

**Addendum to the Archaeological Survey Report for the
Interstate 80/Interstate 680/State Route 12 Interchange Project**

District 4-SOL-80 (PM 10.8/17.0); SOL-680 (PM 10.0/13.1);
SOL-SR 12 (PM1.7/L2.8); and SOL-SR 12 (PM L1.8/4.8)
EA # 0A5300, Project #04-0000-0150

REASON FOR THIS ADDENDUM

Since the approval of the Archaeological Survey Report (ASR) for the Interstate 80/Interstate 680/State Route 12 Interchange Project in September, 2009, a change has been incorporated into the project description by the Solano Transportation Authority (STA) and the Department.

The change in the project description involves the relocation of a Pacific Gas & Electric (PG&E) valve lot to an alternate site than previously analyzed. PG&E has indicated that the site previously identified for relocation of the valve lot is not ideal for their long term needs; PG&E has thus identified an alternate site for relocation of the valve lot. The alternate site would be located on property to the east of I-680 along Central Way. This proposed site is owned by the Fairfield-Suisun Unified School District (FSUSD). See Figure 1 of **Attachment A**.

The purpose of this addendum is to update the previously approved Archaeological Survey Report and to document any changes in the analysis that results from the changes in the project description described above.

RELOCATION DESCRIPTION

Please refer to **Attachment A** of this addendum for a description of the setting and activities associated with the relocation of the PG&E valve lot to the alternate site.

ANALYSIS

The alternate site is located outside the original project Area of Potential Effect (APE) for archaeology (direct APE). A supplemental APE map is attached (**Attachment B**). This APE encompasses the project footprint and all access and staging areas. The vertical APE is a maximum of 18 feet for pipeline tie-ins, with most excavation extending from 5 to 10 feet below surface.

A supplemental records search was conducted at the Northwest Information Center of the California Historical Resources Information System, in June 2011. The records search indicated that three previous studies encompassed approximately 5 percent of the project area and that no cultural resources have been recorded within the project area. The previous Archaeological Survey Report and associated Extended Phase 1 Study indicate that this area is not particularly sensitive for cultural resources, despite the recommendations of the records search to the contrary.

A field survey of the project area was conducted on December 13, 2011, by ICF archaeologist, Shahira Ashkar, MