane at the Diamond Oaks Road/Emerald Oaks Road intersection. Single lane traffic continues through the Andora underpass, widening out to two northbound and two southbound lanes before the Sawtell Road/Derek Place intersection. Washington

[6] http://geotracker.waterboards.ca.gov

Boulevard, Pleasant Grove Boulevard, Emerald Oaks Road, Diamond Oaks Road, Kaseberg Drive, Sawtell Road and Derek Place are asphalt-paved, with yellow and white traffic striping. Foglines, turn pocket striping, and arrows consisting of white thermoplastic material were observed, but the yellow center consists of ceramic dots; yellow paint striping was not observed within the project alignment.

Overhead utilities were not observed within the project alignment. High voltage power transmission lines on steel towers cross the alignment south of the UPRR track, but the steel towers do not appear to be within the existing right-of-way (ROW). Based on observed signage and responses from One Call markings in response to the drilling, telephone, electric, water, sewer, gas, traffic signal line, and fiber optic lines are present in the subsurface within the ROW. Traffic sings within the ROW are installed on treated wood posts. Unpainted steel guard railing protects both north and south sides of the underpass; the guard rails are installed on treated wood posts.

Staining, waste or garbage piles, soil stockpiles, mining activity, pits, or lagoons, stressed or seasonally unhealthy vegetation, agricultural chemical mixing or storage, drums or aboveground storage tanks, indications of underground storage tanks, batteries, tires were not observed within the Washington Boulevard corridor.

5.2 ADJACENT PROPERTIES:

West side of Washington Boulevard (from Pleasant Grove Boulevard south to underpass):	
APN	**Property Use**
017-043-031	Residential
017-043-030	Residential
017-043-019	Residential
017-043-018	Residential
017-043-008	Residential
017-042-019	Residential
017-042-002	Residential
017-042-021	Open space

East side of Washington Boulevard (from Pleasant Grove Boulevard to underpass):	
APN	**Property Use**
363-041-006	Residential
363-041-007	Residential
015-018-006	Residential
015-018-005	Residential
015-018-004	Residential
015-018-003	Residential
015-018-002	Residential
015-018-001	Residential
015-019-037	Residential
015-050-041	Open space
015-050-005	Residential
015-050-006	Residential
015-050-007	Residential
015-050-008	Residential
015-050-040	Open space (creek)
015-050-009	Residential
015-050-010	Residential
015-050-011	Residential
015-050-050	Residential
015-050-051	Open space
015-050-052	Residential
015-050-053	Open space

West side of Washington Boulevard (from underpass south to Sawtell Road):	
APN	**Property Use**
017-041-032	Open space
015-035-016	Residential
015-035-021	Residential

East side of Washington Boulevard (from underpass south to Sawtell Road):	
APN	**Property Use**
017-041-029	Open space
015-035-006	Commercial
015-035-007	Commercial
015-035-038	Commercial
015-035-039	Commercial
015-035-009	Commercial
015-035-033	Commercial
015-035-034	Commercial

All of the residential properties were behind sound walls or obscured by vegetation; direct observation of the residential properties from the Washington Boulevard ROW was not possible. Commercial properties on Derek Place were mostly visible from Washington Boulevard and Derek Place. Aboveground tanks or placarding that might indicate storage or use of hazardous materials were not observed. Indications of underground storage tanks were not observed at John's Auto Care (201 Derek Place).

Staining, waste or garbage piles, soil stockpiles, mining activity, pits, or lagoons, stressed or seasonally unhealthy vegetation, agricultural chemical mixing or storage, drums, batteries, or tires were not observed on properties adjacent to the Washington Boulevard alignment.

Observations made during the site reconnaissance generally support the research and background data. Site photographs are provided in Appendix B.

6 MATERIAL SAMPLING

6.1 ASBESTOS INSPECTION

CAInc contracted with National Analytical Laboratory, Inc. (NAL) to inspect the bridge for the presence of asbestos containing construction materials (ACCM) and lead-based paint (LBP). This inspection was performed 5 July 2017.

6.1.1 ASBESTOS INSPECTION

According to the NAL report, the asbestos inspection was performed by a Certified Asbestos Consultant (CAC), in conformance with the Environmental Protection Agency's (EPA) Asbestos Containing Building Materials (ACBM) In-School Rule; CFR 763.85. During the inspection, six bulk samples were collected for later analysis by MicroTest Laboratories, Inc. NAL reported that asbestos was not detected in any of the six samples analyzed. The NAL report and NESHAP notification form are included in Appendix F.

6.2 PAINT MATERIAL ASSESSMENT

6.2.1 NAL ASSESSMENT

NAL inspected the paint system on the underpass abutments and structural elements on 5 July 2017. The lead inspection was performed by a Certified Lead Sampling Technician under the supervision of a Certified Lead Inspector/Assessor. The assessment was performed according to Housing and Urban Development (HUD), EPA, and California Public Health Department guidelines. The assessment consisted of a visual inspection and evaluation of suspect areas with a portable X-ray fluorescence (XRF) analyzer. The inspection identified white, gray and tan paint on the concrete abutment, and orange paint on the metal truss guard rail system, all of which was noted to be cracking.

Based on the visual inspection, NAL measured lead content of the white, gray and tan paint on the concrete abutments at 10 locations, and three locations of orange paint on the metal truss guard rail system. NAL reported lead in the white paint samples (2.8 to 3.9 milligrams/square centimeter (mg/cm^2), in one sample of the gray paint (0.23 mg/cm^2), and in all three samples of orange paint from the metal truss guard rail system. The NAL report is included in Appendix F.

6.2.2 CRAWFORD & ASSOCIATES ASSESSMENT

CAInc observed white paint on vertical walls of the concrete underpass abutments. In several locations, the white paint was painted over with a gray paint. Paint was cracked and peeling, and flakes of paint were observed on the ground surface at the base of the abutment. Because lead-based paint (LBP) has historically been used on transportation structures, CAInc conducted a materials evaluation to determine if lead content in the paint requires special handling. Grime and detritus already on the bridge before the start of work may also contain lead, and is considered part of the existing paint system. Sample locations are plotted on Figure 1.

6.2.3 PAINT MATERIAL SAMPLE COLLECTION METHODOLOGY

Paint samples were collected on 14 June 2017. Photographs of painted surface are included in Appendix B. Paint material sample was collected from the following location:

Table 3: Bridge Paint Locations

Sample ID	Sample Type	Sample Location
Paint-1	Flaking white paint	Western underpass abutment, south-facing wall.
Paint-2	Flaking gray paint	Eastern underpass abutment, south-facing wall

The paint sample was collected using a steel putty knife to scrape paint flakes off of the concrete surface. The paint flakes were placed in a glass sample container supplied by the laboratory. The samples were labeled, entered onto a chain-of-custody, and then placed in a cooler for transport to the laboratory. The samples were transported under chain of custody documentation to BC Labs (ELAP certification No. 1186). Analytical laboratory reports are included as Appendix G.

6.2.4 PAINT MATERIAL SAMPLE ANALYTICAL RESULTS

Total lead concentrations in both paint samples were above the 1,000 mg/kg hazardous waste threshold; additional analyses were not performed.

Table 4: Bridge Paint Analytical Results

Sample ID	Total Lead (mg/kg)	Soluble Lead (mg/l)
Paint-1	6,300	--
Paint-2	19,000	--

Notes: mg/kg = milligram per kilogram
mg/l = milligram per liter
-- = not analyzed

6.2.5 PAINT MATERIAL SAMPLE EVALUATION

Housing and Urban Development (HUD) guidelines are used to describe paint conditions. The condition of the paint on the abutment walls is peeling and flaking. Photographs of the bridge paint condition are included in Appendix B.

As indicated in the California Code of Regulations Title 22 §66261.24(a)(2), the lead concentration of the bridge paint samples is greater than 1,000 mg/kg lead, the regulatory threshold for wastes containing lead to be classified as hazardous. Wastes from the painted surfaces of the bridge generated during maintenance activities will need to be handled and disposed of as hazardous waste.

6.3 SOIL ASSESSMENT

Aerially deposited lead (ADL) is a concern in near surface soil adjacent to roadways where exhaust deposition from automobiles using leaded gasoline might have resulted in accumulation of significant lead concentrations. Soil samples to screen for the presence of ADL were collected from four locations in the shoulder areas on both sides of Washington Boulevard, both north of and south of the underpass. At each location, soil samples were collected from 0" to 6" bgs, and from 12" to 18" bgs to assess vertical distribution of lead in the soil at each location.

Lead may also accumulate from other sources, for example leachate from flakes of lead-based paint. Since paint on the abutments was observed to be peeling and flaking, two soil samples were collected adjacent to the painted abutment walls to assess lead impact in the soil. At both location, soil samples were collected at two depths to assess vertical distribution of lead in the soil.

6.3.1 SOIL SAMPLE METHODOLOGY

Soil samples were collected on 14 June 2017. The samples were collected using a hand auger to advance the boring to the target depth. During borehole advancement, care was taken to avoid "fall in" during sampling that could result in cross-contamination between samples taken at different depths. Soil from each target depth interval was homogenized in the field, and then placed in a glass sample jar supplied by the laboratory. Sample containers were then labeled, entered onto a chain of custody, and then placed in an ice chest for transport to the laboratory. After sampling, the borings were backfilled cuttings and with adjacent soil as necessary to return the excavation to the original grade. Sample locations are shown on Figure 1.

The samples were transported under chain of custody documentation to BC Labs for analysis of total lead using EPA Method 6010B and pH using EPA Method 9045D. Samples with total lead concentrations in excess of 50 mg/kg but less than 1,000 mg/kg were further analyzed for soluble lead using the CA WET. Chain-of-custody documentation and analytical laboratory reports are included as Appendix G.

6.3.2 SOIL SAMPLE ANALYTICAL RESULTS

Waste with total lead concentrations greater than or equal to 1,000 milligrams/kilogram (mg/kg) are considered hazardous. If total lead concentrations are less than 1,000 mg/kg, waste with soluble lead concentrations less than 5 milligrams/liter (mg/l) are deemed non-hazardous. Because soluble lead analysis uses a 10:1 dilution ratio, wastes with total lead concentrations less than 50 mg/kg are assumed to have soluble lead concentrations less than 5 mg/l, and no further characterization of the lead is required.

Total lead was reported in all soil samples, at concentrations ranging from 2.8 to 1,200 milligrams/kilogram (mg/kg). Five samples with total lead concentrations greater than 50 mg/kg were further analyzed for soluble lead. Seven samples had total lead concentrations below the 50 mg/kg threshold limit requiring additional analytical data to evaluate soil handling, reuse, or disposal options. Analytical data are summarized in Table 5 below.

Table 5: ADL Soil Sample Locations

Sample ID	Total Lead (mg/kg)	STLC Lead (mg/l)	pH	Sample Location
ADL-1A	1,200	65	--	East shoulder, north of underpass, 0 to 6" bgs
ADL-1B	11	--	--	East shoulder, north of underpass, 12" to 18" bgs
ADL-2A	630	32	6.33	West shoulder, north of underpass, 0 to 6" bgs
ADL-2B	15	--	--	West shoulder, north of underpass, 12" to 18" bgs
ADL-3A	19	--	--	West shoulder, south of underpass, 0 to 6" bgs
ADL-3B	4.8	--	--	West shoulder, south of underpass, 12" to 18" bgs
ADL-4A	220	10	--	East shoulder, south of underpass, 0 to 6" bgs
ADL-4B	19	--	5.97	East shoulder, south of underpass, 12" to 18" bgs
ADL-5A	800	100	--	Western abutment, south side, 0 to 6" bgs
ADL-5B	32	--	--	Western abutment, south side, 12" to 18" bgs
ADL-6A	84	3.9	6.82	Eastern abutment, south side, 0 to 6" bgs
ADL-6B	13	--	--	Eastern abutment, south side, 12" to 18" bgs

Notes: mg/kg = milligram per kilogram
mg/l = milligram per liter
bgs = below ground surface
STLC = Soluble Threshold Limit Concentration (CA WET Method)
-- = not analyzed

6.3.3 SOIL SAMPLE EVALUATION

The total lead concentration in sample ADL-1A exceeded the hazardous waste threshold of 1,000 mg/kg, and the total lead concentrations in samples ADL-2A, ADL-4A, ADL-5A and ADL-6A (collected at 0-6" bgs) were above the 50 mg/kg threshold requiring additional analysis for disposal characterization. Soluble concentration in sample ADL-6A was 3.9 milligrams/liter, below the 5.0 mg/l threshold for a California hazardous waste. The soluble lead concentrations in samples ADL-1A (65 mg/l), ADL-2A (32 mg/l), ADL-4A (10 mg/l) and ADL-5A (100 mg/l) were above the 5.0 mg/l threshold for a California hazardous waste.

There is an enhanced possibility for migration of lead in soil where pH values are below 5.0. Soil samples from the project corridor had pH values from 5.97 to 6.82; at these levels, migration of ADL in the soil is unlikely to be enhanced.

6.3.4 DECONTAMINATION OF SOIL SAMPLING EQUIPMENT

For the ADL samples, the hand auger and sample collection equipment was washed with a weak detergent solution (Alconox) and then double-rinsed with clean (potable) water after each borehole. The sampling equipment used to collect the soil samples under the bridge (trowel) was washed with a weak detergent solution and double rinsed with water after each sample location. All sampling equipment was decontaminated before leaving the site. Wash and rinse water (rinsate) from the cleaning process was disposed of on the ground. Lead or other contaminants, if any, which might be present in the waste water, would therefore return to the soil where they originated and no change in site conditions would occur. Waste water was not disposed of near any creek or environmentally sensitive areas.

6.4 PAINT STRIPING ASSESSMENT

One sample of the white fogline striping paint was collected to assess the lead concentration.

6.4.1 SOIL SAMPLE METHODOLOGY

A sample of the fogline thermoplastic striping material was collected on 14 June 2017. The sample was collected using a chisel to remove the material from the pavement surface. The sample material was placed in a glass sample container supplied by the laboratory, labeled, entered onto the chain-of-custody, and placed in an ice chest for transport to the laboratory. This sample was analyzed for lead using EPA Method 6010B.

6.4.2 PAINT SAMPLE ANALYTICAL RESULTS

The total lead concentration in the thermoplastic striping material was 2.8 mg/kg. Analytical results for the paint stripe samples are summarized below in Table 6.

Table 6: Paint Stripe Samples

Sample ID	Total Lead (mg/kg)	Sample Location
Fogline	2.8 J	East shoulder, north of underpass

Notes: mg/kg = milligram per kilogram
J = estimated value

6.4.3 PAINT STRIPE SAMPLE EVALUATION

The lead concentration in this thermoplastic striping material is less than the 50 mg/kg threshold for further testing of soluble lead concentrations. At this concentration, paint stripe material removed from the pavement surface can be handled and disposed of with no special requirements.

7 FINDINGS

The purpose of this report is to identify recognized soil or groundwater contamination or hazardous material issues that could impact the project.

7.1 POTENTIAL HAZARDOUS MATERIALS SITES

A records review of regulatory databases did not identify any locations within the project alignment, and indicates there are no facilities in the vicinity that may have potential to impact the site. Based on the review of regulatory records provided by Geosearch, the Geotracker database, discussion with Placer County, and reconnaissance observations, the likelihood of encountering hazardous materials or wastes within the project alignment appears low.

7.2 GENERAL HAZARDOUS MATERIALS ISSUES

7.2.1 ASBESTOS CONTAINING CONSTRUCTION MATERIAL

Existing structures that will be impacted by the renovation project are constructed of materials having the potential to contain asbestos. Concrete bridge components (piers, footings, abutments, deck) could potentially contain asbestos. Asbestos containing material (ACCM), as defined in the California Code of

Regulations, Title 8, Section 1529 of the Construction Safety Orders, can 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. Federal regulations require a CAC make definitive conclusions regarding the presence of ACCM. Under the federal asbestos National Emissions Standards for Hazardous Air Pollutants regulations (NESHAP, 40 CFR Part 61, Subpart M), a CAC must make definitive conclusions regarding the presence of ACCM. Prior to renovation, the existing structures are required to have an asbestos survey completed to determine the appropriate method of handling and disposal. 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 building materials.

CAInc contracted with NAL to inspect the bridge for the presence of ACCM. A CAC inspected the bridge on 5 July 2017. According to the NAL report, the inspection and analytical results indicate that no ACCM is present in the railroad underpass structure. A copy of the NAL report and the required submittal documentation are included in Appendix F.

7.2.2 LEAD

During the 14 July site reconnaissance, painted surfaces of the concrete railroad underpass abutments were observed to be flaking and peeling (Photo 4). Analytical data indicate the total lead concentration in this paint is above the 1,000 mg/kg threshold for hazardous waste. NAL's inspection on 5 July also indicated that orange paint on the metal underpass components contained lead above the Environmental Protection Agency (EPA) and California Public Health Department (CPHD) threshold of 1.0 mg/cm^2 (lead concentrations equal to or above this threshold require abatement or in-place management). Painted concrete and metal components removed for disposal, or other waste material from the painted portions of the bridge (e.g. sandblasting waste) must be handled and disposed of in accordance with the Caltrans 2015 Standard Specifications (SS) 14-11.13 and Standard Special Provision (SSP) 14-11.13. A Lead Compliance Plan will be required for this work (SS 7-1.02K(6)(j)(ii)).

7.2.3 CHEMICALLY TREATED WOOD

Chemically treated wood must be handled as treated wood waste (TWW) and disposed of as hazardous waste. Traffic signs and metal guardrails within the project alignment are supported by treated wood posts. Should additional timber be uncovered during bridge demolition and replacement, e.g., buried creosote timber piles, this timber would also be treated as TWW. Section 66261.9.5 of Department of Toxic Substances Control (DTSC) regulations provide alternative management standards (AMS) for treated wood waste. Caltrans Special Standard Provision SSP 14-11.09 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. Chemically treated wood removed from the project site must adhere to SPP 14-11.09.

7.2.4 THERMOPLASTIC TRAFFIC STRIPING

Paint and thermoplastic materials used for traffic striping (foglines) may contain lead at concentrations in excess of the hazardous waste thresholds established by the California Code of Regulations, and may produce toxic fumes when heated. A sample of the fogline thermoplastic material contained lead at concentrations below the hazardous waste threshold. White thermoplastic paint stripe material removed from the pavement surface can be handled and disposed of with no special requirements.

Because of the presence of lead in this material a lead compliance plan will be required (SSP 36-4 and SSP 84-9.03C).

7.2.5 NATURALLY OCCURRING ASBESTOS (NOA)

CAInc reviewed the potential for NOA in the study area by performing field reconnaissance and reviewing published geologic mapping. The geologic mapping reviewed as part of this study does not indicate ultramafic rocks or rocks suspected to contain NOA are present within the project alignment, or in the vicinity. CAInc did not observe rock outcrops or rock fragments that are suspected to contain NOA in the project alignment during field investigations. Although NOA can be associated with faults, the closest fault 13.9± miles from the project alignment. The potential for NOA in the study area is considered generally low, and no further study is recommended.

7.2.6 TRANSFORMERS

There are no overhead utility lines, poles or transformers at the project site that will need to be relocated. A subgrade transformer vault was observed north of the underpass in or adjacent to parcel 015-050-053. No evidence of transformer fluid leakage was observed on the ground surface adjacent to this vault. No further action is recommended.

7.2.7 AGRICULTURAL CHEMICALS

Historical aerial photographs do not indicate land adjacent to the project alignment has been used for agricultural purposes requiring application of agricultural chemicals. There was no evidence of pesticide or herbicide mixing, storage or use within or adjacent to the project alignment observed during the site visit. No further action is recommended.

7.2.8 AERIALLY DEPOSITED LEAD (ADL)

Generally, ADL may be an issue on roads which have historically experienced significant traffic, particularly where vehicles would be stopping and idling, i.e., at a stop sign or a high congestion area. Washington Boulevard was part of the State Highway system[7] (Route 3, Route 99E, Route 65) from 1909 into the 1990s. Total and soluble lead concentrations exceeded California's hazardous waste threshold in four soil samples collected from the uppermost foot of soil in the shoulder area adjacent to Washington Boulevard and the railroad underpass. ADL screening performed for this ISA/PSI did not delineate the extent of ADL impact; further evaluation of ADL is warranted. Soil with ADL concentrations above California's hazardous waste threshold will require special handling and disposal (SS 14.-11.08 and 14-11.09A may apply). Handling of ADL-impacted soil will need to be included in the lead compliance plan.

7.2.9 PETROLEUM HYDROCARBONS

CAInc did not observe or find direct or indirect evidence of spills or releases of oil or fuel within the project area. Testing of soil for the presence of petroleum products is not warranted at this time.

[7] https://www.cahighways.org/065-072.html

8 RECOMMENDATIONS

Based on a review of the public records, lab analyses, historical aerial photographs and historic topographic maps, and the site reconnaissance performed on 12 May 2017, CAInc makes the following recommendations:

- Further evaluate the extent of hazardous ADL concentrations within the project alignment.

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 reduce risk, an extensive invasive exploration may be necessary prior to project implementation.

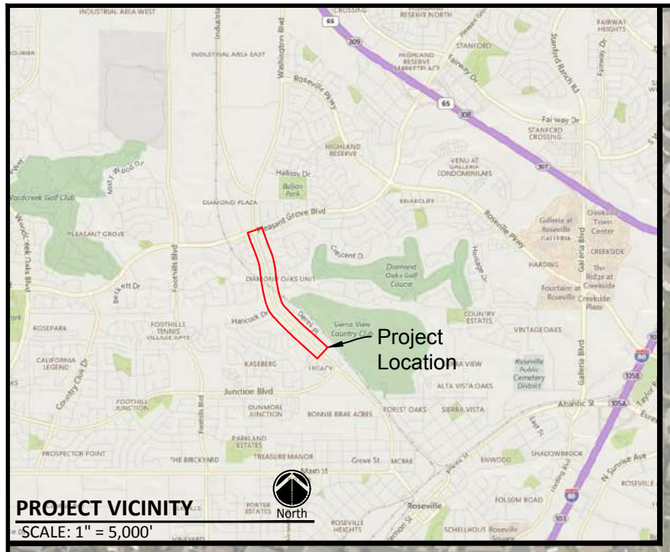
This report was prepared for the specific use of Mark Thomas and their agents for this project, and applies only to the area identified as the project area. CAInc is not responsible for interpretations by others of data presented in this report. This report does not represent a legal opinion. No warranty 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. The GeoSearch report indicated the project site is located in Radon Zone 2, predicted to have an average indoor radon screening level between 2 and 4 picocuries per liter (pCi/L). 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

Site Maps



PROJECT VICINITY
SCALE: 1" = 5,000'

PROJECT LOCATION
SCALE: 1" = 300'

SAMPLE LOCATION
SCALE: 1" = 100'

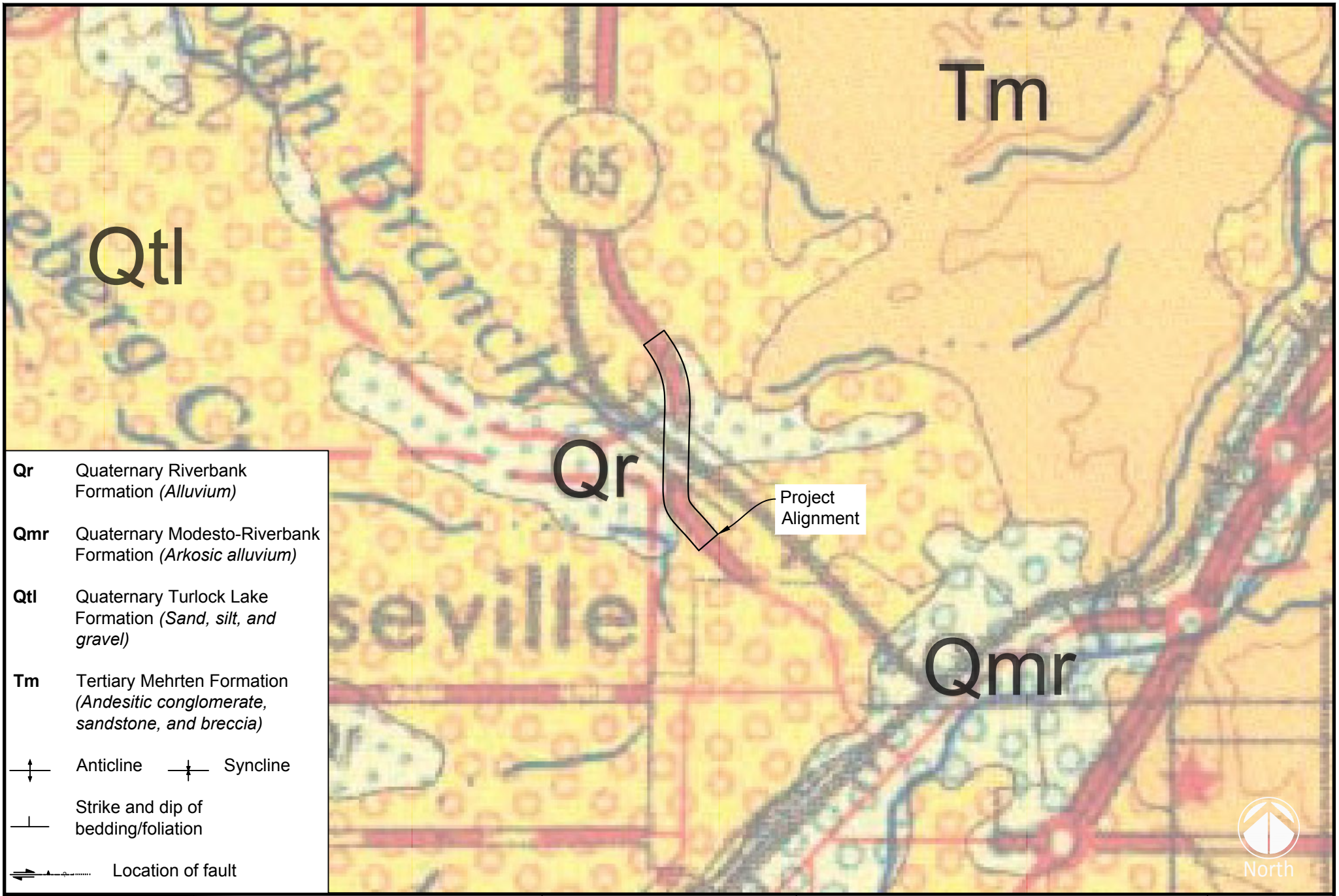
Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
Taber Since 1954
1100 Corporate Way
Suite 230
Sacramento, CA 95831
(916) 455-4225

Project Mgr.	TEB	7/11/17
Project Geol.	SJC	7/11/17
Designer		
Checked By	SJC	7/11/17
Drawn By	NRA	7/11/17
	By	Date

Washington/Andora Widening Project
Roseville, California

Figure 1
Exploration Location Map

Project No.	16-285.1
Scale	See above
Date	7/11/17



Qr Quaternary Riverbank Formation *(Alluvium)*

Qmr Quaternary Modesto-Riverbank Formation *(Arkosic alluvium)*

Qtl Quaternary Turlock Lake Formation *(Sand, silt, and gravel)*

Tm Tertiary Mehrten Formation *(Andesitic conglomerate, sandstone, and breccia)*

Anticline Syncline

Strike and dip of bedding/foliation

Location of fault

Project Mgr.	TEB	7/11/17
Project Geol.	SJC	7/11/17
Designer		
Checked By	SJC	7/11/17
Drawn By	NRA	7/11/17
	By	Date

Source: Bedrossian, T.L., Bortugno, E.J., Jennings, C.W., Wagern, D.L. *Geologic Map of the Sacramento Quadrangle, California*. 1:250,000. California Division of Mines and Geology, 1981.

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

Washington/Andora Widening Project
Roseville, California

Figure 2
Geology Map

Project No.	16-285.1
Scale	NTS
Date	7/11/17

LEGEND

Quaternary Fault (Age)	Quaternary Fault (Age)	Location
<150 years	<750,000 years	Well Constrained
<15,000 years	<1.6 million years	Moderately Constrained
<130,000 years		Inferred

Project Mgr.	TEB	7/11/17
Project Geol.	SJC	7/11/17
Designer		
Checked By	SJC	7/11/17
Drawn By	NRA	7/11/17
	By	Date

Source: Google Earth Pro with USGS Fault Map Overlay

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

Washington/Andora Widening Project
Roseville, California

Figure 3
Fault Activity Map

Project No.	16-285.1
Scale	1"=10 mi.
Date	7/11/17

APPENDIX B

Site Photographs

Photo 2 – Western abutment, northern face. viewed west.

Photo 1 – Western abutment, southern face, viewed north. 12/20/16

Photo 3 – Eastern abutment, northern face, viewed south.

Photo 4 – Eastern abutment, southern face, viewed east.

Photo 5 – Paint condition, southern face of western abutment.

APPENDIX C

Historical Aerial Photographs

GeoSearch
On time. On target. In touch.™

Historical Aerial Photographs

Target Property:

Washington/Andora

Roseville, Placer, California 95678

Prepared For:

Crawford & Associates

Order #: 84137
Job #: 183251
Project #: 16-285.1
Date: 4/14/2017

Target Property Summary

Washington/Andora

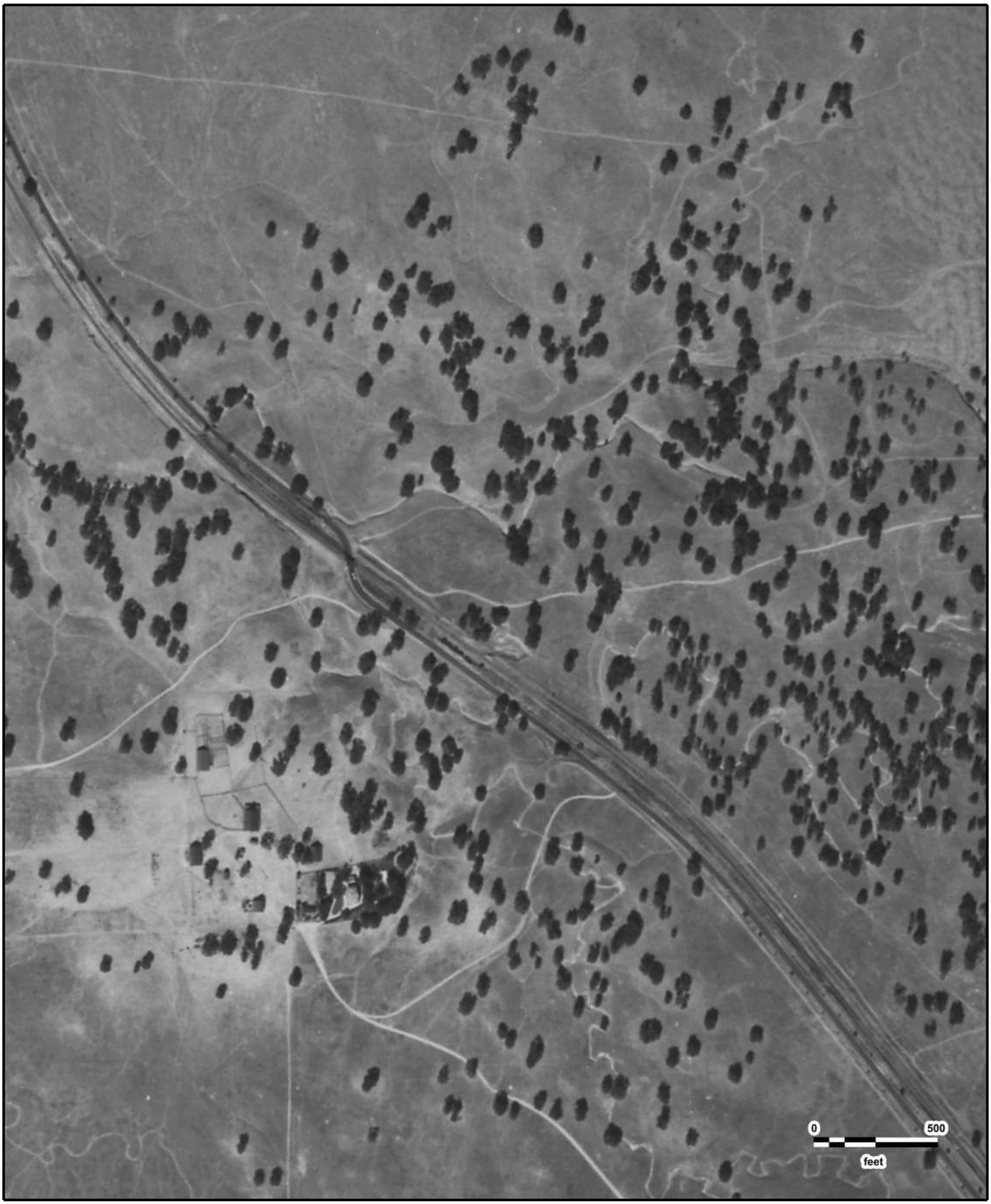
Roseville, Placer, California 95678

USGS Quadrangle: ***Roseville***
Target Property Geometry: ***Corridor***

Target Property Longitude(s)/Latitude(s):
(-121.303718090, 38.773725758), (-121.302580833, 38.770915240), (-121.302151680, 38.769693969), (-121.301980019, 38.768757089), (-121.301829815, 38.767770006), (-121.301529408, 38.767084059), (-121.300692558, 38.766197337), (-121.296143532, 38.762934774)

Aerial Research Summary

Date	Source	Scale	Frame
2014	USDA	1" = 500'	N/A
2004	USDA	1" = 500'	N/A
08/17/1998	USGS	1" = 500'	N/A
05/23/1993	USGS	1" = 500'	N/A
06/08/1984	USGS	1" = 700'	125-95
08/29/1975	USGS	1" = 500'	1-48
08/04/1966	USGS	1" = 500'	1-35
08/21/1958	ASCS	1" = 1320'	PI-2
07/28/1947	USGS	1" = 500'	1-25
10/10/1937	ASCS	1" = 500'	114-69

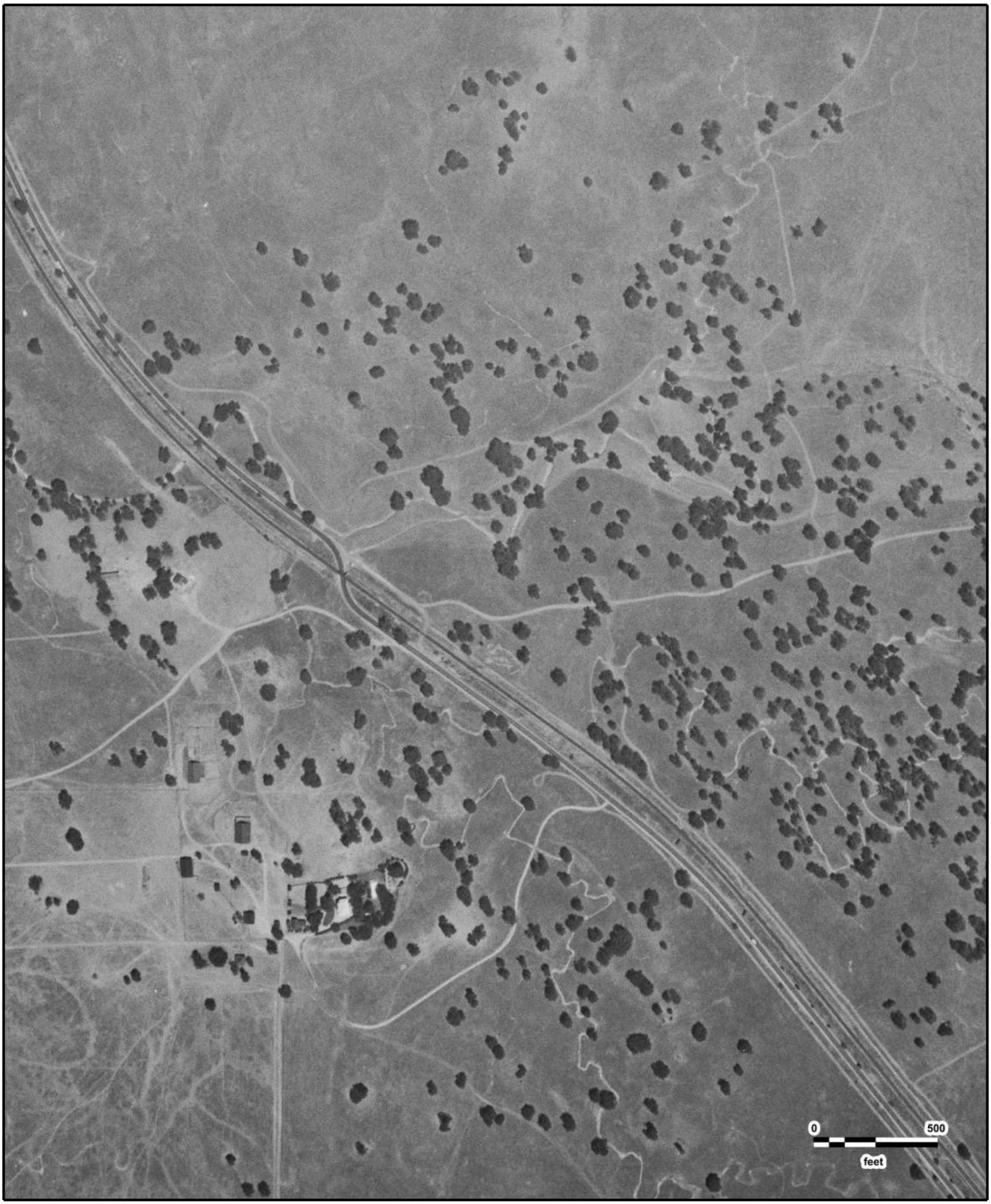


N
W E
S

Washington/Andora
ASCS
10/10/1937

GeoSearch

JOB #: 183251 - 04/14/2017

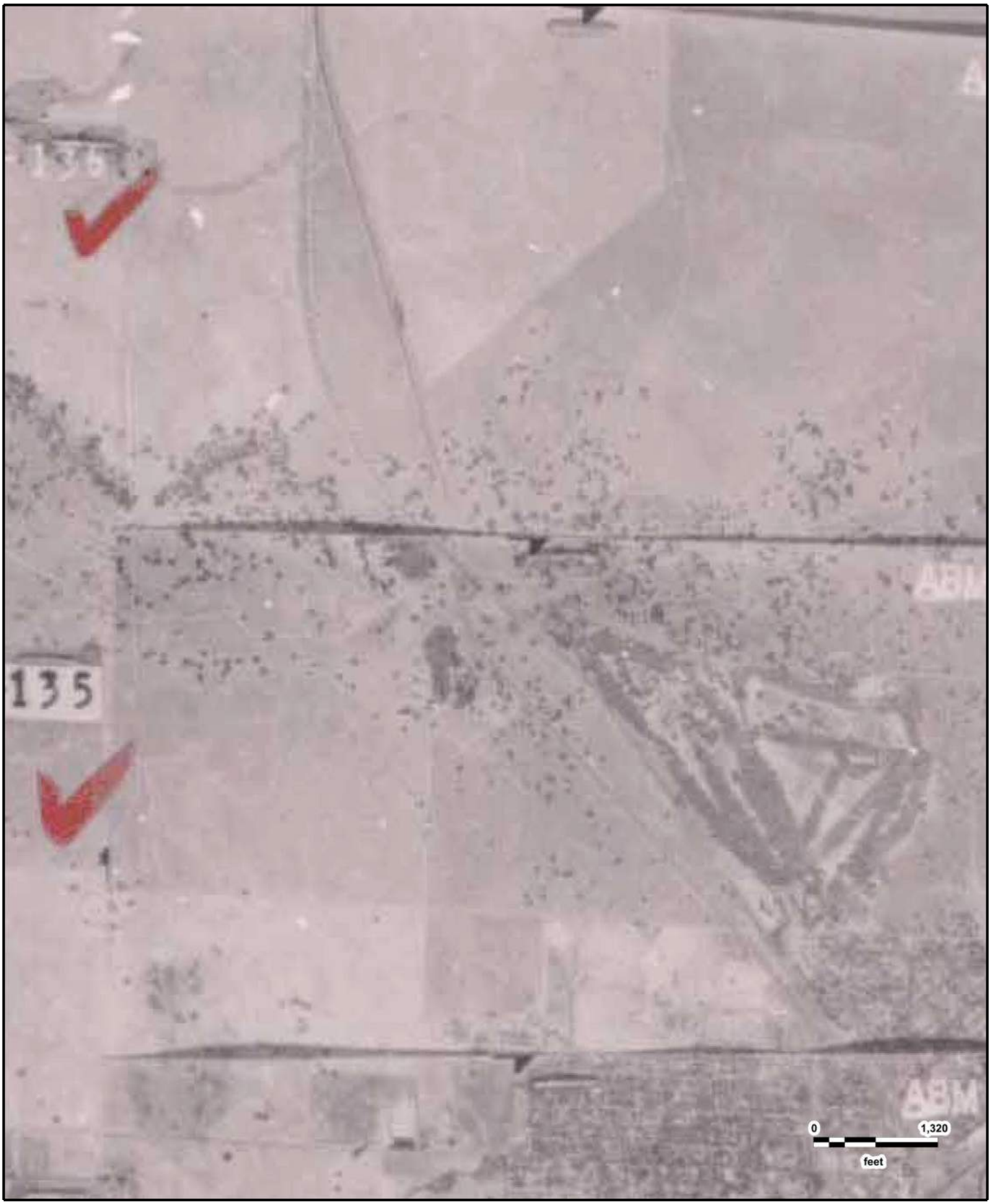


N
W E
S

Washington/Andora
USGS
07/28/1947

GeoSearch

JOB #: 183251 - 04/13/2017



N
W E
S

Washington/Andora
ASCS
08/21/1958

GeoSearch

JOB #: 183251 - 04/13/2017

N
W E
S

Washington/Andora
USGS
08/04/1966

GeoSearch

JOB #: 183251 - 04/13/2017

N
W E
S

Washington/Andora
USGS
08/29/1975

GeoSearch

JOB #: 183251 - 04/13/2017

N
W E
S

Washington/Andora
USGS
06/08/1984

GeoSearch

JOB #: 183251 - 04/13/2017

N
W E
S

Washington/Andora
USGS
05/23/1993

GeoSearch

JOB #: 183251 - 04/13/2017

N
W E
S

Washington/Andora
USGS
08/17/1998

GeoSearch

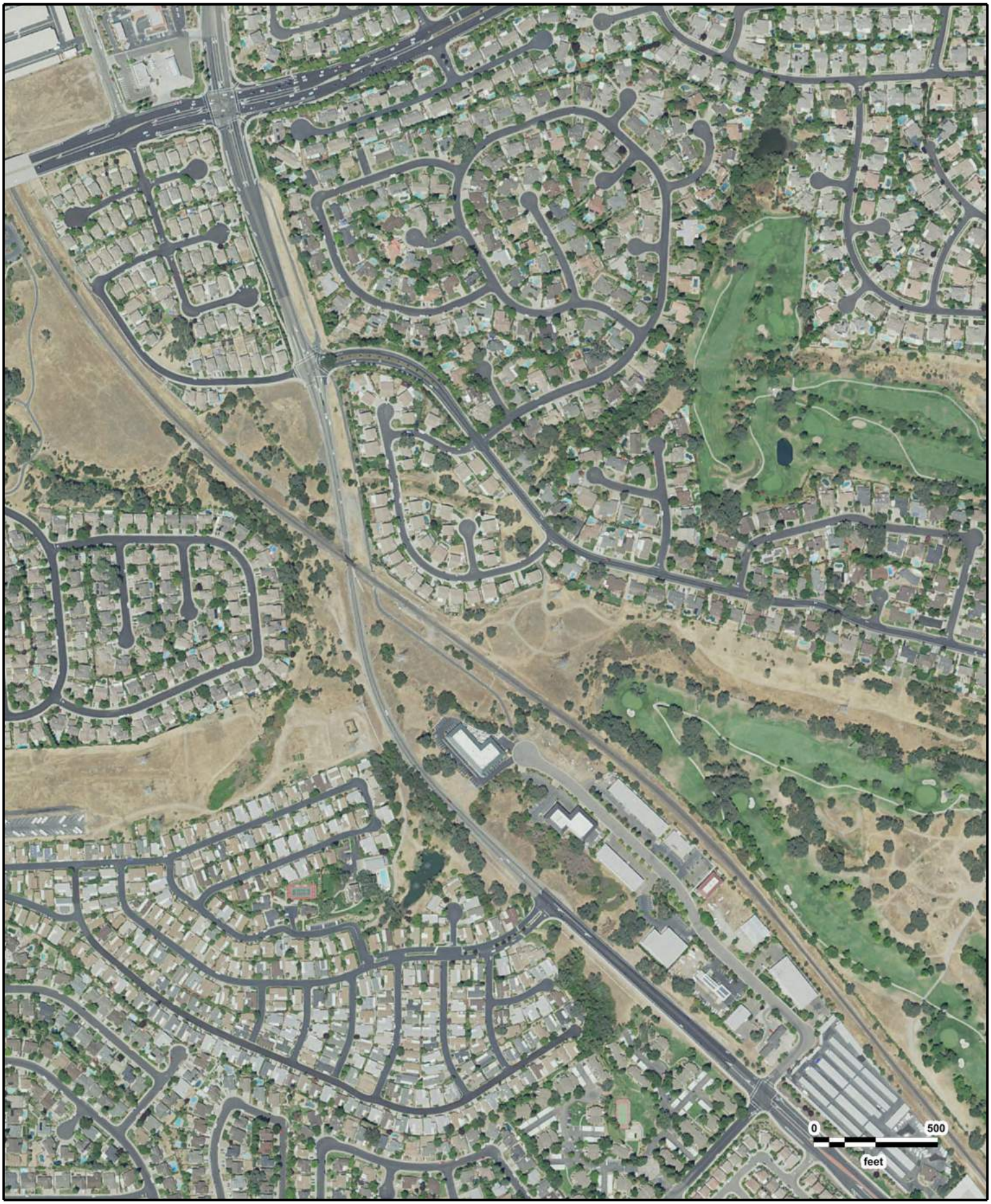
JOB #: 183251 - 04/13/2017

N
W E
S

Washington/Andora
USDA
2004

GeoSearch

JOB #: 183251 - 04/13/2017



N
W E
S

Washington/Andora
USDA
2014

GeoSearch

JOB #: 183251 - 04/13/2017

APPENDIX D

Historical Topographic Maps

GeoSearch
On time. On target. In touch.™

Historical Topographic Maps

Target Property:

Washington/Andora

Roseville, Placer, California 95678

Prepared For:

Crawford & Associates

Order #: 84137
Job #: 183250
Project #: 16-285.1
Date: 4/12/2017

Target Property Summary

Washington/Andora

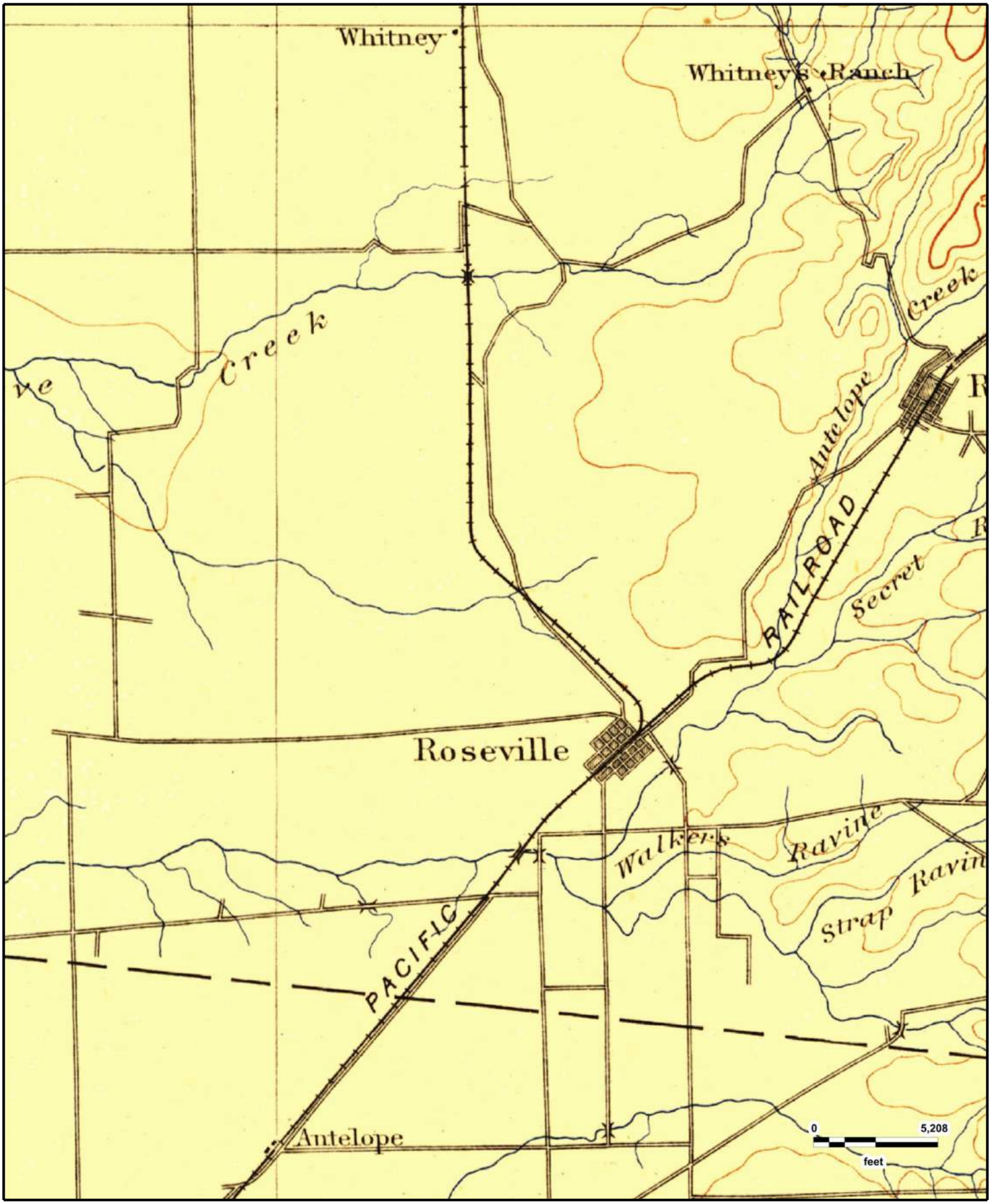
Roseville, Placer, California 95678

USGS Quadrangle: ***Roseville***
Target Property Geometry: ***Corridor***

Target Property Longitude(s)/Latitude(s):
(-121.303718090, 38.773725758), (-121.302580833, 38.770915240), (-121.302151680, 38.769693969), (-121.301980019, 38.768757089), (-121.301829815, 38.767770006), (-121.301529408, 38.767084059), (-121.300692558, 38.766197337), (-121.296143532, 38.762934774)

Topographic Map Summary

Date	Quadrangle	Scale
2012	Roseville, CA	1" = 2000'
1992	Roseville, CA	1" = 2000'
1967 PHOTOREVISED 1981	Roseville, CA	1" = 2000'
1967 PHOTOREVISED 1975	Roseville, CA	1" = 2000'
1967	Roseville, CA	1" = 2000'
1953	Roseville, CA	1" = 2000'
1910	Roseville, CA	1" = 2640'
1892	Sacramento, CA	1" = 5208'



N
W E
S

Washington/Andora
Sacramento, CA (1892)

GeoSearch

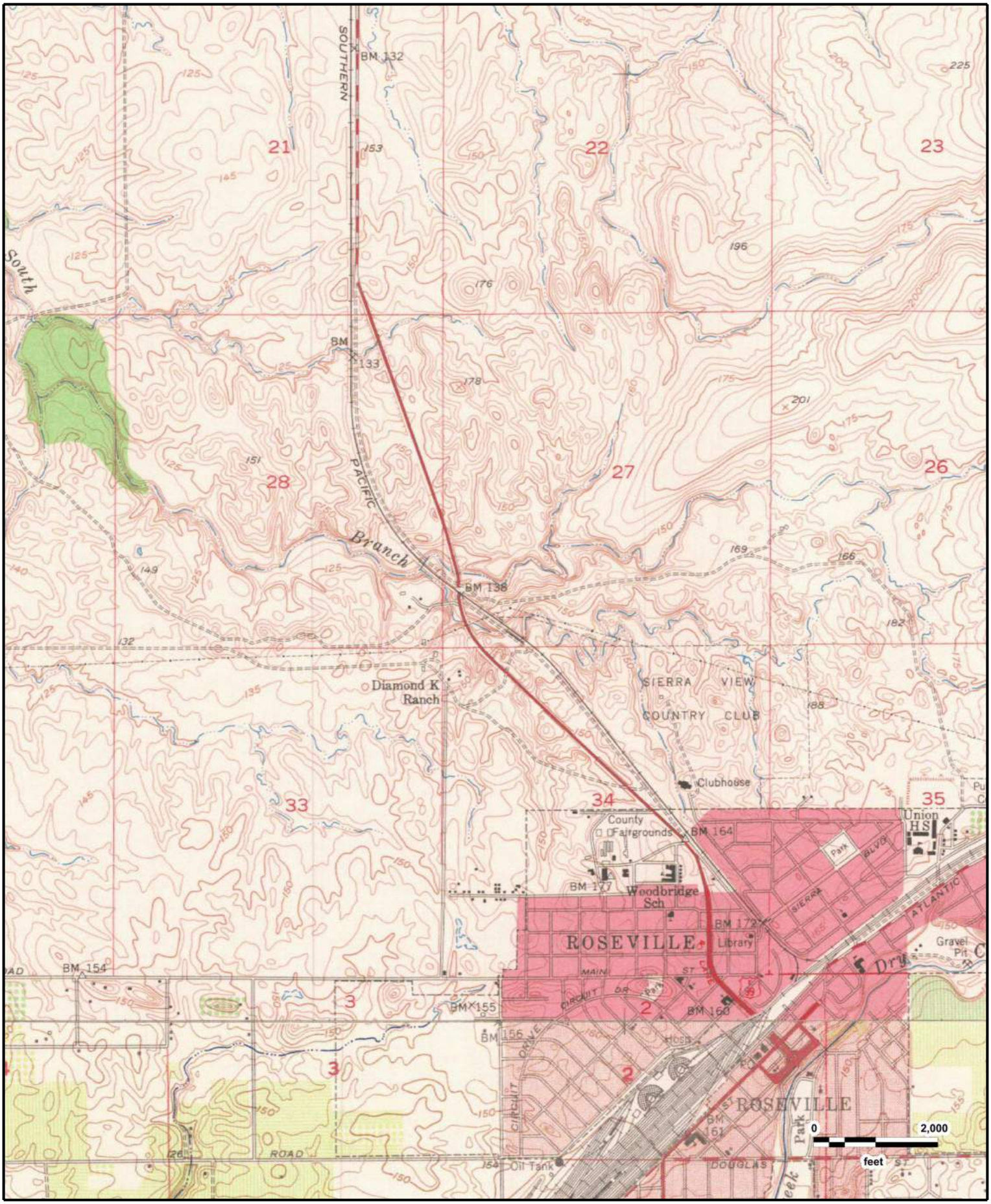
JOB #: 183250 - 04/12/2017

N
W E
S

Washington/Andora
Roseville, CA (1910)

GeoSearch

JOB #: 183250 - 04/12/2017

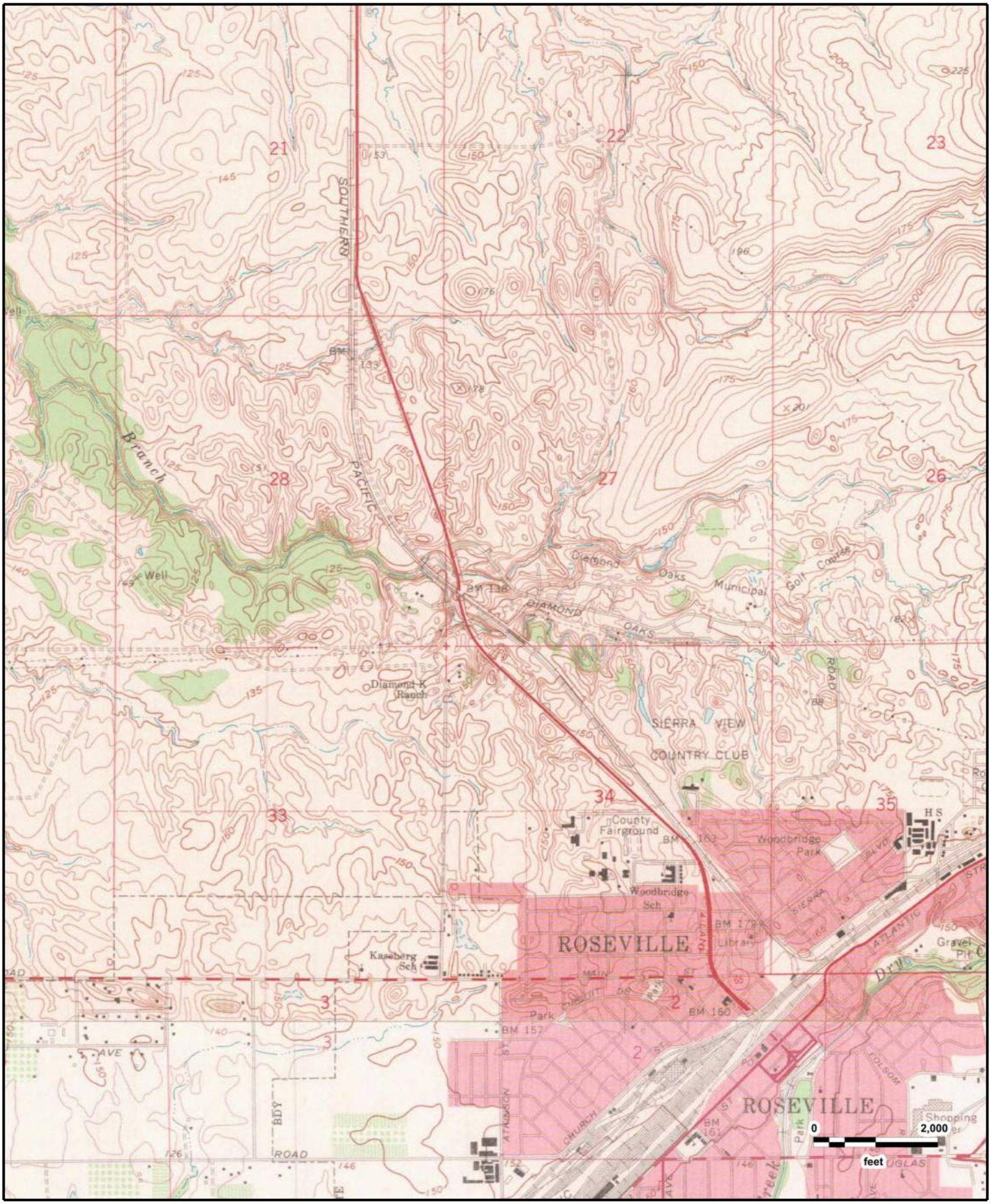


N
W E
S

Washington/Andora
Roseville, CA (1953)

GeoSearch

JOB #: 183250 - 04/12/2017

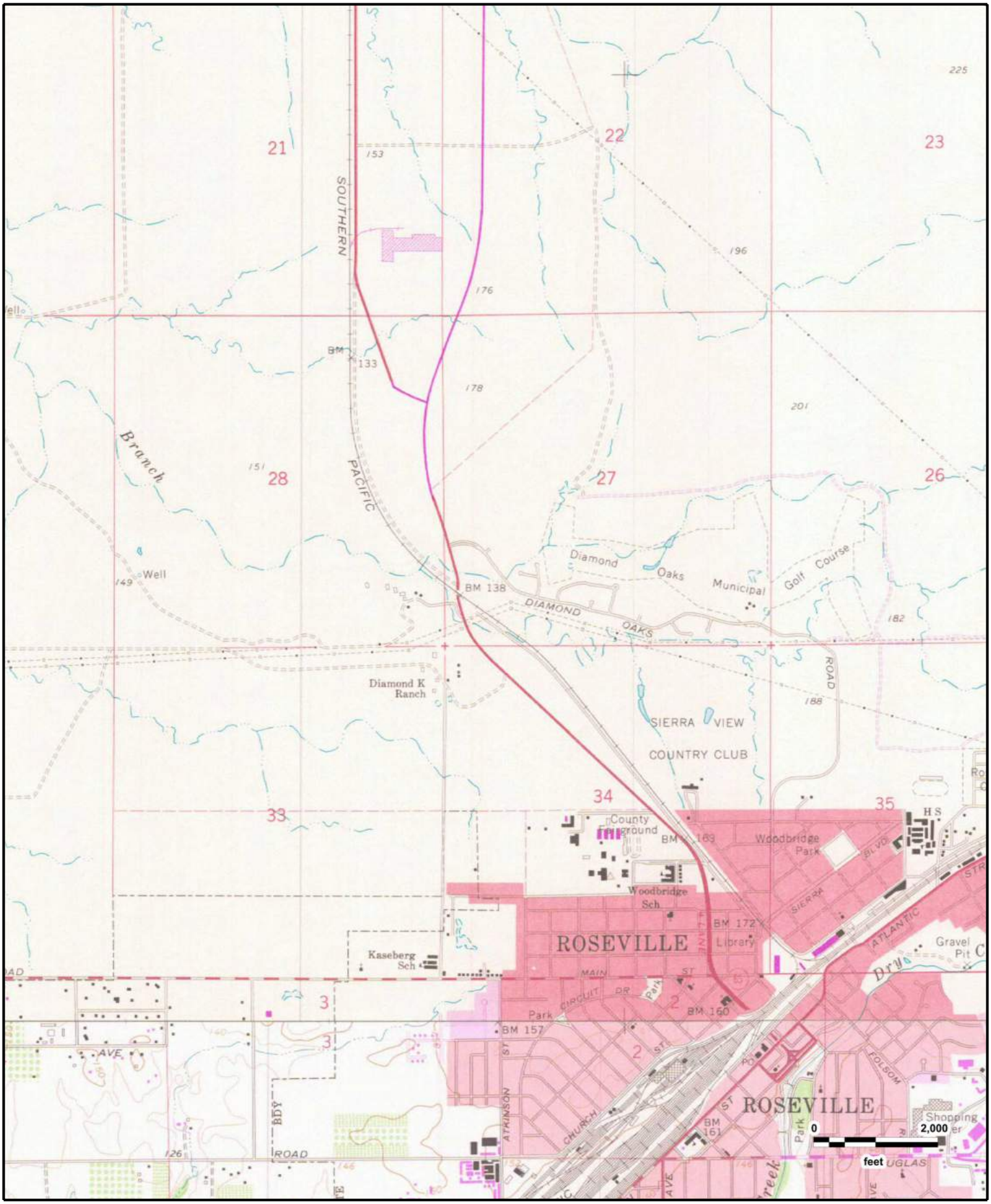


N
W E
S

Washington/Andora
Roseville, CA (1967)

GeoSearch

JOB #: 183250 - 04/12/2017

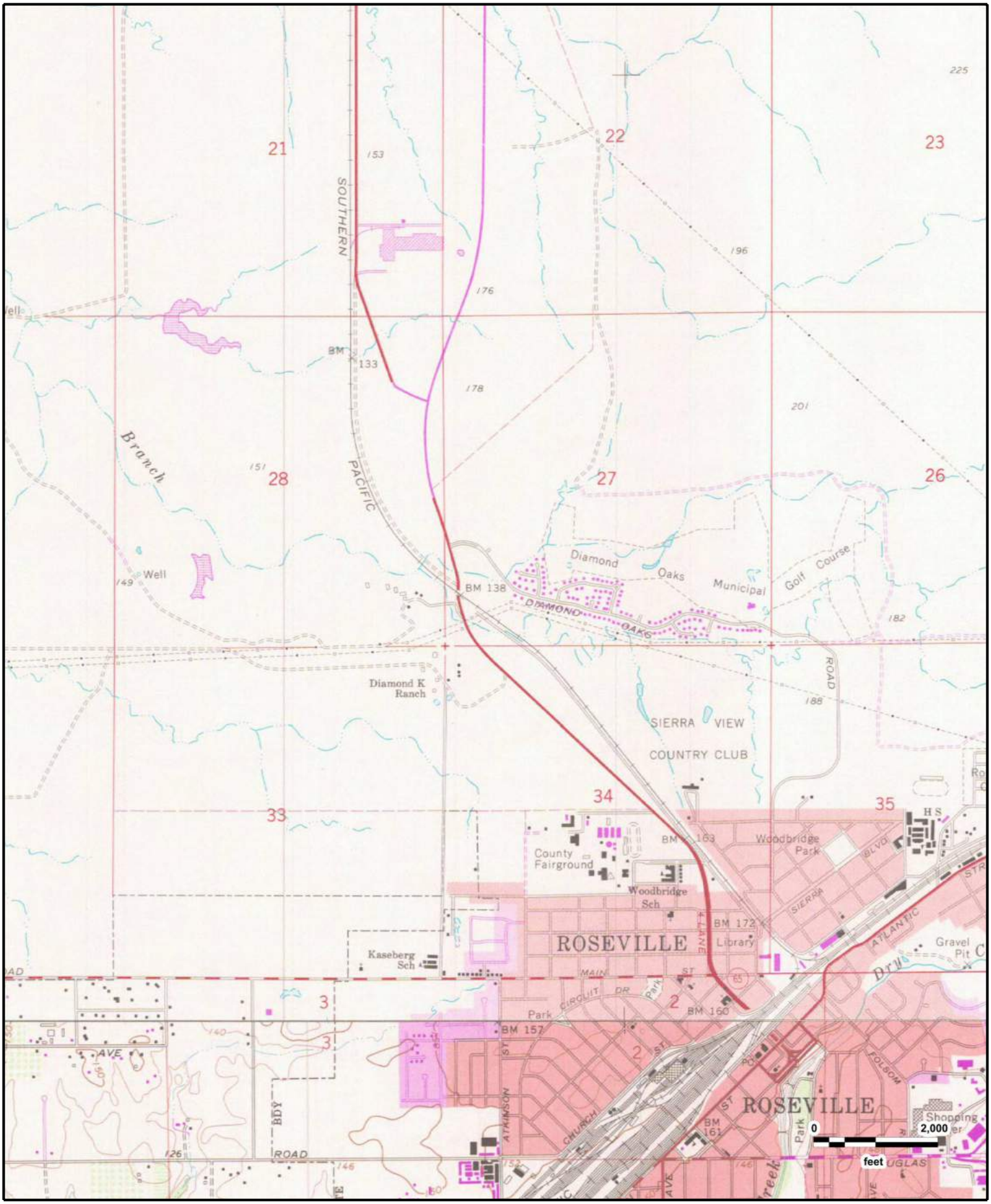


N
W E
S

Washington/Andora
Roseville, CA (1975)

GeoSearch

JOB #: 183250 - 04/12/2017

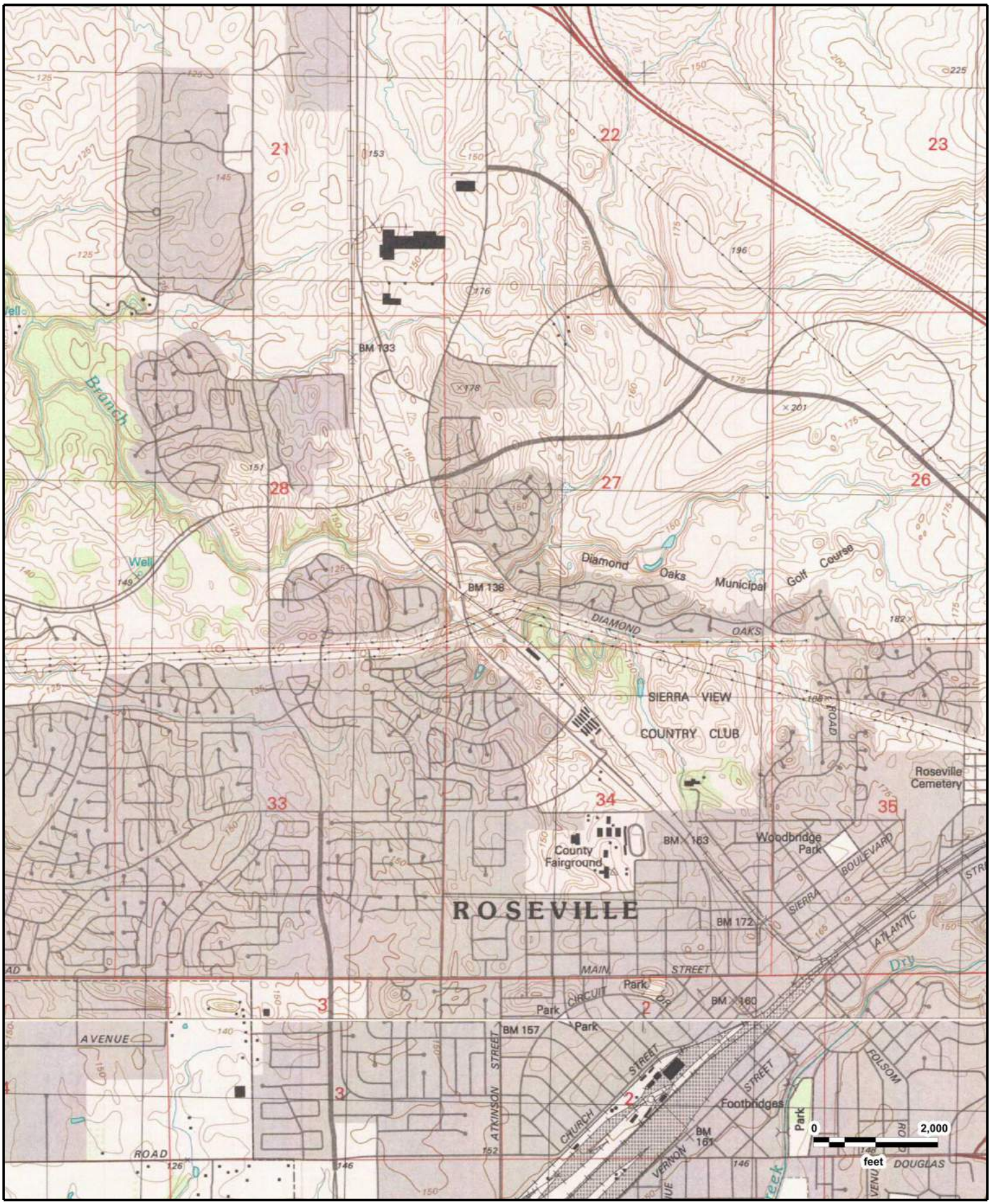


N
W E
S

Washington/Andora
Roseville, CA (1981)

GeoSearch

JOB #: 183250 - 04/12/2017

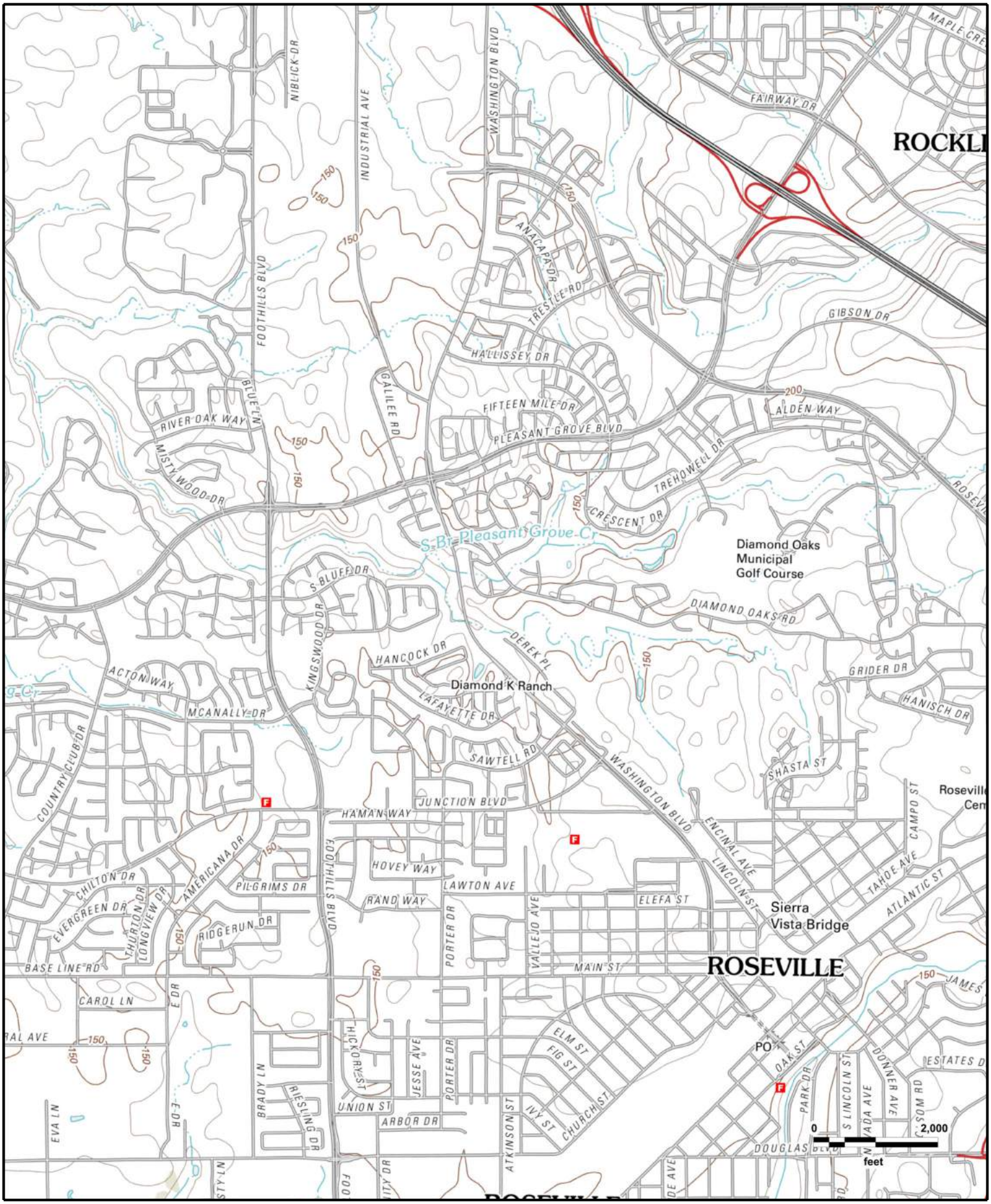


N
W E
S

Washington/Andora
Roseville, CA (1992)

GeoSearch

JOB #: 183250 - 04/12/2017



Washington/Andora
Roseville, CA (2012)

GeoSearch

JOB #: 183250 - 04/12/2017

APPENDIX E

Geosearch Radius Report

GeoSearch
On time. On target. In touch.™

Radius Report

Satellite view

Target Property:

Washington/Andora
Roseville, Placer County, California 95678

Prepared For:

Crawford & Associates

Order #: 84137
Job #: 183249
Project #: 16-285.1
Date: 04/13/2017

Table of Contents

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR §312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal,state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR §312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

Washington/Andora
Roseville, California 95678

Coordinates
Corridor

USGS Quadrangle
Roseville, CA

Geographic Coverage Information

County/Parish: Placer (CA)
ZipCode(s):
Roseville CA: 95678, 95747

Radon
* Target property is located in Radon Zone 2.
Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L (picocuries per liter).

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
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR09	1	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR09	0	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		1	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	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
FACILITY REGISTRY SYSTEM	FRSCA	0	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR09	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
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
HISTORICAL GAS STATIONS	HISTPST	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
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000

SUB-TOTAL		0	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
HISTORICAL UNDERGROUND STORAGE TANKS	HISTUST	0	0	0.2500
STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM	SWEEPS	2	0	0.2500
UNDERGROUND STORAGE TANKS	USTCUPA	1	0	0.2500
CALSITES DATABASE	CALSITES	0	0	0.5000
GEOTRACKER CLEANUP SITES	CLEANUPSITES	5	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	5	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	3	0	1.0000
ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES	ENVIROSTORPCA	0	0	1.0000

SUB-TOTAL		16	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM	CHMIRS	1	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
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
SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING	SLIC	0	0	0.2500
CORTESE LIST	CORTESE	4	0	0.5000
EXPEDITED REMOVAL ACTION PROGRAM SITES	ERAP	0	0	0.5000
LISTING OF CERTIFIED DROPOFF, COLLECTION, AND COMMUNITY SERVICE PROGRAMS	DROP	2	0	0.5000
LISTING OF CERTIFIED PROCESSORS	PROC	0	0	0.5000

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
NO FURTHER ACTION DETERMINATION	NFA	0	0	0.5000
RECYCLING CENTERS	SWRCY	2	0	0.5000
REFERRED TO ANOTHER LOCAL OR STATE AGENCY	REF	0	0	0.5000
SCHOOL PROPERTY EVALUATIONS	SCH	0	0	0.5000
SITES NEEDING FURTHER EVALUATION	NFE	0	0	0.5000
WASTE MANAGEMENT UNIT DATABASE	WMUDS	0	0	0.5000
TOXIC PITS CLEANUP ACT SITES	TOXPITS	0	0	1.0000

SUB-TOTAL		9	0	

Database Summary

LOCAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SUTTER COUNTY ABOVEGROUND STORAGE TANKS	SCAST	0	0	0.2500
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
PLACER COUNTY STORAGE TANKS	UST	0	0	0.2500
SUB-TOTAL		0	0	

Database Summary

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		26	0	

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	0	NS	NS	NS	NS	NS	0
ERNSCA	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
FRSCA	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR09	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**
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
NLRRCRAG	**0.1250**	**0**	**0**	**NS**	**NS**	**NS**	**NS**	**0**
RCRAGR09	**0.1250**	**0**	**1**	**NS**	**NS**	**NS**	**NS**	**1**
RCRANGR09	**0.1250**	**0**	**0**	**NS**	**NS**	**NS**	**NS**	**0**
HISTPST	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
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**
DOD	1.0000	0	0	0	0	0	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
FUDS	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		0	1	0	0	0	0	1

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	1	NS	NS	NS	NS	NS	1
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
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES	0.0200	0	NS	NS	NS	NS	NS	0
ABST	**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**
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**	**2**	**NS**	**NS**	**NS**	**2**
USTCUPA	**0.2500**	**0**	**0**	**1**	**NS**	**NS**	**NS**	**1**
CALSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CLEANUPSITES	**0.5000**	**0**	**0**	**1**	**4**	**NS**	**NS**	**5**
CORTESE	0.5000	0	0	0	4	NS	NS	4
DROP	0.5000	0	0	0	2	NS	NS	2
ERAP	0.5000	0	0	0	0	NS	NS	0
LUST	**0.5000**	**0**	**0**	**1**	**4**	**NS**	**NS**	**5**
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
SCH	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	2	NS	NS	2
VCP	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
WMUDS	0.5000	0	0	0	0	NS	NS	0
ENVIROSTOR	**1.0000**	**0**	**0**	**0**	**1**	**2**	**NS**	**3**
ENVIROSTORPCA	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
TOXPITS	1.0000	0	0	0	0	0	NS	0

SUB-TOTAL		1	0	5	17	2	0	25

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
SCAST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
UST	0.2500	0	0	0	NS	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

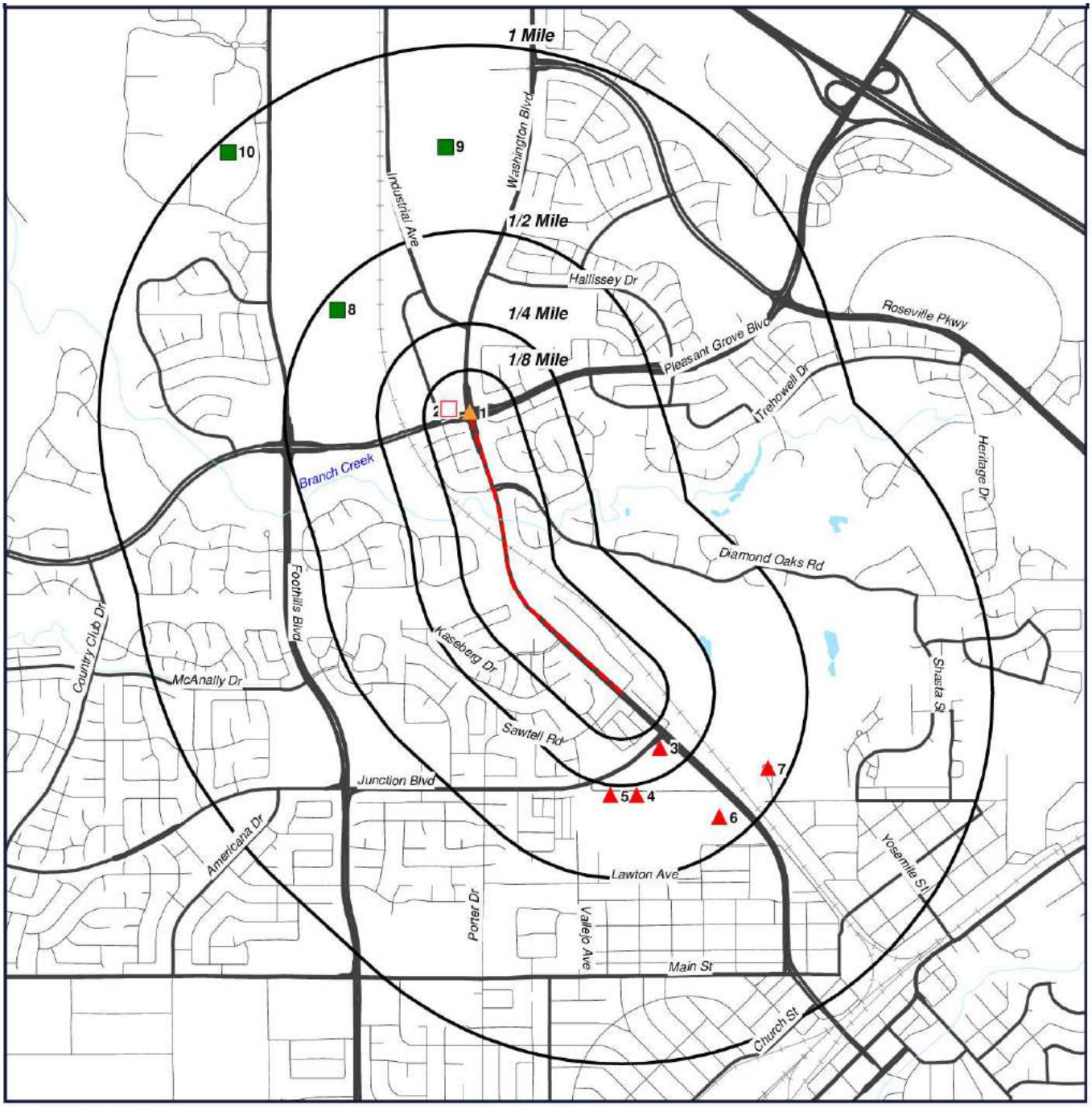
TRIBAL LISTING

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		1	1	5	17	2	0	26

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

Radius Map 1



Target Property (TP)
CHMIRS
RCRAGR09
CLEANUPSITES
ENVIROSTOR

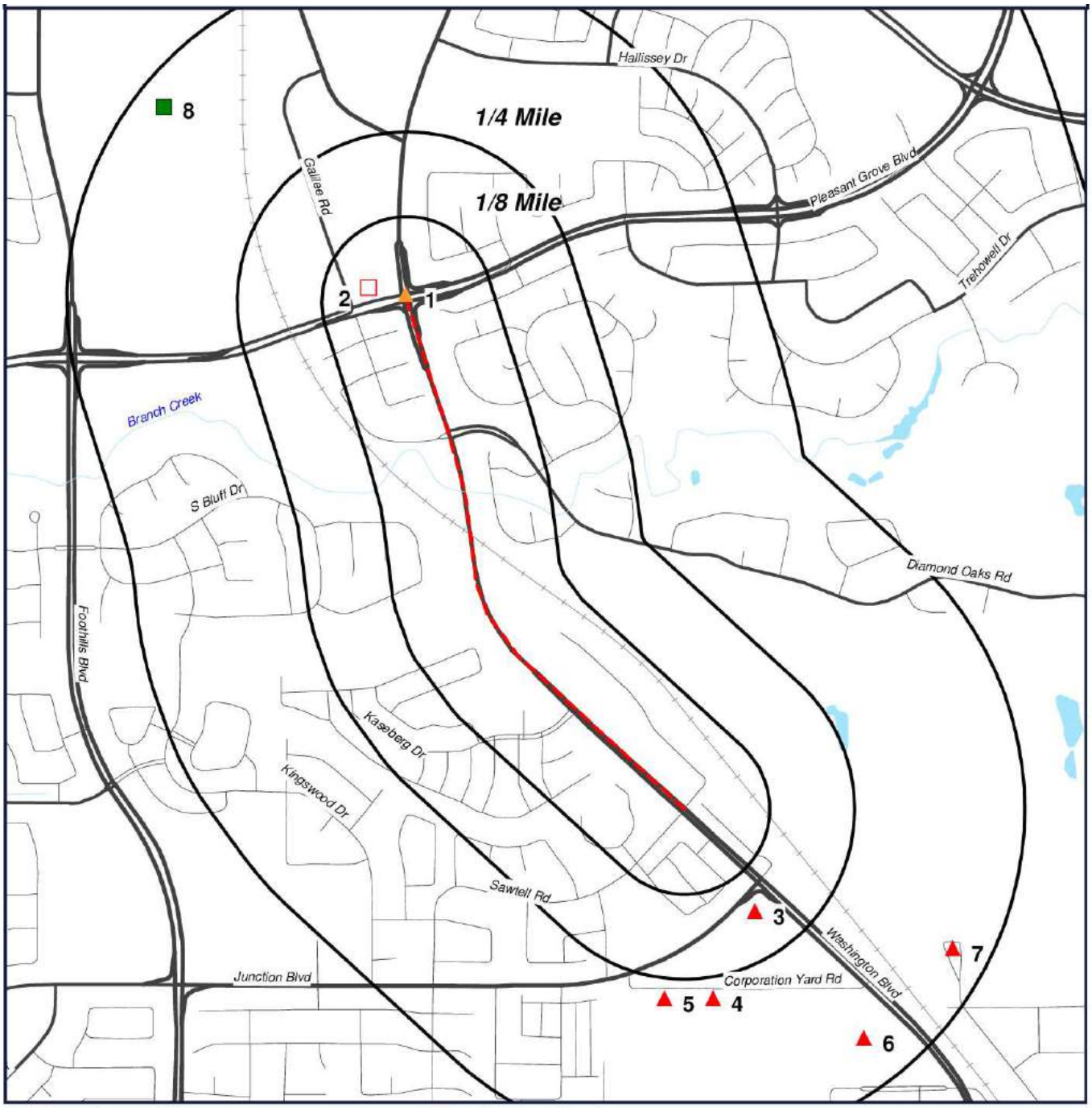
Washington/Andora
Roseville, California
95678

N
W E
S

0' 1100' 2200' 3300'
SCALE: 1" = 2200'

[Click here to access Satellite view]

Radius Map 2



Target Property (TP)
CHMIRS
RCRAGR09
CLEANUPSITES
ENVIROSTOR

Washington/Andora
Roseville, California
95678

N
W E
S

0' 600' 1200' 1800'
SCALE: 1" = 1200'

[Click here to access Satellite view]

Ortho Map

Target Property (TP)
CHMIRS
RCRAGR09
CLEANUPSITES
ENVIROSTOR

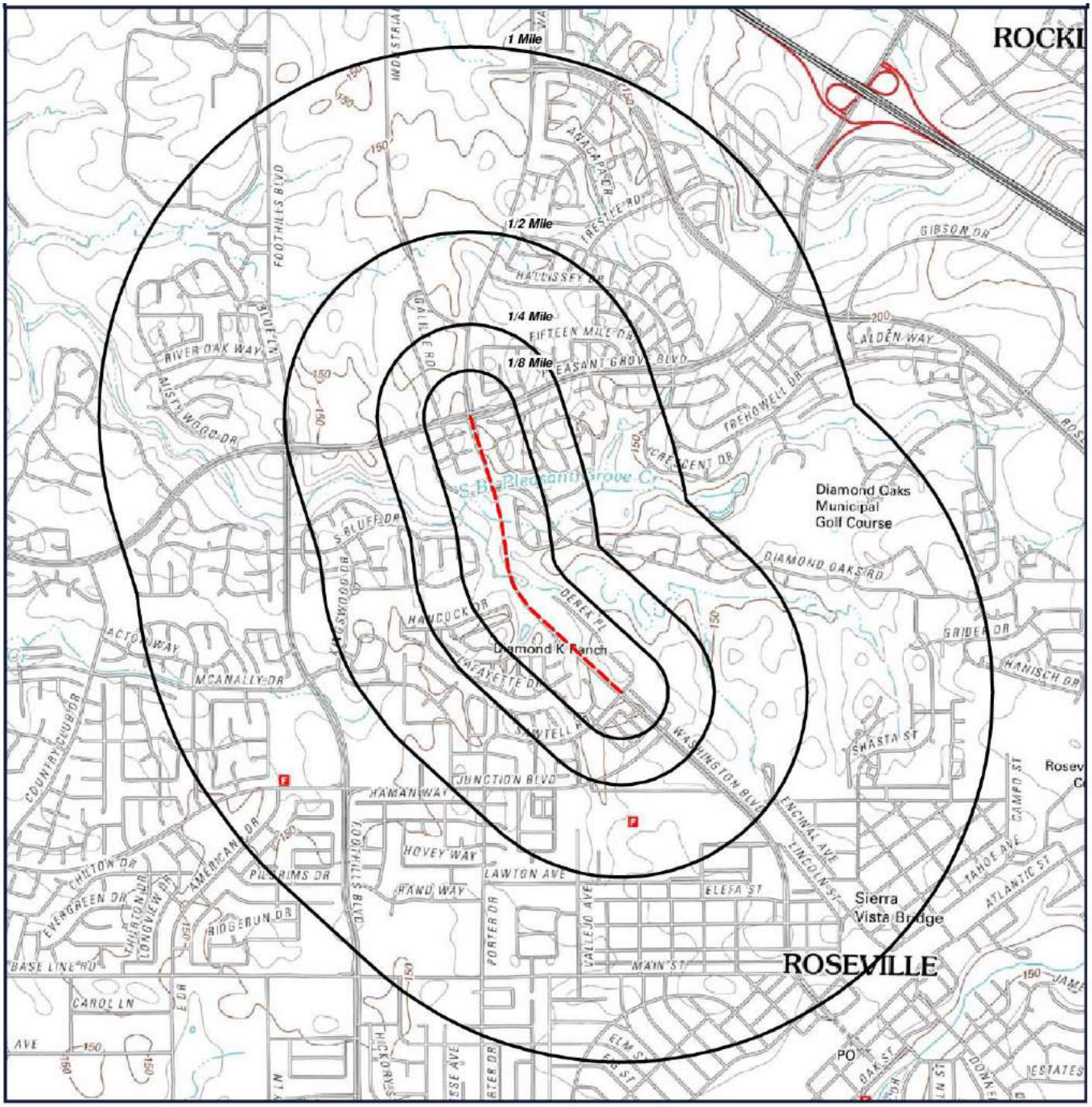
Quadrangle(s): Roseville
Washington/Andora
Roseville, California
95678

N
W E
S

0' 600' 1200' 1800'
SCALE: 1" = 1200'

[Click here to access Satellite view]

Topographic Map



Target Property (TP)

Quadrangle(s): Roseville
Source: USGS, 03/08/2012
Washington/Andora
Roseville, California
95678

N
W E
S

0' 1100' 2200' 3300'
SCALE: 1" = 2200'

[Click here to access Satellite view]

Located Sites Summary

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

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
1	CHMIRS	08-0601	0.01 mi. N (53 ft.)	STORM DRAIN	INTERSECTION OF PLEASANT GROVE BLVD AND WASHINGTON BLVD, ROSEVILLE, CA 95678	19
2	***RCRAGR09***	***CAR000118521***	***0.06 mi. W (317 ft.)***	***CHEVRON STATION NO 208398***	***8001 WASHINGTON BLVD, ROSEVILLE, CA 95678***	***20***
3	***USTCUPA***	***4115857460***	***0.19 mi. SE (1003 ft.)***	***ARCO FAC 5543***	***999 WASHINGTON BLVD, ROSEVILLE, CA 95678***	***22***
3	***SWEEPS***	***A31-015-1000***	***0.19 mi. SE (1003 ft.)***	***ARCO AM/PM MINI MARKET***	***999 WASHINGTON BLVD, ROSEVILLE, CA 95678***	***23***
3	***SWEEPS***	***A31-000-4544***	***0.19 mi. SE (1003 ft.)***	***PRESTIGE STATIONS INC #5290 ARCO #5534***	***999 WASHINGTON BLVD, ROSEVILLE, CA 95678***	***24***
3	***LUST***	***T0606143676***	***0.19 mi. SE (1003 ft.)***	***ARCO FACILITY # 5534***	***999 WASHINGTON BLVD, ROSEVILLE, CA 95678***	***25***
3	***CLEANUPSITES***	***T0606143676***	***0.19 mi. SE (1003 ft.)***	***ARCO FACILITY # 5534***	***999 WASHINGTON BLVD, ROSEVILLE, CA 95678***	***27***
4	SWRCY	SP201050.001	0.29 mi. S (1531 ft.)	PLACER SPCA	150 CORPORATION YARD RD, ROSEVILLE, CA 95678	28
4	***CLEANUPSITES***	***T0606100110***	***0.29 mi. S (1531 ft.)***	***ROSEVILLE CORPORATION YARD***	***100 CORPORATION YARD RD, ROSEVILLE, CA 95678***	***29***
4	DROP	SP201050.001	0.29 mi. S (1531 ft.)	PLACER SPCA	150 CORPORATION YARD RD, ROSEVILLE, CA 95678	31
4	***LUST***	***T0606100110***	***0.29 mi. S (1531 ft.)***	***ROSEVILLE CORPORATION YARD***	***100 CORPORATION YARD RD, ROSEVILLE, CA 95678***	***32***
4	CORTESE	310134	0.29 mi. S (1531 ft.)	ROSEVILLE CORPORATION YAR	100 CORPORATION YARD, ROSEVILLE, CA 95678	34
5	***CLEANUPSITES***	***T0606100276***	***0.29 mi. S (1531 ft.)***	***PLACER CO CORPORATION YARD***	***200 CORPORATION YARD RD, ROSEVILLE, CA 95678***	***35***
5	***LUST***	***T0606100276***	***0.29 mi. S (1531 ft.)***	***PLACER CO CORPORATION YARD***	***200 CORPORATION YARD RD, ROSEVILLE, CA 95678***	***38***
5	CORTESE	310334	0.29 mi. S (1531 ft.)	PLACER CO CORPORATION YAR	200 CORPORATION YARD, ROSEVILLE, CA 95678	40
6	***CLEANUPSITES***	***T0606100208***	***0.44 mi. SE (2323 ft.)***	***PLACER CO FAIR***	***800 ALL AMERICAN BLVD, ROSEVILLE, CA 95678***	***41***
6	***LUST***	***T0606100208***	***0.44 mi. SE (2323 ft.)***	***PLACER CO FAIR***	***800 ALL AMERICAN BLVD, ROSEVILLE, CA 95678***	***45***
6	CORTESE	310258	0.44 mi. SE (2323 ft.)	PLACER CO FAIR	800 ALL AMERICAN, ROSEVILLE, CA 95678	47
7	***CLEANUPSITES***	***T0606100139***	***0.46 mi. SE (2429 ft.)***	***SIERRA VIEW COUNTRY CLUB***	***105 ALTA VISTA DR, ROSEVILLE, CA 95678***	***48***
7	***LUST***	***T0606100139***	***0.46 mi. SE (2429 ft.)***	***SIERRA VIEW COUNTRY CLUB***	***105 ALTA VISTA DR, ROSEVILLE, CA 95678***	***49***
7	CORTESE	310170	0.46 mi. SE (2429 ft.)	SIERRA VIEW COUNTRY CLUB	105 ALTA VISTA, ROSEVILLE, CA 95678	51
8	DROP	CP216915.001	0.47 mi. NW (2482 ft.)	TSI SAFETY FUND PROGRAM	7501 FOOTHILLS BLVD, ROSEVILLE, CA 95747	52
8	***ENVIROSTOR***	***71002698***	***0.47 mi. NW (2482 ft.)***	***NEC ELECTRONICS, INC.***	***7501 FOOTHILLS BOULEVARD, ROSEVILLE, CA 95747***	***53***
8	SWRCY	CP216915.001	0.47 mi. NW (2482 ft.)	TSI SAFETY FUND PROGRAM	7501 FOOTHILLS BLVD, ROSEVILLE, CA 95747	54

Located Sites Summary

9	ENVIROSTOR	31320001	0.74 mi. N (3907 ft.)	AMERICAN OLEAN TILE COMPANY	8250 INDUSTRIAL AVENUE, ROSEVILLE, CA 95678	55
10	ENVIROSTOR	71003536	0.98 mi. NW (5174 ft.)	HEWLETT-PACKARD CO. - ROSEVILLE	8000 FOOTHILLS BOULEVARD, ROSEVILLE, CA 95747	56

California Hazardous Material Incident Report System (CHMIRS)

MAP ID# 1 **Distance from Property: 0.01 mi. (53 ft.) N**

INCIDENT INFORMATION

CONTROL #: **08-0601**
NOTIFIED: **01/21/08**
AGENCY: **ROSEVILLE FD**
ADMINISTRATION: **ROSEVILLE FIRE DEPARTMENT**
INCIDENT LOCATION: **INTERSECTION OF PLEASANT GROVE BLVD AND WASHINGTON BLVD**
ROSEVILLE, CA 95678
INCIDENT COUNTY: **SACRAMENTO**

SUBSTANCE INFORMATION

SUBSTANCE: **DIESEL**
QUANTITY: **30**
TYPE: **GAL(S)**

INCIDENT DESCRIPTION

RP STATES THAT SOME ROAD DEBRIS PUNCTURED A SADDLE FUEL TANK ON A SEMI TRUCK CAUSING A RELEASE OF DIESEL FUEL. SPILL CONTAINED AND RECOVERED FROM THE SUMP OF STORM DRAIN.

CONTAINED: **YES**
WATER INVOLVED / WATERWAY: **YES / STORM DRAIN**
DATE AND TIME: **1/21/2008**
SITE: **ROAD**
INJURIES: **0**
FATALITIES: **0**
EVACUATIONS: **0**
CLEANUP BY: **FIRE DEPT.**

Back to Report Summary

Resource Conservation & Recovery Act - Generator (RCRAGR09)

MAP ID# 2 **Distance from Property: 0.06 mi. (317 ft.) W**

FACILITY INFORMATION

EPA ID#: **CAR000118521**
NAME: **CHEVRON STATION NO 208398**
ADDRESS: **8001 WASHINGTON BLVD**
ROSEVILLE, CA 95678
CONTACT NAME: **KATHY NORRIS**
CONTACT ADDRESS: **P O BOX 6004**
SAN RAMON CA 94583
CONTACT PHONE: **9258425931**
NON-NOTIFIER: **NOT A NON-NOTIFIER**
DATE RECEIVED BY AGENCY: **05/16/2002**

OWNER TYPE: **PRIVATE**
OWNER NAME: **CHEVRON PRODUCTS CO**
OPERATOR TYPE: **NOT REPORTED**
OPERATOR NAME: **NOT REPORTED**

CERTIFICATION **- NO CERTIFICATION REPORTED -**
INDUSTRY CLASSIFICATION (NAICS) **- NO NAICS INFORMATION REPORTED -**
SITE HISTORY (INCLUDES GENERATORS AND NON-GENERATORS)
DATE RECEIVED BY AGENCY: **05/16/2002**
NAME: **CHEVRON STATION NO 208398**

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **SMALL QUANTITY GENERATOR** LAST UPDATED DATE: **10/07/2002**
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

D001 **IGNITABLE WASTE**
D018 **BENZENE**

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

CORRECTIVE ACTION EVENT **- NO CORRECTIVE ACTION EVENT REPORTED -**

Back to Report Summary

Underground Storage Tanks (USTCUPA)

MAP ID# 3 **Distance from Property: 0.19 mi. (1,003 ft.) SE**

FACILITY INFORMATION

GEOSEARCH ID: **4115857460** FACILITY ID: **31-015-001000**

NAME: **ARCO FAC 5543**

ADDRESS: **999 WASHINGTON BLVD**
ROSEVILLE, CA 95678

COUNTY: **PLACER**

FACILITY DETAILS

OTHER FACILITY NAME(S) LISTED FOR THIS SITE: **ARCO FAC 5543**

PERMIT AGENCY: **ROSEVILLE, CITY OF**

Back to Report Summary

MAP ID# 3 **Distance from Property: 0.19 mi. (1,003 ft.) SE**

FACILITY INFORMATION

FACILITY #: **1000**
BOE: **44-000506**
NAME: **ARCO AM/PM MINI MARKET**
ADDRESS: **999 WASHINGTON BLVD**
ROSEVILLE, CA 95678

STATUS: **ACTIVE**
JURISDICTION: **CITY OF ROSEVILLE**
AGENCY: **FIRE DEPARTMENT**

TANK INFORMATION

TANK #: **000001**
INSTALLED: **NOT REPORTED**
TANK USE: **M.V. FUEL**
CONTENT: **REG UNLEADED**
CAPACITY: **12000**
REMOVED: **NOT REPORTED**
STORAGE TYPE: **PRODUCT**
CONTAINMENT: **NOT REPORTED**

TANK #: **000002**
INSTALLED: **NOT REPORTED**
TANK USE: **M.V. FUEL**
CONTENT: **REG UNLEADED**
CAPACITY: **12000**
REMOVED: **NOT REPORTED**
STORAGE TYPE: **PRODUCT**
CONTAINMENT: **NOT REPORTED**

TANK #: **000003**
INSTALLED: **NOT REPORTED**
TANK USE: **M.V. FUEL**
CONTENT: **LEADED**
CAPACITY: **12000**
REMOVED: **NOT REPORTED**
STORAGE TYPE: **PRODUCT**
CONTAINMENT: **NOT REPORTED**

Back to Report Summary

MAP ID# 3 **Distance from Property: 0.19 mi. (1,003 ft.) SE**

FACILITY INFORMATION

FACILITY #: **4544**
STATUS: **ACTIVE**
BOE: **NOT REPORTED**
JURISDICTION: **PLACER COUNTY**
NAME: **PRESTIGE STATIONS INC #5290 ARCO #5534**
AGENCY: **ENVIRONMENTAL HEALTH DEPT.**
ADDRESS: **999 WASHINGTON BLVD**
ROSEVILLE, CA 95678

TANK INFORMATION

TANK #: **000001**
CAPACITY: **12000**
INSTALLED: **NOT REPORTED**
REMOVED: **NOT REPORTED**
TANK USE: **M.V. FUEL**
STORAGE TYPE: **PRODUCT**
CONTENT: **LEADED**
CONTAINMENT: **NOT REPORTED**

TANK #: **000002**
CAPACITY: **12000**
INSTALLED: **NOT REPORTED**
REMOVED: **NOT REPORTED**
TANK USE: **M.V. FUEL**
STORAGE TYPE: **PRODUCT**
CONTENT: **REG UNLEADED**
CONTAINMENT: **NOT REPORTED**

TANK #: **000003**
CAPACITY: **12000**
INSTALLED: **NOT REPORTED**
REMOVED: **NOT REPORTED**
TANK USE: **M.V. FUEL**
STORAGE TYPE: **PRODUCT**
CONTENT: **REG UNLEADED**
CONTAINMENT: **NOT REPORTED**

Back to Report Summary

MAP ID# 3 **Distance from Property: 0.19 mi. (1,003 ft.) SE**

SITE INFORMATION

ID#: **T0606143676** REGIONAL CASE #: **310396**
LOCAL CASE #: **NOT REPORTED**
SITE NAME: **ARCO FACILITY # 5534**
RESPONSIBLE PARTY: **JOHN SCHETTER**
ADDRESS: **999 WASHINGTON BLVD**
ROSEVILLE, CA 95678
ADDRESS: **FOUR CENTERPOINTE DRIVE, LPR4-451**
CROSS STREET: **HWY 65/JUNCTION BLVD**
COUNTY: **PLACER**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **UNDETERMINED**
CASE WAS REPORTED: **2003-01-20**
CASE ENTERED INTO SYSTEM: **NOT REPORTED**
CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **2003-06-02**
ENFORCEMENT TYPE: **CLOSURE LETTER**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
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: **YES**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **SOIL SAMPLE OBTAINED DURING THE LINE REPLACEMENT HAD A MTBE = 48 PPB. A SOIL REPORT FOR THE LINE UPGRADE WILL BE ISSUED SOON.**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED**
DATE LEAK WAS DISCOVERED: **2003-01-20**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED**
LEAK WAS STOPPED: **2003-01-20**
CAUSE OF LEAK: **NOT REPORTED**
SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
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: **2003-01-20**
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

MAP ID# 3 **Distance from Property: 0.19 mi. (1,003 ft.) SE**

FACILITY INFORMATION

GLOBAL ID: **T0606143676**
URL LINK: CLICK HERE
BUSINESS NAME: **ARCO FACILITY # 5534**
ADDRESS: **999 WASHINGTON BLVD**
ROSEVILLE, CA 95678
COUNTY: **PLACER**

FACILITY DETAILS

CASE TYPE: **LUST CLEANUP SITE**
CASE NUMBER: **310396**
STATUS: **COMPLETED - CASE CLOSED 06/02/2003**
POTENTIAL CONTAMINATION:
GASOLINE
POTENTIAL MEDIA AFFECTED:
UNDER INVESTIGATION
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	**01/01/50**	**LEAK DISCOVERY**
OTHER	**01/01/50**	**LEAK REPORTED**
OTHER	**01/01/50**	**LEAK STOPPED**
REMEDIATION	**01/01/50**	**OTHER (USE DESCRIPTION FIELD)**
ENFORCEMENT	**06/02/2003**	**CLOSURE/NO FURTHER ACTION LETTER**
OTHER	**01/20/2003**	**LEAK DISCOVERY**
OTHER	**01/20/2003**	**LEAK REPORTED**
OTHER	**01/20/2003**	**LEAK STOPPED**
REMEDIATION	**01/20/2003**	**OTHER (USE DESCRIPTION FIELD)**

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	**06/02/2003**
OPEN - CASE BEGIN DATE	**01/20/2003**
OPEN - SITE ASSESSMENT	**01/20/2003**

CONTACT DETAILS

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

Back to Report Summary

MAP ID# 4 **Distance from Property: 0.29 mi. (1,531 ft.) S**

SITE INFORMATION

ID #: **SP201050.001**
NAME: **PLACER SPCA**
ADDRESS: **150 CORPORATION YARD RD**
CITY: **ROSEVILLE**
STATE: **CA**
ZIP: **95678**
COUNTY: **PLACER**

SITE DETAILS

OPERATION BEGIN DATE: **04/23/14**
OPERATION END DATE: **NOT REPORTED**
PROGRAM PHONE: **(916) 782-7722X106**
ORGANIZATION NAME: **PLACER SPCA**
ADDRESS: **150 CORPORATION YARD RD**
ROSEVILLE CA 95678
GLASS: **ACCEPTED**
ALUMINIUM: **ACCEPTED**
PLASTIC: **ACCEPTED**
BIMETAL: **NOT ACCEPTED**

Back to Report Summary

MAP ID# 4 **Distance from Property: 0.29 mi. (1,531 ft.) S**

FACILITY INFORMATION

GLOBAL ID: **T0606100110**
URL LINK: CLICK HERE
BUSINESS NAME: **ROSEVILLE CORPORATION YARD**
ADDRESS: **100 CORPORATION YARD RD**
ROSEVILLE, CA 95678
COUNTY: **PLACER**

FACILITY DETAILS

CASE TYPE: **LUST CLEANUP SITE**
CASE NUMBER: **310134**
STATUS: **COMPLETED - CASE CLOSED 11/02/2004**
POTENTIAL CONTAMINATION:
DIESEL
POTENTIAL MEDIA AFFECTED:
AQUIFER USED FOR DRINKING WATER SUPPLY
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	01/01/50	LEAK DISCOVERY
OTHER	01/01/50	LEAK REPORTED
ENFORCEMENT	11/02/2004	CLOSURE/NO FURTHER ACTION LETTER
RESPONSE	10/15/2004	UNKNOWN
ENFORCEMENT	05/26/2004	STAFF LETTER
RESPONSE	04/15/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	01/26/2004	STAFF LETTER
RESPONSE	01/15/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	09/10/2003	SITE VISIT / INSPECTION / SAMPLING
ENFORCEMENT	09/09/2003	STAFF LETTER
RESPONSE	04/15/2003	TANK REMOVAL REPORT / UST SAMPLING REPORT
ENFORCEMENT	10/17/2002	STAFF LETTER
ENFORCEMENT	09/23/2002	STAFF LETTER
ENFORCEMENT	09/13/2002	NOTICE TO COMPLY
RESPONSE	08/30/2002	SOIL AND WATER INVESTIGATION REPORT
ENFORCEMENT	08/19/2002	FILE REVIEW
ENFORCEMENT	07/24/2002	WARNING LETTER
ENFORCEMENT	05/22/2002	STAFF LETTER
ENFORCEMENT	11/29/2000	STAFF LETTER
ENFORCEMENT	08/22/2000	* HISTORICAL ENFORCEMENT
ENFORCEMENT	08/22/2000	STAFF LETTER
ENFORCEMENT	04/13/2000	STAFF LETTER
ENFORCEMENT	04/12/2000	STAFF LETTER
ENFORCEMENT	02/24/2000	STAFF LETTER

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	**02/23/2000**	**STAFF LETTER**
OTHER	**08/26/1991**	**LEAK REPORTED**
OTHER	**08/21/1991**	**LEAK DISCOVERY**

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	**11/02/2004**
OPEN - CASE BEGIN DATE	**08/21/1991**
OPEN - SITE ASSESSMENT	**08/25/1994**
OPEN - SITE ASSESSMENT	**11/14/2000**
OPEN - VERIFICATION MONITORING	**11/23/1999**

CONTACT DETAILS

ORGANIZATION: **ROSEVILLE, CITY OF**
ADDRESS: **401 OAK STREET**
CITY: **ROSEVILLE**
CONTACT NAME: **THOMAS DODARO**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **TDODARO@ROSEVILLE.CA.US**
ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **PAUL SANDERS**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **PSANDERS@WATERBOARDS.CA.GOV**

Back to Report Summary

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

MAP ID# 4 **Distance from Property: 0.29 mi. (1,531 ft.) S**

SITE INFORMATION

ID #: **SP201050.001**
NAME: **PLACER SPCA**
ADDRESS: **150 CORPORATION YARD RD**
CITY: **ROSEVILLE**
STATE: **CA**
ZIP: **95678**
COUNTY: **PLACER**

SITE DETAILS

OPERATION BEGIN DATE: **04/23/2014**
OPERATION END DATE: **NOT REPORTED**
PROGRAM PHONE: **(916) 782-7722X106**
ORGANIZATION NAME: **PLACER SPCA**
ADDRESS: **150 CORPORATION YARD RD**
ROSEVILLE CA 95678
GLASS: **ACCEPTED**
ALUMINIUM: **ACCEPTED**
PLASTIC: **ACCEPTED**
BIMETAL: **NOT ACCEPTED**

Back to Report Summary

Leaking Underground Storage Tanks (LUST)

MAP ID# 4 **Distance from Property: 0.29 mi. (1,531 ft.) S**

SITE INFORMATION

ID#: **T0606100110** REGIONAL CASE #: **310134** LOCAL CASE #: **NOT REPORTED**

SITE NAME: **ROSEVILLE CORPORATION YARD** RESPONSIBLE PARTY: **ROSEVILLE CITY**

ADDRESS: **100 CORPORATION YARD RD** ADDRESS: **100 CORPORATION YARD RD,ROSEVILLE,CA 9567**
ROSEVILLE, CA 95678

CROSS STREET: **WASHINGTON**

COUNTY: **PLACER**

FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **DRINKING WATER AQUIFER** CASE WAS REPORTED: **1991-08-26**

CASE ENTERED INTO SYSTEM: **1991-09-13** CASE WAS REVIEWED: **2002-04-03**

CASE WAS CLOSED: **2004-11-02**

ENFORCEMENT TYPE: **CLOSURE LETTER**

ENFORCEMENT BEGAN: **2000-11-29**

FUNDING TYPE: **NOT REPORTED**

REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**

PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**

INTERIM FOR THE CASE: **NOT REPORTED**

CURRENT STATUS: **9 - CASE CLOSED**

LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **NOT REPORTED**

MTBE CLASSIFICATION: **NOT REPORTED**

MAXIMUM MTBE CONCENTRATION WAS FOUND: **2001-06-04**

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **5.00**

MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**

NUMBER OF MTBE ANALYTICAL RESULTS: **5** MTBE TESTED: **YES**

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: **1991-08-21**

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: **1994-08-25**

SUBSTANCE/S RELEASED: **DIESEL FUEL OIL AND ADDITIVES**

QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

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

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **2000-11-14**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLUTION CHARACTERIZATION: **NOT REPORTED**

REMEDIATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **1999-11-23**

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: **SACRAMENTO VALLEY (5**

BENEFICIAL USE: **NOT REPORTED**

Back to Report Summary

Cortese List (CORTESE)

MAP ID# 4 **Distance from Property: 0.29 mi. (1,531 ft.) S**

FACILITY INFORMATION

ID#: **310134**

NAME: **ROSEVILLE CORPORATION YAR**

ADDRESS: **100 CORPORATION YARD**
ROSEVILLE, CA 95678

Back to Report Summary

MAP ID# 5 **Distance from Property: 0.29 mi. (1,531 ft.) S**

FACILITY INFORMATION

GLOBAL ID: **T0606100276**
URL LINK: CLICK HERE
BUSINESS NAME: **PLACER CO CORPORATION YARD**
ADDRESS: **200 CORPORATION YARD RD**
ROSEVILLE, CA 95678
COUNTY: **PLACER**

FACILITY DETAILS

CASE TYPE: **LUST CLEANUP SITE**
CASE NUMBER: **310334**
STATUS: **COMPLETED - CASE CLOSED 12/21/2010**
POTENTIAL CONTAMINATION:
GASOLINE
POTENTIAL MEDIA AFFECTED:
AQUIFER USED FOR DRINKING WATER SUPPLY
SITE HISTORY:
THE CASE WAS OPENED FOLLOWING AN UNAUTHORIZED RELEASE FROM AN UNDERGROUND STORAGE TANK SYSTEM AT THE SUBJECT SITE. CORRECTIVE ACTION IS UNDERWAY AS DIRECTED BY THE CVRWQCB. CORRECTIVE ACTION MAY CONSIST OF PRELIMINARY SITE INVESTIGATION, PLANNING AND IMPLEMENTATION OF REMEDIAL ACTION, VERIFICATION MONITORING, OR A COMBINATION THEREOF. A SUMMARY OF THE SITE HISTORY IS AVAILABLE BY CLICKING ON EITHER THE "CLEANUP STATUS HISTORY", "REGULATORY ACTIVITIES" OR THE "SITE MAPS/DOCUMENTS" TAB. FOR A COMPLETE SITE HISTORY THE CASE FILE AT THE CVRWQCB SHOULD BE CONS

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	**01/01/50**	**LEAK DISCOVERY**
OTHER	**01/01/50**	**LEAK REPORTED**
REMEDIATION	**01/01/50**	**EXCAVATION**
REMEDIATION	**01/01/50**	**PUMP & TREAT (P&T) GROUNDWATER**
REMEDIATION	**01/01/50**	**SOIL VAPOR EXTRACTION (SVE)**
ENFORCEMENT	**12/21/2010**	**CLOSURE/NO FURTHER ACTION LETTER**
RESPONSE	**12/10/2010**	**WELL DESTRUCTION REPORT**
ENFORCEMENT	**10/11/2010**	**UNAUTHORIZED RELEASE FORM**
ENFORCEMENT	**10/07/2010**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**09/09/2010**	**STAFF LETTER**
ENFORCEMENT	**07/27/2010**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**07/08/2010**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**06/30/2010**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**02/25/2010**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
RESPONSE	**02/01/2010**	**REQUEST FOR CLOSURE**
ENFORCEMENT	**07/22/2009**	**STAFF LETTER**
RESPONSE	**07/15/2009**	**MONITORING REPORT - SEMI-ANNUALLY**
RESPONSE	**04/15/2009**	**MONITORING REPORT - QUARTERLY**
RESPONSE	**01/15/2009**	**MONITORING REPORT - QUARTERLY**
RESPONSE	**10/15/2008**	**MONITORING REPORT - QUARTERLY**

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	07/15/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	05/20/2008	STAFF LETTER
ENFORCEMENT	05/19/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	04/30/2008	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	04/15/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	02/07/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	01/15/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	11/27/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	10/15/2007	MONITORING REPORT - QUARTERLY
RESPONSE	09/28/2007	RISK ASSESSMENT REPORT
ENFORCEMENT	08/01/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	07/15/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	05/31/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	05/11/2007	MONITORING REPORT - QUARTERLY
RESPONSE	05/11/2007	SOIL AND WATER INVESTIGATION WORKPLAN
ENFORCEMENT	03/14/2007	STAFF LETTER
ENFORCEMENT	03/13/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	01/15/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	08/07/2006	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	07/15/2006	MONITORING REPORT - QUARTERLY
RESPONSE	01/15/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	08/30/2005	STAFF LETTER
ENFORCEMENT	08/29/2005	* HISTORICAL ENFORCEMENT
RESPONSE	07/15/2005	MONITORING REPORT - QUARTERLY
ENFORCEMENT	04/27/2005	* HISTORICAL ENFORCEMENT
RESPONSE	04/15/2005	MONITORING REPORT - QUARTERLY
ENFORCEMENT	01/21/2005	* HISTORICAL ENFORCEMENT
RESPONSE	01/15/2005	MONITORING REPORT - QUARTERLY
RESPONSE	10/30/2004	INTERIM REMEDIAL ACTION REPORT
RESPONSE	10/30/2004	MONITORING REPORT - QUARTERLY
REMEDIATION	08/06/2004	SOIL VAPOR EXTRACTION (SVE)
ENFORCEMENT	07/19/2004	* HISTORICAL ENFORCEMENT
ENFORCEMENT	07/19/2004	STAFF LETTER
RESPONSE	07/15/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	05/12/2004	* HISTORICAL ENFORCEMENT
RESPONSE	04/15/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	02/04/2004	* HISTORICAL ENFORCEMENT
RESPONSE	01/15/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/30/2003	* HISTORICAL ENFORCEMENT
RESPONSE	10/15/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	08/04/2003	* HISTORICAL ENFORCEMENT
RESPONSE	07/15/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	05/12/2003	* HISTORICAL ENFORCEMENT
RESPONSE	04/15/2003	MONITORING REPORT - QUARTERLY

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	**01/28/2003**	*** HISTORICAL ENFORCEMENT**
RESPONSE	**01/15/2003**	**MONITORING REPORT - QUARTERLY**
REMEDIATION	**04/01/2002**	**PUMP & TREAT (P&T) GROUNDWATER**
ENFORCEMENT	**02/07/2001**	**STAFF LETTER**
ENFORCEMENT	**05/02/2000**	**STAFF LETTER**
ENFORCEMENT	**04/12/2000**	**STAFF LETTER**
ENFORCEMENT	**02/08/2000**	**STAFF LETTER**
REMEDIATION	**11/01/1997**	**EXCAVATION**
OTHER	**08/11/1997**	**LEAK REPORTED**
OTHER	**08/07/1997**	**LEAK DISCOVERY**

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	**12/21/2010**
OPEN - CASE BEGIN DATE	**08/07/1997**
OPEN - REMEDIATION	**02/14/2002**
OPEN - REMEDIATION	**04/30/2002**
OPEN - SITE ASSESSMENT	**08/07/1997**
OPEN - SITE ASSESSMENT	**11/03/1997**
OPEN - SITE ASSESSMENT	**02/02/1998**
OPEN - SITE ASSESSMENT	**05/16/2007**
OPEN - SITE ASSESSMENT	**05/09/2008**
OPEN - VERIFICATION MONITORING	**10/15/2004**
OPEN - VERIFICATION MONITORING	**05/10/2008**

CONTACT DETAILS

ORGANIZATION: **ROSEVILLE, CITY OF**
ADDRESS: **401 OAK STREET**
CITY: **ROSEVILLE**
CONTACT NAME: **THOMAS DODARO**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **TDODARO@ROSEVILLE.CA.US**
ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **PAUL SANDERS**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **PSANDERS@WATERBOARDS.CA.GOV**

Back to Report Summary

MAP ID# 5 **Distance from Property: 0.29 mi. (1,531 ft.) S**

SITE INFORMATION

ID#: **T0606100276** REGIONAL CASE #: **310334**
LOCAL CASE #: **NOT REPORTED**
SITE NAME: **PLACER CO CORPORATION YARD**
RESPONSIBLE PARTY: **PLACER CO DPW**
ADDRESS: **200 CORPORATION YARD RD**
ROSEVILLE, CA 95678
ADDRESS: **11448 F AVE, AUBURN, CA 95603**
CROSS STREET: **NOT REPORTED**
COUNTY: **PLACER**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **DRINKING WATER AQUIFER**
CASE WAS REPORTED: **1997-08-11**
CASE ENTERED INTO SYSTEM: **NOT REPORTED**
CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **NOT REPORTED**
ENFORCEMENT TYPE: **NO ENFORCEMENT ACTION TAKEN**
ENFORCEMENT BEGAN: **2001-02-07**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **Y = INTERIM**
CURRENT STATUS: **3B - PRELIMINARY SITE ASSESSMENT UNDERWAY**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **NOT REPORTED**
MTBE CLASSIFICATION: **B - SECOND HIGHEST PRIORITY**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **2001-11-14**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **8300.00**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **8** MTBE TESTED: **YES**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED**
DATE LEAK WAS DISCOVERED: **1997-08-07**
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: **1997-08-07**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **1997-11-03**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **2008-05-09**
REMEDIAL ACTION UNDERWAY: **2002-04-30**
POLUTION CHARACTERIZATION: **2007-05-16**
REMEDIATION PLAN: **2002-02-14**
VERIFICATION MONITORING UNDERWAY: **2004-10-15**
CLEANUP FUND ID: **NOT REPORTED**
PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **REMOVE FREE PRODUCT**

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: **SACRAMENTO VALLEY (5**

BENEFICIAL USE: **NOT REPORTED**

Back to Report Summary

Cortese List (CORTESE)

MAP ID# 5 **Distance from Property: 0.29 mi. (1,531 ft.) S**

FACILITY INFORMATION

ID#: **310334**

NAME: **PLACER CO CORPORATION YAR**

ADDRESS: **200 CORPORATION YARD**
ROSEVILLE, CA 95678

Back to Report Summary

MAP ID# 6 **Distance from Property: 0.44 mi. (2,323 ft.) SE**

FACILITY INFORMATION

GLOBAL ID: **T0606100208**
URL LINK: CLICK HERE
BUSINESS NAME: **PLACER CO FAIR**
ADDRESS: **800 ALL AMERICAN BLVD**
ROSEVILLE, CA 95678
COUNTY: **PLACER**

FACILITY DETAILS

CASE TYPE: **LUST CLEANUP SITE**
CASE NUMBER: **310258**
STATUS: **OPEN - REMEDIATION 01/01/2014**
POTENTIAL CONTAMINATION:
DIESEL
POTENTIAL MEDIA AFFECTED:
AQUIFER USED FOR DRINKING WATER SUPPLY
SITE HISTORY:
THE CASE WAS OPENED FOLLOWING AN UNAUTHORIZED RELEASE FROM AN UNDERGROUND STORAGE TANK SYSTEM AT THE SUBJECT SITE. CORRECTIVE ACTION IS UNDERWAY AS DIRECTED BY THE CVRWQCB. CORRECTIVE ACTION MAY CONSIST OF PRELIMINARY SITE INVESTIGATION, PLANNING AND IMPLEMENTATION OF REMEDIAL ACTION, VERIFICATION MONITORING, OR A COMBINATION THEREOF. A SUMMARY OF THE SITE HISTORY IS AVAILABLE BY CLICKING ON EITHER THE "CLEANUP STATUS HISTORY", "REGULATORY ACTIVITIES" OR THE "SITE MAPS/DOCUMENTS" TAB. FOR A COMPLETE SITE HISTORY THE CASE FILE AT THE CVRWQCB SHOULD BE CONS

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	**01/01/50**	**LEAK DISCOVERY**
OTHER	**01/01/50**	**LEAK REPORTED**
REMEDIATION	**01/01/50**	**FREE PRODUCT REMOVAL**
REMEDIATION	**01/01/50**	**IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)**
RESPONSE	**02/01/2016**	**REQUEST FOR CLOSURE - REGULATOR RESPONDED**
ENFORCEMENT	**12/08/2015**	**EMAIL CORRESPONDENCE**
ENFORCEMENT	**10/22/2015**	**STAFF LETTER**
ENFORCEMENT	**04/06/2015**	**EMAIL CORRESPONDENCE**
ENFORCEMENT	**12/03/2013**	**STAFF LETTER**
ENFORCEMENT	**08/28/2013**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
RESPONSE	**07/15/2013**	**MONITORING REPORT - QUARTERLY**
RESPONSE	**06/17/2013**	**INTERIM REMEDIAL ACTION REPORT**
RESPONSE	**06/17/2013**	**MONITORING REPORT - QUARTERLY**
ENFORCEMENT	**05/14/2013**	**WARNING LETTER**
ENFORCEMENT	**03/25/2013**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**03/14/2013**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**02/26/2013**	**TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER**
ENFORCEMENT	**01/31/2013**	**STAFF LETTER**
RESPONSE	**01/15/2013**	**MONITORING REPORT - QUARTERLY**
RESPONSE	**01/15/2013**	**SOIL AND WATER INVESTIGATION REPORT**

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	11/20/2012	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	11/19/2012	STAFF LETTER
RESPONSE	10/15/2012	MONITORING REPORT - QUARTERLY
ENFORCEMENT	09/05/2012	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	09/04/2012	STAFF LETTER
RESPONSE	08/01/2012	SOIL AND WATER INVESTIGATION WORKPLAN - REGULATOR RESPONDED
ENFORCEMENT	07/09/2012	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	06/27/2012	SITE VISIT / INSPECTION / SAMPLING
ENFORCEMENT	06/21/2012	STAFF LETTER
RESPONSE	04/15/2012	MONITORING REPORT - QUARTERLY
ENFORCEMENT	01/05/2012	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	11/08/2011	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
RESPONSE	10/15/2011	MONITORING REPORT - SEMI-ANNUALLY
ENFORCEMENT	08/03/2011	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	04/15/2011	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	12/23/2010	CLEAN UP FUND - 5-YEAR REVIEW SUMMARY
RESPONSE	10/15/2010	MONITORING REPORT - SEMI-ANNUALLY
ENFORCEMENT	06/15/2010	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	04/15/2010	MONITORING REPORT - SEMI-ANNUALLY
ENFORCEMENT	10/23/2009	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	10/15/2009	MONITORING REPORT - SEMI-ANNUALLY
ENFORCEMENT	07/28/2009	STAFF LETTER
RESPONSE	07/15/2009	MONITORING REPORT - QUARTERLY
RESPONSE	04/15/2009	MONITORING REPORT - SEMI-ANNUALLY
REMEDIATION	02/07/2009	IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)
RESPONSE	01/15/2009	MONITORING REPORT - QUARTERLY
RESPONSE	01/09/2009	OTHER REPORT / DOCUMENT
ENFORCEMENT	11/06/2008	STAFF LETTER
RESPONSE	10/20/2008	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	10/15/2008	MONITORING REPORT - QUARTERLY
RESPONSE	10/15/2008	REMEDIAL PROGRESS REPORT
RESPONSE	07/15/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	06/30/2008	STAFF LETTER
ENFORCEMENT	06/26/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	05/30/2008	INTERIM REMEDIAL ACTION PLAN
RESPONSE	04/15/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	04/03/2008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	03/13/2008	STAFF LETTER
RESPONSE	01/31/2008	CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN
RESPONSE	01/31/2008	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	01/15/2008	MONITORING REPORT - QUARTERLY
ENFORCEMENT	12/04/2007	STAFF LETTER
ENFORCEMENT	11/29/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	10/17/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

TYPE OF ACTION:	DATE:	ACTION:
RESPONSE	10/15/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	08/01/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	07/15/2007	MONITORING REPORT - QUARTERLY
RESPONSE	04/15/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	03/30/2007	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	01/15/2007	MONITORING REPORT - QUARTERLY
ENFORCEMENT	12/11/2006	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	10/31/2006	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	10/15/2006	MONITORING REPORT - QUARTERLY
RESPONSE	07/15/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	07/13/2006	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
ENFORCEMENT	04/17/2006	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
RESPONSE	04/15/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	03/13/2006	* VERBAL COMMUNICATION
RESPONSE	01/15/2006	MONITORING REPORT - QUARTERLY
ENFORCEMENT	10/12/2005	* HISTORICAL ENFORCEMENT
ENFORCEMENT	09/22/2005	STAFF LETTER
RESPONSE	07/15/2005	MONITORING REPORT - QUARTERLY
REMEDIATION	07/01/2005	IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)
RESPONSE	06/28/2005	INTERIM REMEDIAL ACTION REPORT
ENFORCEMENT	03/16/2005	STAFF LETTER
ENFORCEMENT	10/12/2004	WARNING LETTER
RESPONSE	09/10/2004	OTHER REPORT / DOCUMENT
ENFORCEMENT	08/16/2004	WARNING LETTER
ENFORCEMENT	08/12/2004	* HISTORICAL ENFORCEMENT
RESPONSE	07/15/2004	MONITORING REPORT - QUARTERLY
ENFORCEMENT	06/28/2004	STAFF LETTER
RESPONSE	04/16/2004	INTERIM REMEDIAL ACTION PLAN
RESPONSE	04/16/2004	MONITORING REPORT - QUARTERLY
RESPONSE	04/16/2004	SOIL AND WATER INVESTIGATION REPORT
ENFORCEMENT	02/09/2004	WARNING LETTER
RESPONSE	01/24/2004	SOIL AND WATER INVESTIGATION REPORT
ENFORCEMENT	10/15/2003	STAFF LETTER
RESPONSE	07/28/2003	INTERIM REMEDIAL ACTION REPORT
ENFORCEMENT	05/13/2003	* HISTORICAL ENFORCEMENT
RESPONSE	04/30/2003	SOIL AND WATER INVESTIGATION REPORT
ENFORCEMENT	04/21/2003	STAFF LETTER
RESPONSE	04/15/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	03/05/2003	STAFF LETTER
ENFORCEMENT	02/18/2003	* HISTORICAL ENFORCEMENT
RESPONSE	01/15/2003	MONITORING REPORT - QUARTERLY
ENFORCEMENT	01/10/2003	STAFF LETTER
ENFORCEMENT	12/20/2002	WARNING LETTER
RESPONSE	12/20/2002	OTHER WORKPLAN

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	**10/17/2002**	**STAFF LETTER**
ENFORCEMENT	**10/15/2002**	**FILE REVIEW**
ENFORCEMENT	**08/26/2002**	**STAFF LETTER**
ENFORCEMENT	**07/24/2002**	**WARNING LETTER**
ENFORCEMENT	**07/17/2002**	**FILE REVIEW**
REMEDIATION	**10/01/2001**	**FREE PRODUCT REMOVAL**
ENFORCEMENT	**05/04/2001**	**STAFF LETTER**
ENFORCEMENT	**03/20/2001**	**STAFF LETTER**
ENFORCEMENT	**04/12/2000**	**STAFF LETTER**
OTHER	**04/23/1993**	**LEAK DISCOVERY**
OTHER	**04/23/1993**	**LEAK REPORTED**

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	**04/23/1993**
OPEN - REMEDIATION	**02/27/2003**
OPEN - REMEDIATION	**07/30/2005**
OPEN - REMEDIATION	**02/29/2008**
OPEN - REMEDIATION	**03/11/2008**
OPEN - REMEDIATION	**01/01/2014**
OPEN - SITE ASSESSMENT	**04/23/1993**
OPEN - SITE ASSESSMENT	**07/21/1999**
OPEN - SITE ASSESSMENT	**08/17/2000**
OPEN - SITE ASSESSMENT	**12/22/2002**
OPEN - SITE ASSESSMENT	**02/29/2008**
OPEN - VERIFICATION MONITORING	**08/02/2011**

CONTACT DETAILS

ORGANIZATION: **ROSEVILLE, CITY OF**
ADDRESS: **401 OAK STREET**
CITY: **ROSEVILLE**
CONTACT NAME: **THOMAS DODARO**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **TDODARO@ROSEVILLE.CA.US**
ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE SUITE 200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **CHRISTOPHER FLOWER**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **9164644836**
EMAIL: **CFLOWER@WATERBOARDS.CA.GOV**

Back to Report Summary

MAP ID# 6 **Distance from Property: 0.44 mi. (2,323 ft.) SE**

SITE INFORMATION

ID#: **T0606100208** REGIONAL CASE #: **310258**
LOCAL CASE #: **NOT REPORTED**
SITE NAME: **PLACER CO FAIR**
RESPONSIBLE PARTY: **PLACER CO FAIR**
ADDRESS: **800 ALL AMERICAN BLVD**
ROSEVILLE, CA 95678
ADDRESS: **800 ALL AMERICAN BLVD, ROSEVILLE, CA 95678**
CROSS STREET: **WASHINGTON BLVD**
COUNTY: **PLACER**
FACILITY OPERATOR: **DICK GUERTIN**

CASE INFORMATION

CASE TYPE: **DRINKING WATER AQUIFER**
CASE WAS REPORTED: **1993-04-23**
CASE ENTERED INTO SYSTEM: **NOT REPORTED**
CASE WAS REVIEWED: **NOT REPORTED**
CASE WAS CLOSED: **NOT REPORTED**
ENFORCEMENT TYPE: **NOT REPORTED**
ENFORCEMENT BEGAN: **2001-05-04**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **7 - REMEDIAL ACTION UNDERWAY**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **NOT REPORTED**
MTBE CLASSIFICATION: **B - SECOND HIGHEST PRIORITY**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **2000-04-01**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **940.00**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **4** MTBE TESTED: **YES**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **0**
CASE SUMMARY: **SOIL EXCAVATED DURING UST REMOVAL WAS STOCKPILED ON & UNDER VISQUEEN ON SITE. EXCAVATION LINED WITH VISQUEEN & BACKFILLED WITH CLEAN FILL. AREA WILL BE CAPPED PENDING FURTHER INVESTIGATION/REMEDIATION.**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED**
DATE LEAK WAS DISCOVERED: **1993-04-23**
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: **1993-04-23**
SUBSTANCE/S RELEASED: **DIESEL FUEL OIL AND ADDITIVES**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **1999-07-21**
PRELIMINARY SITE ASSESSEMENT UNDERWAY: **2000-08-17**
REMEDIAL ACTION UNDERWAY: **2008-03-11**
POLUTION CHARACTERIZATION: **2008-02-29**
REMEDIATION PLAN: **2008-02-29**
VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**
CLEANUP FUND ID: **14552**
PRIORITY: **NOT REPORTED**
ABATEMENT METHOD: **CAP SITE**

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: **SACRAMENTO VALLEY (5**

BENEFICIAL USE: **NOT REPORTED**

Back to Report Summary

Cortese List (CORTESE)

MAP ID# 6 **Distance from Property: 0.44 mi. (2,323 ft.) SE**

FACILITY INFORMATION

ID#: **310258**

NAME: **PLACER CO FAIR**

ADDRESS: **800 ALL AMERICAN**
ROSEVILLE, CA 95678

Back to Report Summary

MAP ID# 7 **Distance from Property: 0.46 mi. (2,429 ft.) SE**

FACILITY INFORMATION

GLOBAL ID: **T0606100139**
URL LINK: CLICK HERE
BUSINESS NAME: **SIERRA VIEW COUNTRY CLUB**
ADDRESS: **105 ALTA VISTA DR**
ROSEVILLE, CA 95678
COUNTY: **PLACER**

FACILITY DETAILS

CASE TYPE: **LUST CLEANUP SITE**
CASE NUMBER: **310170**
STATUS: **COMPLETED - CASE CLOSED 05/07/1992**
POTENTIAL CONTAMINATION:
GASOLINE
POTENTIAL MEDIA AFFECTED:
SOIL
SITE HISTORY:
NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	**01/01/50**	**LEAK DISCOVERY**
OTHER	**01/01/50**	**LEAK REPORTED**
OTHER	**05/07/1992**	**LEAK REPORTED**
OTHER	**04/17/1992**	**LEAK DISCOVERY**

STATUS HISTORY

STATUS:	DATE:
COMPLETED - CASE CLOSED	**05/07/1992**
OPEN - CASE BEGIN DATE	**04/17/1992**

CONTACT DETAILS

ORGANIZATION: **ROSEVILLE, CITY OF**
ADDRESS: **401 OAK STREET**
CITY: **ROSEVILLE**
CONTACT NAME: **THOMAS DODARO**
CONTACT TYPE: **LOCAL AGENCY CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **TDODARO@ROSEVILLE.CA.US**
ORGANIZATION: **CENTRAL VALLEY RWQCB (REGION 5S)**
ADDRESS: **11020 SUN CENTER DRIVE #200**
CITY: **RANCHO CORDOVA**
CONTACT NAME: **PAUL SANDERS**
CONTACT TYPE: **REGIONAL BOARD CASEWORKER**
CONTACT PHONE: **NOT REPORTED**
EMAIL: **PSANDERS@WATERBOARDS.CA.GOV**

Back to Report Summary

MAP ID# 7 **Distance from Property: 0.46 mi. (2,429 ft.) SE**

SITE INFORMATION

ID#: **T0606100139** REGIONAL CASE #: **310170**
LOCAL CASE #: **NOT REPORTED**
SITE NAME: **SIERRA VIEW COUNTRY CLUB**
RESPONSIBLE PARTY: **SIERRA VIEW COUNTRY CLUB**
ADDRESS: **105 ALTA VISTA DR**
ROSEVILLE, CA 95678
ADDRESS: **105 ALTA VISTA RD, ROSEVILLE, CA 95678**
CROSS STREET: **YOSEMITE**
COUNTY: **PLACER**
FACILITY OPERATOR: **BILL WAMPLER**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED**
CASE WAS REPORTED: **1992-05-07**
CASE ENTERED INTO SYSTEM: **1992-05-27**
CASE WAS REVIEWED: **1992-05-07**
CASE WAS CLOSED: **1992-05-07**
ENFORCEMENT TYPE: **NO ENFORCEMENT ACTION TAKEN**
ENFORCEMENT BEGAN: **1965-01-01**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **NOT REPORTED**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
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 TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED**
DATE LEAK WAS DISCOVERED: **1992-04-17**
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: **GASOLINE - AUTOMOTIVE**
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: **EXCAVATE AND TREAT**

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: **SACRAMENTO VALLEY (5**

BENEFICIAL USE: **NOT REPORTED**

Back to Report Summary

Cortese List (CORTESE)

MAP ID# 7 **Distance from Property: 0.46 mi. (2,429 ft.) SE**

FACILITY INFORMATION

ID#: **310170**

NAME: **SIERRA VIEW COUNTRY CLUB**

ADDRESS: **105 ALTA VISTA**
ROSEVILLE, CA 95678

Back to Report Summary

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

MAP ID# 8 **Distance from Property: 0.47 mi. (2,482 ft.) NW**

SITE INFORMATION

ID #: **CP216915.001**
NAME: **TSI SAFETY FUND PROGRAM**
ADDRESS: **7501 FOOTHILLS BLVD**
CITY: **ROSEVILLE**
STATE: **CA**
ZIP: **95747**
COUNTY: **PLACER**

SITE DETAILS

OPERATION BEGIN DATE: **09/18/2014**
OPERATION END DATE: **NOT REPORTED**
PROGRAM PHONE: **(916) 765-0012**
ORGANIZATION NAME: **TSI SAFETY FUND**
ADDRESS: **7501 FOOTHILLS BLVD**
ROSEVILLE CA 95747
GLASS: **ACCEPTED**
ALUMINIUM: **ACCEPTED**
PLASTIC: **ACCEPTED**
BIMETAL: **NOT ACCEPTED**

Back to Report Summary

MAP ID# 8 **Distance from Property: 0.47 mi. (2,482 ft.) NW**

SITE INFORMATION

ID #: **71002698** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

URL LINK: CLICK HERE

NAME: **NEC ELECTRONICS, INC.**

ADDRESS: **7501 FOOTHILLS BOULEVARD**
ROSEVILLE, CA 95747

COUNTY: **PLACER**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **NOT REPORTED**

DTSC DIVISION BRANCH: **CLEANUP SACRAMENTO**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **TIERED PERMIT**

SITE TYPE DESCRIPTION

NOT REPORTED

DTSC's CURRENT INVOLVEMENT AT SITE (as of)

INACTIVE - NEEDS EVALUATION - IDENTIFIES NON-ACTIVE SITES WHERE DTSC HAS DETERMINED A PEA OR OTHER EVALUATION IS REQUIRED

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN

NONESPECIFIED - NONE SPECIFIED

Back to Report Summary

Recycling Centers (SWRCY)

MAP ID# 8 **Distance from Property: 0.47 mi. (2,482 ft.) NW**

SITE INFORMATION

ID #: **CP216915.001**
NAME: **TSI SAFETY FUND PROGRAM**
ADDRESS: **7501 FOOTHILLS BLVD**
CITY: **ROSEVILLE**
STATE: **CA**
ZIP: **95747**
COUNTY: **PLACER**

SITE DETAILS

OPERATION BEGIN DATE: **09/18/14**
OPERATION END DATE: **NOT REPORTED**
PROGRAM PHONE: **(916) 765-0012**
ORGANIZATION NAME: **TSI SAFETY FUND**
ADDRESS: **7501 FOOTHILLS BLVD**
ROSEVILLE CA 95747
GLASS: **ACCEPTED**
ALUMINIUM: **ACCEPTED**
PLASTIC: **ACCEPTED**
BIMETAL: **NOT ACCEPTED**

Back to Report Summary

MAP ID# 9 **Distance from Property: 0.74 mi. (3,907 ft.) N**

SITE INFORMATION

ID #: **31320001** ASSESSOR'S PARCEL #: **017-121-007-000, 360070001000, 360070009000, 360070010000, 360070011000, 360070012000, 360070013000, 360070014000, 360070015000, 360070016000, 360070017000, 360070018000, 360070019000, 360070020000, 360070021000, 360070022000, 360070023000**

URL LINK: CLICK HERE

NAME: **AMERICAN OLEAN TILE COMPANY**

ADDRESS: **8250 INDUSTRIAL AVENUE**
ROSEVILLE, CA 95678

COUNTY: **PLACER**

SITE SIZE (ACRES): **5.5**

LEAD AGENCY: **MBR**

DTSC PROJECT MANAGER: **JUAN PENG**

DTSC SUPERVISOR: **WILLIAM BECKMAN**

DTSC DIVISION BRANCH: **CLEANUP SACRAMENTO**

NPL LISTED: **NO** RESTRICTED LAND USE: **YES**

SITE TYPE: **VOLUNTARY CLEANUP**

SITE TYPE DESCRIPTION

VOLUNTARY CLEANUP: IDENTIFIES SITES WITH EITHER CONFIRMED OR UNCONFIRMED RELEASES, AND THE PROJECT PROPONENTS HAVE REQUESTED THAT DTSC OVERSEE EVALUATION, INVESTIGATION, AND/OR CLEANUP ACTIVITIES AND HAVE AGREED TO PROVIDE COVERAGE FOR DTSC'S COSTS.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 11/30/2000)

CERTIFIED O&M - LAND USE RESTRICTIONS ONLY -

PAST USE/S THAT CAUSED THE CONTAMINATION

MANUFACTURING - CERAMICS

CONFIRMED CONTAMINANTS OF CONCERN

NONE SPECIFIED

Back to Report Summary

MAP ID# 10 **Distance from Property: 0.98 mi. (5,174 ft.) NW**

SITE INFORMATION

ID #: **71003536** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

URL LINK: CLICK HERE

NAME: **HEWLETT-PACKARD CO. - ROSEVILLE**

ADDRESS: **8000 FOOTHILLS BOULEVARD**
ROSEVILLE, CA 95747

COUNTY: **PLACER**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **NOT REPORTED**

DTSC DIVISION BRANCH: **CLEANUP SACRAMENTO**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **TIERED PERMIT**

SITE TYPE DESCRIPTION

NOT REPORTED

DTSC's CURRENT INVOLVEMENT AT SITE (as of)

INACTIVE - NEEDS EVALUATION - IDENTIFIES NON-ACTIVE SITES WHERE DTSC HAS DETERMINED A PEA OR OTHER EVALUATION IS REQUIRED

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN

NONESPECIFIED - NONE SPECIFIED

Back to Report Summary

Unlocated Sites Summary

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

No Records Found

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: 12/31/11

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: 07/01/16

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: 08/03/15

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. 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: 02/08/17

The EPA'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: 10/04/16

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: 09/14/16

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: 11/29/16

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.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 03/25/17

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: 01/21/17

In 2006, the Integrated Compliance Information System (ICIS) - National Pollutant Discharge Elimination System (NPDES) became the NPDES national system of record for select states, tribes and territories. ICIS-NPDES is an information management system maintained by the United States Environmental Protection Agency's Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

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

MLTS Material Licensing Tracking System

VERSION DATE: 02/12/16

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.

NPDESR09 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Information in this database is extracted from the Water Permit Compliance System (PCS) database which is used by United States Environmental Protection Agency to track surface water permits issued under the Clean Water Act. 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. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data.

PADS PCB Activity Database System

VERSION DATE: 07/01/14

The PCB Activity Database System (PADS) is used by the United States Environmental Protection Agency to monitor the activities of polychlorinated biphenyls (PCB) handlers.

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: 04/04/17

This list of Resource Conservation and Recovery Act sites with institutional controls in place is provided by the U.S. Environmental Protection Agency.

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.

SSTS Section Seven Tracking System

VERSION DATE: 12/08/14

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: 12/31/15

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: 12/31/06

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.

NLRRCRAG No Longer Regulated RCRA Generator Facilities

VERSION DATE: 12/12/16

This database includes RCRA Generator 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 generated hazardous waste.
Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.
Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any

residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

RCRAGR09 Resource Conservation & Recovery Act - Generator

VERSION DATE: 12/12/16

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

RCRANGR09 Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 12/12/16

This database identifies RCRAInfo system sites that only handle hazardous waste, such as transporters, without generating any amount hazardous waste. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource

Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

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.

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: 02/03/17

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: 02/02/17

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: 02/07/17

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: 12/12/16

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: 12/12/16

This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

SEMS Superfund Enterprise Management System

VERSION DATE: 02/07/17

The U.S. Environmental Protections 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: 02/07/17

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

DOD Department of Defense Sites

VERSION DATE: 06/21/10

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: 06/01/15

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.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 12/12/16

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: 02/07/17

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: 02/07/17

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: 12/12/16

This database includes all hazardous waste sites with ongoing corrective action activity and where corrective action is statutorily required to be address but have not had corrective action imposed in the RCRAInfo system. The Corrective Action Program requires owners or operators of RCRA facilities (or treatment, storage, and disposal facilities) to investigate and cleanup contamination in order to protect human health and the environment. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

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

VERSION DATE: 12/12/16

This database includes hazardous waste sites which are potentially subject to corrective action regardless of whether they have correction action underway, plus any sites showing a corrective action event of RFI or beyond in the RCRAInfo system. Sites conducting corrective action under analogous state authorities are also included. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information

system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RODS Record of Decision System

VERSION DATE: 07/01/13

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: 09/30/15

The California Department of Toxic Substance Control (DTSC) provides this listing of illegal drug laboratories. Pursuant to Section 25354.5 of the California Health and Safety Code, DTSC conducts emergency removal actions at clandestine drug labs at the request of State and local law enforcement agencies. DTSC's contractors typically remove hazardous substances that may pose an immediate threat to public health and the environment while the enforcement officials are on scene. During the emergency removal actions, contractors remove and properly dispose of contaminated lab equipment, chemicals used to make the illegal drugs (usually methamphetamine), lab chemical wastes, and other grossly contaminated materials. DTSC does not perform additional assessment work beyond standard emergency removal actions and makes no further determination regarding the need for future cleanup work at the emergency removal location. The reported location information may or may not include the actual location of the illegal drug lab. The DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed.

CHMIRS California Hazardous Material Incident Report System

VERSION DATE: 12/06/16

The California Hazardous Material Incident Report System database is provided by the California Emergency Management Agency. This database contains accidental or spill release information from reported hazardous material incidents since 1993.

DTSCDR DTSC Deed Restrictions

VERSION DATE: 02/04/17

The California Department of Toxic Substances Control (DTSC) maintains this listing 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: 12/31/15

The Air Resources Board's Emissions Inventory Database contains criteria pollutant data and toxic data on facilities throughout the state of California for the 2012-2000 inventory years.

HWTS Hazardous Waste Tanner Summary

VERSION DATE: 07/11/16

This data is prepared from information extracted from copies of hazardous waste manifests received each year by the Department of Toxic Substances Control. The Hazardous Waste Summary Report (Tanner Report) currently includes manifest data from the 1993 through the 2013 reporting years.

LIENS Recorded Environmental Cleanup Liens

VERSION DATE: 02/28/17

The California Department of Toxic Substance Control (DTSC) maintains this listing 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.

NPDES National Pollutant Discharge Elimination System Facilities

VERSION DATE: 03/30/17

This State Water Resources Control Board database contains NPDES permits, including stormwater general permit enrollees that are active, inactive and historical. NPDES permits are required from all facilities that discharge their wastewater from a point source into a waterbody.

ABST Above Ground Storage Tanks

VERSION DATE: 12/01/07

This database contains aboveground storage tank facilities registered with the California State Water Resources Control Board (SWRCB). 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.

CLEANER Dry Cleaner Facilities

VERSION DATE: 12/01/15

This database, created by accessing the California Department of Toxic Substances Control's (DTSC) Hazardous Waste Tracking System, includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized with one of the following NAICS Codes: 81231 or 81232. 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 and therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

DTSCHWT DTSC Registered Hazardous Waste Transporters

VERSION DATE: 02/04/16

The Department of Toxic Substances Control provides 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.

MWMP California Medical Waste Management Program Facility List

VERSION DATE: 12/22/16

To protect the public and the environment from potential infectious exposure to disease causing agents, the Medical Waste Management Program (MWMP), in the Environmental Management Branch of the California Department of Public Health, 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.

SLIC Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 06/16/08

These records are maintained by the California Regional Water Quality Control Board (RWQCB). This list includes contaminated sites that impact groundwater or have the potential to impact ground water. Please refer to CLEANUPSITES database as source of current data.

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: 02/03/17

An underground storage tank is an individual tank or group of tanks that store hazardous substances. Underground storage tanks are completely or considerably below the ground surface. This database contains UST permit data submitted from the Certified Unified Program Agencies (CUPA) directly to the State Water Resources Control Board. CUPA's are local agencies that have been certified by the California EPA to implement state environmental programs within the local agency's jurisdiction.

CALSITES CALSITES Database

VERSION DATE: 09/14/04

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: 02/03/17

This GeoTracker Cleanup Sites database is maintained by the California Regional Water Quality Control Board (RWQCB). The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including spills, investigations, cleanup recoveries and reported leaking underground storage tank incidents.

CORTESE Cortese List

VERSION DATE: 11/02/02

This historical listing includes hazardous waste and substances sites designated by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWIS), and the Department of Toxic Substance Control (CALSITES). 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.

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

VERSION DATE: 02/17/17

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

ERAP Expedited Removal Action Program Sites

VERSION DATE: 11/04/16

The Expedited Remedial Action Program is a pilot project administered by the Department of Toxic Substances Control's Site Mitigation and Brownfields Reuse Program to promote the cleanup of up to 30 hazardous substance release sites. ERAP provides significant incentives for redevelopment of contaminated properties by promoting cleanups based on the planned land use, by providing a covenant not to sue, and by outlining a fair and equitable liability scheme.

LUST Leaking Underground Storage Tanks

VERSION DATE: 06/16/08

This database is maintained by the State Water Resources Control Board. LUST records contain an inventory of reported leaking underground storage tank incidents. Please refer to the CLEANUPSITES database as source of current data.

NFA No Further Action Determination

VERSION DATE: 07/01/05

The NFA listing contains properties at which the Department of Toxic Substance Control has made a clear determination that the property does not pose a problem to the environment or to public health.

NFE Sites Needing Further Evaluation

VERSION DATE: 07/01/05

The NFE listing contains properties that the Department of Toxic Substance Control suspects with possible contamination. These are unconfirmed contaminated properties that need further assessment.

PROC Listing of Certified Processors

VERSION DATE: 11/10/16

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

REF Referred to Another Local or State Agency

VERSION DATE: 07/01/05

The REF listing 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.

SCH School Property Evaluations

VERSION DATE: 07/01/05

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

SWIS Solid Waste Information System Sites

VERSION DATE: 02/01/17

The Solid Waste Information System (SWIS) database includes information on solid waste facilities, operations, and disposal sites located in California. This database is maintained by the California Department of Resources Recycling and Recovery.

SWRCY Recycling Centers

VERSION DATE: 12/20/16

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

VCP Voluntary Cleanup Program

VERSION DATE: 09/14/04

The California Voluntary Cleanup program provides regulatory oversight by the Department of Toxic Substance Control (DTSC) to project proponents desiring to address mitigation activities at sites which have lower health and/or environmental risk than sites which are currently being addressed by DTSC. Refer to Envirostor database as source of current data.

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: 02/03/17

The Department of Toxic Substances Control (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. Sites where DTSC has made a "No Action Required" determination are not included in this database, as these sites had assessments that revealed no evidence of recognized environmental conditions in connection with the property.

ENVIROSTORPCA EnviroStor Permitted and Corrective Action Sites

VERSION DATE: 02/03/17

The Department of Toxic Substances Control (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 contains detailed information on hazardous waste permitted and corrective action facilities. Investigation and cleanup activities at hazardous waste facilities (either Resource Conservation and Recovery Act (RCRA) or State-only) that either were eligible for a permit or received a permit are called "corrective action." These facilities treated stored, disposed and/or transferred hazardous waste.

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.

SCAST Sutter County Aboveground Storage Tanks

VERSION DATE: 12/09/16

The Sutter County's Environmental Health Division provides this listing of aboveground storage tanks.

UST Placer County Storage Tanks

VERSION DATE: 06/01/16

This listing of underground and aboveground storage tanks is maintained by the Placer County Environmental Health Department.

USTR09 Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/06/16

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: 10/06/16

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 F

NAL Asbestos and Lead Bridge Inspection/Survey Report

Asbestos & Lead Bridge Inspection/Survey

Washington Boulevard Railroad Overpass

Roseville, CA 95678

Presented to:

Stephen J. Carter, PG

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

Inspection Date:

July 5, 2017

Conducted by:

Anthony M. De Arcos
Certified Asbestos Consultant
Certified Lead Inspector/Assessor
Registered Environmental Property Assessor
&
Justin Gardner
Certified Site Surveillance Technician
Certified Lead Sampling Technician

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

July 7, 2017

Stephen J. Carter, PG
Crawford & Associates
1165 Scenic Drive, Suite B
Modesto, CA 95350

RE: Asbestos & Lead Bridge Inspection/Survey –
Washington Boulevard Railroad Overpass
Roseville, CA 95678

Dear Mr. Carter,

This report is in regards to the asbestos and lead bridge inspection conducted at the above listed location. Of the six (6) suspected asbestos containing samples collected none (0) were found to contain asbestos containing construction materials (ACCM). Of the four (4) suspected lead containing samples collected three (3) were found to contain Lead Containing Material (LCM), and Lead Based Paint (LBP). Justin Gardner, working under supervision of Anthony M. De Arcos, Certified Asbestos Consultant, Certified Lead Inspector/Assessor, and Registered Environmental Property Assessor, for National Analytical Laboratories, Inc. (N.A.L.), conducted the inspection on July 5, 2017.

SUMMARY OF FINDINGS -

The building inspection and analytical results indicate that no ACCM is present in the limited area that is being renovated. The contractor, his employees and/or his sub-contractors, can complete their work, in the specific area tested, without any health or safety concerns in regards to the exposure of airborne asbestos fibers.

The samples from the Gray Paint, Orange Paint and White Paint surfaces were found to contain LCM/LBP levels above the OSHA Limit of Detection.

SECTION I: 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 that 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.

There were no as-built drawings to review, so only a site visit was conducted. Once at the physical bridge site, Mr. Gardner performed an entire bridge walk around and under, to visually assess the bridge structure. The bridge has a concrete deck and metal rail system supported by a steel deck truss span, set on concrete abutments.

He completed the visual inspection, the suspect asbestos bulk sample materials were collected

in accordance with EPA and OSHA protocol. They were placed into new, air tight, plastic bags, sealed, and identified with unique identification numbers. The bulk samples were transported to the laboratory under chain of custody protocol for analysis.

No 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 building owner for further testing.

MicroTest Laboratories, Inc. located in Fair Oaks, California, analyzed the bulk suspect asbestos containing samples utilizing Polarized Light Microscopy (PLM) Method. National Voluntary Laboratory Accreditation Program (NVLAP) Certification #200999-0 certifies MicroTest Laboratories, Inc.

The location and results from this sampling are as follows:

Sample ID#	Material	Location	Results
WBRO-1	Concrete	Northwest Upper Abutment	None Detected
WBRO-2	Concrete	Northeast Upper Abutment	None Detected
WBRO-3	Concrete	Northwest Lower Abutment	None Detected
WBRO-4	Concrete	Southeast Upper Abutment	None Detected
WBRO-5	Concrete	Southwest Upper Abutment	None Detected
WBRO-6	Concrete	Southeast Lower Abutment	None Detected

SECTION II: LEAD INSPECTION-

The lead suspect samples were collected according to the Housing Urban Development (HUD) Guidelines, the Environmental Protection Agency (EPA) and California Public Health Department (formally DHS), who regulate and require the abatement or in-place management of LCM/LBP hazards equal to or greater than 1.0 milligram per square centimeter (1.0 mg/cm2) of lead by XRF Analysis or more than 0.5% lead by weight by laboratory flame atomic absorption. The following regulation shall be adhered to because OSHA considers all surfaces to contain lead: OSHA's 29 CFR 1926.62, California Occupational Safety and Health Standard, Title 8 (Cal/OSHA 8 CCR 1532.1).

Upon completion of the visual inspection, suspect painted finishes and/or materials were sampled for potential lead content, in accordance with EPA and OSHA protocol. They were labeled with a unique identification number and analyzed.

Justin Gardner, utilizing the Thermo Scientific Portable X-ray Fluorescent (XRF) analyzer, analyzed the lead samples. When a sample is measured using XRF, each element present in the sample emits its own unique fluorescent x-ray energy spectrum. By simultaneously measuring the fluorescent x-rays emitted by the different elements in the sample, we can rapidly determine the presence of lead in the sample.

Since the laboratory results are reported by weight percent, during the collection of the suspect LCM/LBP samples the paint must be removed down to, but not including, the bare substrate

(wood, metal, etc.). Inclusion of the any amount of the substrate material in the paint sample will dilute the sample result(s).

Once the determination is made on where the LCM/LBP is located, the In-place Management or the Abatement of the LCM/LBP/LBM can commence. If the In-Place Management method is to be used, prior to the repainting of the effected surface areas, the loose flaky paint must be removed until the remaining paint adheres smoothly to the substrate. Once this task is completed, the surface area can be repainted without the possibility of paint being dislodged and falling to the floor or ground areas.

Therefore, the employer must ensure that the worker is properly trained in accordance with Title 8 (Cal/OSHA 8 CCR 1532 (1) (2) and shall produce evidence that the worker is not being exposed above the Action Level (AL) and/or the Permissible Exposure Limit (PEL). In the event that no current data is readily available for the worker(s), then the employer shall conclude that the worker is being exposed above the PEL. This SHALL trigger the employer to provide advanced training and certifications for the employees working with LCM.

If the Abatement method of all surfaces is to be completed, then the debris and any loose flaky paint must be bagged or burrito wrapped prior to the removal of the debris from the work area(s) and subsequently the site. Because the paint samples listed below were found to contain LCM/LBP, all areas where the LCM/LBP will be disturbed will require abatement, encapsulation, and/or prep work by a certified lead worker.

Although not all the rooms or materials (non-suspect) were sampled, the like materials that were not tested will be treated as homogeneous and the materials will be treated as containing LCM/LBP throughout the site.

The locations and results of the suspect samples found to be LCM/LBP are as follows:

Sample ID#	Material	Location	Condition	Mg/cm2
WBRO-1L	White Paint	Lower Concrete Abutment System, Various Areas	Cracking (1051-1053)	3.7 LBP
WBRO-2L	Gray Paint	Lower Concrete Abutment System, Various Areas	Cracking (1054-1057)	0.23 LCM
WBRO-4L	Orange Paint	Upper Metal Truss Guard Rail System, Various Areas	Cracking (1061-1063)	14.7 LBP

Prior to the demolition work being completed and/or the transporting of the debris from the site, Health and Safety Code 25157.8 (AB 2784 National Resources) requires that all lead debris be sampled for Waste Characterization. This will assist the Contractor in making a determination of whether or not the material is to be considered Hazardous or Non-Hazardous Lead waste or general construction debris. The sequence of testing to be completed by the Contractor is as follows:

- ♥ Total Threshold Limit concentration (TTLC) with a result of 50 mg/kg or more but less than 1,000 mg/kg of lead must be retested using the Soluble Threshold Limit concentration (STLC) method;
- ♥ A STLC result of 5.0 mg/L or greater is considered California Hazardous Waste;
- ♥ Total Characteristic Leaching Procedure (TCLP) testing shall only be accomplished when approved by the Owners Representative; This procedure shall be generally reserved for out-of-state shipments; and A TCLP result of 5.0 mg/L or more deems the waste Federal RCRA materials; and
- ♥ The California hazardous waste threshold for total lead using STLC is 5 mg/L and
- ♥ Lead paint that is intact on a surface does not permit the material to be classed as non-hazardous. Waste profiling shall be accomplished if the paint contains more than 350 ppm by Flame AAS. Exception: Metals that are coated with paint are to be recycled.

The following painted surfaces were found to be less than (<) the OSHA's Limit of Detection:

Sample ID#	Material	Location	Condition	Mg/cm2
WBRO-3L	Tan Paint	Upper Concrete Abutment System, Various Areas	Cracking (1058-1060)	<0.03

RECOMMENDATION:

In order to stabilize the current lead conditions, NAL recommends Lead Certified Workers certified by The California Department of Public Health or/a EPA certified Renovator, Repair and Painting (RRP) designation, conduct in-place management work of the LCM/LBP surfaces scheduled for renovation/demolition. Once the abatement, in-place management, and/or prep work is completed and the areas are stabilized, the existing surfaces will be in good condition and not create a health or safety concern to the workers conducting the general construction work at the site. A Scope of Work and/or specifications should be utilized to conduct the lead work at the site.

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.

Reviewed and submitted by:

Anthony M. De Arcos
Certified Asbestos Consultant
DOSH #92-0261
Certified Lead Inspector/Assessor
CDPH # 2406
Registered Environmental Property Assessor
REPA #938322039

Justin Gardner
Certified Site Surveillance Technician
DOSH #16-5820
Certified Lead Sampling Technician
CDPH #28096

MicroTest™ Laboratories, Inc.
NVLAP Lab Code 200999-0
5150 Sunrise Blvd, Suite B-1 Fair Oaks, CA 95628
Phone (916) 567-9808 or (800) 713-3334
microtestlabsinc@yahoo.com

Client:	**NAL** 2201 Francisco Drive, Suite 140-2611 El Dorado Hills, CA 95762	**Contact Name:** **Contact Name:** **Sampler:**	Anthony De Arcos Paula Lee Justin Gardner	**Accession #:** **Analyst:**	97589-97594 N. Ponce
Project:	Washington Blvd. Railroad Overpass Roseville, CA 95678	**Sample Date:** **Receipt Date:** **Report Date:**	07/05/17 07/07/17 07/07/17	**Samples Received:** **Samples Analyzed:**	6 6

Polarized Light Microscopy Test Report, EPA/600/R-93/116

Sample ID	Description	Fibrous/Non-Fibrous Material		Asbestiform Minerals
NW Upper Abutment WBRO-1 Lab ID: 97589	Gray Concrete	Binder	99%	None Detected
NE Upper Abutment WBRO-2 Lab ID: 97590	Gray Concrete	Binder	99%	None Detected
NW Lower Abutment WBRO-3 Lab ID: 97591	Gray Concrete	Binder	99%	None Detected
SE Upper Abutment WBRO-4 Lab ID: 97592	Gray Concrete	Binder	99%	None Detected
SW Upper Abutment WBRO-5 Lab ID: 97593	Gray Concrete	Binder	99%	None Detected
SE Lower Abutment WBRO-6 Lab ID: 97594	Gray Concrete	Binder	99%	None Detected

Laboratory Director: Rebecca Hutty Analyst: A. Nagra Analyst: M. Nguyen

97589-97594

Page 1 of 1

N·A·L ENVIRONMENTAL TESTING & CONSULTING

NAL LOG-IN RECORD

Login # 38365

Ph: 916.361.0555 Fx: 916.361.0540

National Analytical Laboratories, Inc.

Client#-Lot#	4734 / 20
Crawford & Associates	
Phone Number	
FAX Number	
Contact	Stephen J. Carter, PG
E-Mail Address	steve.carter@crawford-inc.com

Job Site/Job #:

Washington Boulevard Railroad Overpass:

Roseville, CA 95678

Date	7/3/2017
Sampling Date:	7/5/2020
Sampling Time	2:30:00 PM
Type Of Work:	PLM-BI
No. of Samples	6
Turnaround:	6 hours

Num.	Sample ID#	Location/Description	
1	WBRO-1	Northwest Upper Abutment / Concrete	97589
2	WBRO-2	Northeast Upper Abutment / Concrete	90
3	WBRO-3	Northwest Lower Abutment / Concrete	91
4	WBRO-4	Southeast Upper Abutment / Concrete	92
5	WBRO-5	Southwest Upper Abutment / Concrete	93
6	WBRO-6	Southeast Lower Abutment / Concrete	94

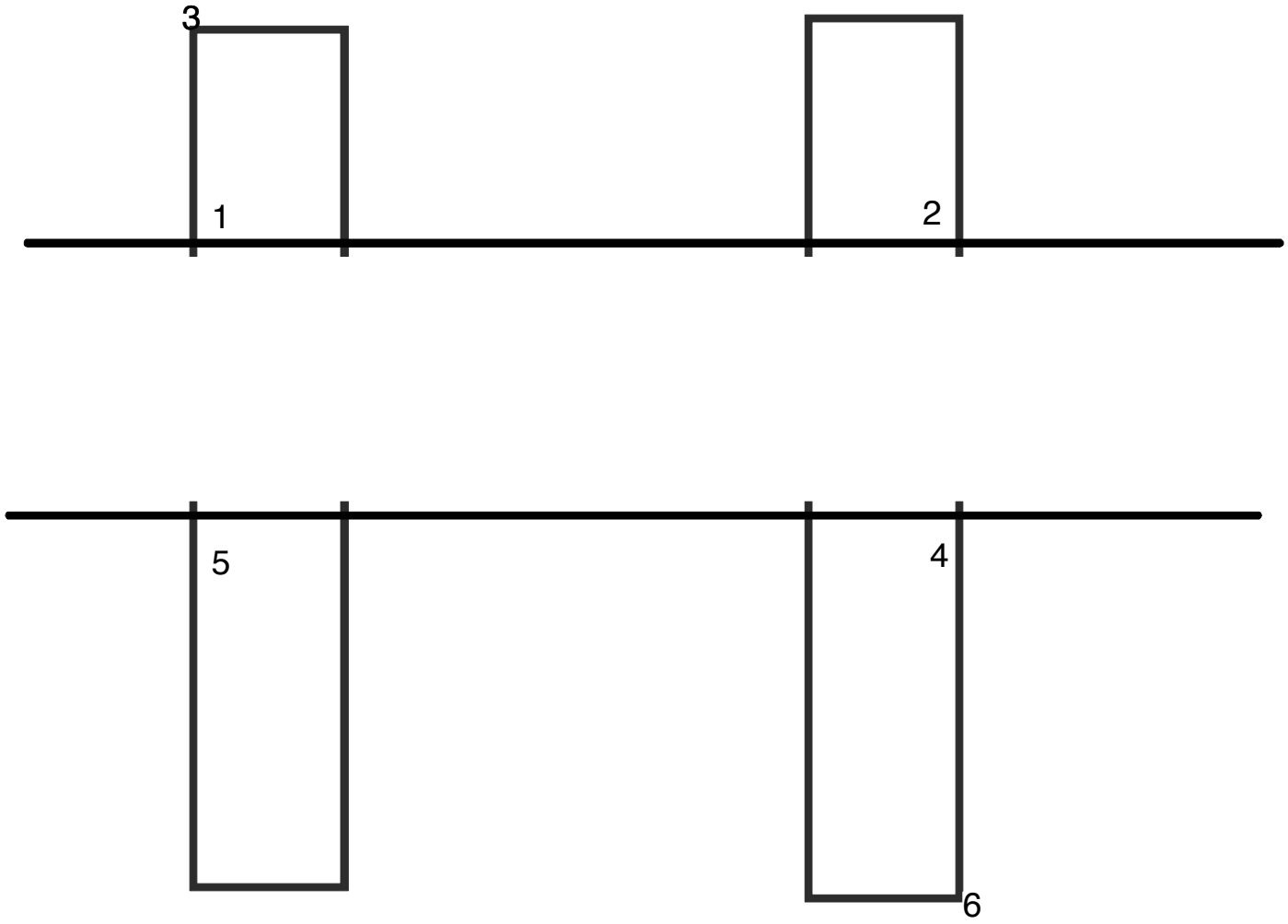
*IF RESULTS ARE LESS THAN 1%, PLEASE 400 POINT COUNT

Chain of Custody Information

Released By Signature	Date/ Time	Received By Signature	Date/ Time	Due:
Justin Gardner	07/06/17 1245			
Released By Signature	**Date/ Time**	**Received By Signature**	**Date/ Time**	**At:**

NITON Corporation
900 Middlesex Turnpike
Billerica, MA 01821

Ind	Reading	Time	Insp	Site	Side	Color	Substrate	Component	Condition	PbC	Units	Duration	Depth Index
1	1050	2017-07-06 18:55	JG		CALIBRATE					1.60 ± 0.10	mg / cm ^2	10.03	1.18
2	1051	2017-07-06 18:59	JG	WASH. RR BRIDGE		WHITE	CONCRETE	ABUTMENT	CRACKED	3.70 ± 1.00	mg / cm ^2	3.37	1.72
3	1052	2017-07-06 19:00	JG	WASH. RR BRIDGE		WHITE	CONCRETE	ABUTMENT	CRACKED	2.80 ± 0.90	mg / cm ^2	3.87	2.33
4	1053	2017-07-06 19:00	JG	WASH. RR BRIDGE		WHITE	CONCRETE	ABUTMENT	CRACKED	3.90 ± 1.10	mg / cm ^2	3.96	2.62
5	1054	2017-07-06 19:02	JG	WASH. RR BRIDGE		GRAY	CONCRETE	ABUTMENT	CRACKED	< LOD : 0.04	mg / cm ^2	3.37	1.47
6	1055	2017-07-06 19:02	JG	WASH. RR BRIDGE		GRAY	CONCRETE	ABUTMENT	CRACKED	< LOD : 0.87	mg / cm ^2	4.57	2.06
7	1056	2017-07-06 19:03	JG	WASH. RR BRIDGE		GRAY	CONCRETE	ABUTMENT	CRACKED	0.23 ± 0.09	mg / cm ^2	5.07	3.41
8	1057	2017-07-06 19:04	JG	WASH. RR BRIDGE		GRAY	CONCRETE	ABUTMENT	CRACKED	< LOD : 0.93	mg / cm ^2	5.07	2.17
9	1058	2017-07-06 19:04	JG	WASH. RR BRIDGE		TAN	CONCRETE	ABUTMENT	CRACKED	< LOD : 0.03	mg / cm ^2	4.36	1.00
10	1059	2017-07-06 19:05	JG	WASH. RR BRIDGE		TAN	CONCRETE	ABUTMENT	CRACKED	< LOD : 0.03	mg / cm ^2	1.59	1.00
11	1060	2017-07-06 19:06	JG	WASH. RR BRIDGE		TAN	CONCRETE	ABUTMENT	CRACKED	< LOD : 0.03	mg / cm ^2	3.17	1.00
12	1061	2017-07-06 19:07	JG	WASH. RR BRIDGE		ORANGE	METAL	GUARD RAIL	CRACKED	14.70 ± 2.20	mg / cm ^2	3.08	1.67
13	1062	2017-07-06 19:08	JG	WASH. RR BRIDGE		ORANGE	METAL	GUARD RAIL	CRACKED	8.70 ± 1.60	mg / cm ^2	3.48	1.62
14	1063	2017-07-06 19:08	JG	WASH. RR BRIDGE		ORANGE	METAL	GUARD RAIL	CRACKED	24.20 ± 2.70	mg / cm ^2	3.38	1.78
15	1064	2017-07-06 19:10	JG		CALIBRATE					3.60 ± 0.20	mg / cm ^2	11.04	1.30



ASBESTOS SAMPLE LOCATION MAP	Site Name:	Project #:	
Survey Date: 07/05/17	Site Address:	Scale: Not to scale	
Area:	**Washington Blvd RR Overpass Roseville, CA**	Layout and sample locations are approximated. **Legend:** - Non-ACCM Samples + ACCM Samples	N·A·L

State of California
California Environmental Protection Agency
Air Resources Board
ED/ESB/DSS – 151 (REV 09/15)

' ./%) &*0+(-,1$

POSTMARK: _____
DATE RECEIVED: _____
NOTIFICATION #: _____

ASBESTOS NESHAP NOTIFICATION OF DEMOLITION AND RENOVATION FORM

Attention – This Form is for Non-Delegated Air Districts in California Only

(More Information http://www.arb.ca.gov/enf/asbestos/asbestos.htm)

I. TYPE OF NOTIFICATION: (Check one)
☐ ORIGINAL | ☐ CANCELED | ☐ REVISION (IF REVISION, WRITE REVISION #: _____)

II. FACILITY INFORMATION (Identify Owner, Removal Contractor, and Other Operator)

Owner Name:			
Address:			
City:	County:	State:	ZIP:
Contact:			Telephone:
Asbestos Removal Contractor:			
Address:			
City:		State:	ZIP:
Contact:	Telephone:		Title:
Demolition Contractor:			
Address:			
City:		State:	ZIP:
Contact:	Telephone:		Title:

III. TYPE OF OPERATION: (Check one)
☐ DEMO(s)-, | ☐ ORDERED DEMO(s)-, | ☐ RENOVATION | ☐ EMERGENCY RENOVATION

IV. IS ASBESTOS PRESENT? (Check one)
☐ YES | ☒ NO
Please attach Asbestos Inspection Report (40 CFR 61.145(a))
What Asbestos Containing Materials are Going to be Removed:

V. NAME OF FACILITY AND DESCRIPTION:

Address:			
City: Roseville	County: Placer	State: CA	ZIP: 95678
Site Location:			
Building Size:	Number of Floors:		Age in Years:
Current Use:	Prior Use(s):		

VI. PROCEDURE, INCLUDING ANALYTICAL METHOD USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:
PLM

VII. APPROXIMATE AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM), INCLUDING:	' '(1*#0'& #/$'/0-/ %-.0#).).(+#0'.)#*/(RACM) ''& BE REMOVED	NONFRIABLE ASBESTOS MATERIAL TO BE REMOVED		NONFRIABLE ASBESTOS MATERIAL NOT TO BE REMOVED	
		Category I	Category II	Category I	Category II
Pipes (Linear Feet):	0	0	0	0	0
Surface Area (Square Feet):	0	0	0	0	0
Volume RACM Off Facility Component (Cubic Feet):	0	0	0	0	0

VIII. SCHEDULED DATES OF DEMOLITION (MM/DD/YY) Start: Complete:

IX. SCHEDULED DATES OF ASBESTOS REMOVAL (MM/DD/YY) Start: Complete:

Weekday Work Hours:_____ Weekend Work Hours:_____

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

XII. WASTE TRANSPORTER:
Name:

Address:

City:	State:	ZIP:
Contact Person:	Telephone:	

XIII. NAME OF WASTE DISPOSAL SITE:

Address:

City:	State:	Zip:

Telephone:

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:

Name:	Title:

Authority:

Date of Order (MM/DD/YY):	Date Ordered to Begin (MM/DD/YY):

XV. FOR EMERGENCY RENOVATIONS

a) Date and Hour of Emergency (MM/DD/YY):

b) Description of the Sudden, Unexpected Event:

c) Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS (REQUIRED 1 YEAR AFTER PROMULGATION)

_____ _____
(SIGNATURE OF OWNER/OPERATOR) (DATE)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

_____ _____
(SIGNATURE OF OWNER/OPERATOR) (DATE)

PLEASE ATTACH ASBESTOS INSPECTION REPORT

APPENDIX G

Analytical Laboratory Reports and Chain-of Custody Documentation

Date of Report: 07/17/2017

Steve Carter

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

Client Project:	16-285.1 Washington/Andora
BCL Project:	Soil Samples
BCL Work Order:	1716323
Invoice ID:	B271401, B273282

Enclosed are the results of analyses for samples received by the laboratory on 6/15/2017. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1000618985

Sincerely,

Contact Person: Misty Orton
Client Service Rep

Stuart Buttram
Technical Director

Table of Contents

Table of Contents

Chain of Custody and Cooler Receipt Form for 1716323 Page 1 of 4

BC LABORATORIES, INC.

Chain of Custody Form

17-16323 Page 1 of 2

Report To:
Client: Crawford & Assoc.
Attn: Steve Carter 230
Street Address: 1100 Corporate Wy #200
City, State, Zip: Sacramento . CA 95834
Phone (916) 307-6166 Fax: –
Email: steve.carter@crawford-inc.com
Work Order #:

Project #: 16-285.1
Project Name: Washington/Andora
Sampler(s): Stan Walden, Steve Carter

Analysis Requested (Please refer to the back of this page for completion instructions and method legend.)

Comments:

Result Request **Surcharge: ☒ STD (10 Days) ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**

Sample #	Description	Date Sampled	Time Sampled	Total Lead EPA 6010	pH EPA 9045	Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Notes
-1	Fogline	6/14/17	9:55	+							X	
-2	ADL 1-A	↓	10:12	↓		X						
-3	ADL 1-B		10:22			X						
-4	ADL 2-A		10:38		X	X						
-5	ADL 2-B		10:42			X						
-6	ADL 3-A		11:38			X						
-7	ADL 3-B		11:41			X						
-8	ADL 4-A		11:45			X						
-9	ADL 4-B		11:57		X	X						
-10	ADL 5-A		11:10			X						
-11	ADL 5-B		11:13			X						
-12	ADL 6-A		11:20		X	X						
-13	ADL 6-B	↓	11:22	↓		X						

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

Billing ☒ Same as above
Client:
Address:
City: State Zip
Attn:
P.O. #:

EDF Required? Geotracker ☐ Yes ☒ No
Send Copy to State of CA? (EDT) ☐ Yes ☒ No

Global ID (Needed for EDF) –
System # (Needed for EDT) –

Relinquished By	Date	Time	Received By	Date	Time
1. [signature] S. Carter	6/14/17	15:58	1. [signature]	6/14/17	15:58
2. [signature]	6/14/17	16:15	2. [signature]	6/14/17	16:15
3. [signature]	6/14/17	16:20	3. [signature]	6.15.17	09:20

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

BC LABORATORIES, INC. — Chain of Custody Form

17-16323 Page 2 of 2

Report To: Client: Crawford & Assoc.	Project #: 16-2851
Attn: Steve Carter	Project Name: Washington / Andara
Street Address: 1100 Corporate Wy #230	Sampler(s): ~~Alan Walker~~ Steve Carter
City, State, Zip: Sacramento, CA 95831	
Phone: (916) 307-6166 Fax: —	
Email: steve.carter@crawford-inc.com	
Work Order #:	

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	Total lead Pb	Sample Matrix: Soil	Sludge	Drinking Water	Ground Waater	Waste Water	Other	Result Request **Surcharge: STD (10 Days) / 5 Day** / 2 Day** / 1 Day**	Notes
-14	PAINT - 1	6/14/17	11:10	X						X		
-15	PAINT - 2	6/14/17	11:24	X						X		

Billing

☒ Same as above

Client: _____

Address: _____

City: _____ State _____ Zip _____

Attn: _____

P.O. #: _____

EDF Required? Geotracker ☐ Yes ☒ No

Send Copy to State of CA? (EDT) ☐ Yes ☒ No

Global ID (Needed for EDF): —

System # (Needed for EDT): —

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	6/14/17	15:48	[signature]	6/14/17	15:58
2.	[signature]	6/14/17	16:15	[signature]	6/14/17	16:15
3.	[signature]	6/14/17	16:20	[signature] 6.15.17		09:20

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

Chain of Custody and Cooler Receipt Form for 1716323 Page 3 of 4

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 2

Submission #: 17-16323

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

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

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

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: .98 Container: Cans Thermometer ID: 208 Date/Time 6.15.17

Temperature: (A) 0 °C / (C) 0 °C Analyst Init 1200

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										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / ~~16oz~~ / 32oz ~~AMBER~~ 5oz		A	A	A	A		A			
8oz / 16oz / 32oz JAR	A					A		A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:
Sample Numbering Completed By: CDA Date/Time: 1225 6/15/17
A = Actual / C = Corrected

Rev 21 05/23/2016
[S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMREC rev 20]

Chain of Custody and Cooler Receipt Form for 1716323 Page 4 of 4

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 2

Submission #: 17-16323

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

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

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

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: .98 Container: Glass Thermometer ID: 208 Date/Time 6:15:17

Temperature: (A) 0 °C / (C) 0 °C Analyst Init DM 1:20

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										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A					
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: Cas Date/Time: 1225 6/15/17

A = Actual / C = Corrected

Rev 21 05/23/2016
(S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMREC rev 20)

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1716323-01	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 09:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Fogline	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Other
1716323-02	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 10:12
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 1-A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-03	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 10:22
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 1-B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-04	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 10:38
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 2-A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-05	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 10:42
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 2-B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-06	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:38
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 3-A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-07	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:41
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 3-B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1716323-08	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 4-A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-09	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:57
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 4-B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-10	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 5-A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-11	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:13
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 5-B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-12	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 6-A	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-13	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:22
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	ADL 6-B	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Soil
1716323-14	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Paint - 1	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Other

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1716323-15	**COC Number:**	---	**Receive Date:**	06/15/2017 09:20
	Project Number:	---	**Sampling Date:**	06/14/2017 11:24
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Paint - 2	**Lab Matrix:**	Solids
	Sampled By:	Steve Carter/Stan Walker	**Sample Type:**	Other

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-01 | **Client Sample Name:** Fogline, 6/14/2017 9:55:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**2.8**	**mg/kg**	**25**	**2.8**	**EPA-6010B**	ND	**J,A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 13:41	JCC	PE-OP3	10	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

WET Test (STLC)

BCL Sample ID: 1716323-02 | **Client Sample Name:** ADL 1-A, 6/14/2017 10:12:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**65**	**mg/L**	**0.50**	**0.16**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	07/09/17	07/10/17 12:20	JCC	PE-OP3	1	B[G0513

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-02 | **Client Sample Name:** ADL 1-A, 6/14/2017 10:12:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**1200**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:10	JCC	PE-OP3	0.917	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-03 | **Client Sample Name:** ADL 1-B, 6/14/2017 10:22:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**11**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:11	JCC	PE-OP3	0.971	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Chemical Analysis

BCL Sample ID: 1716323-04 | **Client Sample Name:** ADL 2-A, 6/14/2017 10:38:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
pH	**6.33**	**pH Units**	**0.05**	**0.05**	**EPA-9045D**		**pH1:1**	1
pH Measurement Temperature	**25.1**	**C**	**0.1**	**0.1**	**EPA-9045D**			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-9045D	06/19/17	06/19/17 11:15	DIW	PH10	1	B[F1709

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

WET Test (STLC)

BCL Sample ID: 1716323-04 | **Client Sample Name:** ADL 2-A, 6/14/2017 10:38:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**32**	**mg/L**	**0.50**	**0.16**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	07/09/17	07/10/17 12:34	JCC	PE-OP3	1	B[G0513

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-04 | **Client Sample Name:** ADL 2-A, 6/14/2017 10:38:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**630**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:13	JCC	PE-OP3	0.962	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-05 | **Client Sample Name:** ADL 2-B, 6/14/2017 10:42:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**15**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:51	JCC	PE-OP3	0.990	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-06 | **Client Sample Name:** ADL 3-A, 6/14/2017 11:38:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**19**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:53	JCC	PE-OP3	0.952	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-07 | **Client Sample Name:** ADL 3-B, 6/14/2017 11:41:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**4.8**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:54	JCC	PE-OP3	0.990	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

WET Test (STLC)

BCL Sample ID: 1716323-08 | **Client Sample Name:** ADL 4-A, 6/14/2017 11:45:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**10**	**mg/L**	**0.50**	**0.16**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	07/09/17	07/10/17 12:35	JCC	PE-OP3	1	B[G0513

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-08 | **Client Sample Name:** ADL 4-A, 6/14/2017 11:45:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**220**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:56	JCC	PE-OP3	0.926	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Chemical Analysis

BCL Sample ID: 1716323-09 | **Client Sample Name:** ADL 4-B, 6/14/2017 11:57:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
pH	**5.97**	**pH Units**	**0.05**	**0.05**	**EPA-9045D**		**pH1:1**	1
pH Measurement Temperature	**24.7**	**C**	**0.1**	**0.1**	**EPA-9045D**			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-9045D	06/19/17	06/19/17 11:15	DIW	PH10	1	B[F1709

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-09 | **Client Sample Name:** ADL 4-B, 6/14/2017 11:57:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**19**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 12:57	JCC	PE-OP3	0.952	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

WET Test (STLC)

BCL Sample ID: 1716323-10 | **Client Sample Name:** ADL 5-A, 6/14/2017 11:10:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**100**	**mg/L**	**0.50**	**0.16**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	07/09/17	07/10/17 12:37	JCC	PE-OP3	1	B[G0513

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-10 | **Client Sample Name:** ADL 5-A, 6/14/2017 11:10:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**800**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	07/11/17	07/14/17 22:40	JCC	PE-OP3	0.952	B[G0673

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-11 | **Client Sample Name:** ADL 5-B, 6/14/2017 11:13:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**32**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 13:00	JCC	PE-OP3	0.909	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Chemical Analysis

BCL Sample ID: 1716323-12 | **Client Sample Name:** ADL 6-A, 6/14/2017 11:20:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
pH	**6.82**	**pH Units**	**0.05**	**0.05**	**EPA-9045D**		**pH1:1**	1
pH Measurement Temperature	**24.7**	**C**	**0.1**	**0.1**	**EPA-9045D**			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-9045D	06/19/17	06/19/17 11:15	DIW	PH10	1	B[F1709

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

WET Test (STLC)

BCL Sample ID: 1716323-12 | **Client Sample Name:** ADL 6-A, 6/14/2017 11:20:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**3.9**	**mg/L**	**0.50**	**0.16**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	07/09/17	07/10/17 12:39	JCC	PE-OP3	1	B[G0513

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-12 | **Client Sample Name:** ADL 6-A, 6/14/2017 11:20:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**84**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 13:01	JCC	PE-OP3	1	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-13 | **Client Sample Name:** ADL 6-B, 6/14/2017 11:22:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**13**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/16/17	06/20/17 13:03	JCC	PE-OP3	0.952	B[F1591

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-14 | **Client Sample Name:** Paint - 1, 6/14/2017 11:10:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**6300**	**mg/kg**	**12**	**1.4**	**EPA-6010B**	ND	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/19/17	06/21/17 15:02	JCC	PE-OP3	4.762	B[F1712

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
Project Manager: Steve Carter

Total Concentrations (TTLC)

BCL Sample ID: 1716323-15 | **Client Sample Name:** Paint - 2, 6/14/2017 11:24:00AM, Steve Carter/Stan Walker

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**19000**	**mg/kg**	**12**	**1.4**	**EPA-6010B**	ND	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/19/17	06/21/17 15:04	JCC	PE-OP3	4.854	B[F1712

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[F1709										
pH	B[F1709-BS1	LCS	4.0210	4.0000	pH Units	101		95 - 105		

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[F1709	Used client sample: Y - Description: ADL 2-A, 06/14/2017 10:38										
pH	DUP	1716323-04	6.3330	6.3320		pH Units	0.0		20		

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[G0513						
Lead	B[G0513-BLK1	ND	mg/L	0.50	0.16	

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[G0513										
Lead	B[G0513-BS1	LCS	17.992	20.000	mg/L	90.0		85 - 115		

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[G0513	Used client sample: Y - Description: ADL 1-A, 06/14/2017 10:12										
Lead	DUP	1716323-02	64.812	66.677		mg/L	2.8		20		
	MS	1716323-02	64.812	85.006	20.408	mg/L		99.0		75 - 125	
	MSD	1716323-02	64.812	81.383	20.408	mg/L	4.4	81.2	20	75 - 125	

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[F1591						
Lead	B[F1591-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: B[F1712						
Lead	B[F1712-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: B[G0673						
Lead	B[G0673-BLK1	ND	mg/kg	2.5	0.28	

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[F1591										
Lead	B[F1591-BS1	LCS	99.114	100.00	mg/kg	99.1		75 - 125		
QC Batch ID: B[F1712										
Lead	B[F1712-BS1	LCS	100.37	100.00	mg/kg	100		75 - 125		
QC Batch ID: B[G0673										
Lead	B[G0673-BS1	LCS	110.35	100.00	mg/kg	110		75 - 125		

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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: B[F1591	Used client sample: N										
Lead	DUP	1715919-06	ND	ND		mg/kg			20		
	MS	1715919-06	ND	87.923	100.00	mg/kg		87.9		75 - 125	
	MSD	1715919-06	ND	88.455	100.00	mg/kg	0.6	88.5	20	75 - 125	
QC Batch ID: B[F1712	Used client sample: N										
Lead	DUP	1715810-01	5.3405	5.5518		mg/kg	3.9		20		
	MS	1715810-01	5.3405	91.468	100.00	mg/kg		86.1		75 - 125	
	MSD	1715810-01	5.3405	92.566	100.00	mg/kg	1.2	87.2	20	75 - 125	
QC Batch ID: B[G0673	Used client sample: N										
Lead	DUP	1718455-08	5.9160	6.1885		mg/kg	4.5		20		
	MS	1718455-08	5.9160	105.14	100.00	mg/kg		99.2		75 - 125	
	MSD	1718455-08	5.9160	109.86	100.00	mg/kg	4.4	104	20	75 - 125	

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

Reported: 07/17/2017 9:58
Project: Soil Samples
Project Number: 16-285.1 Washington/Andora
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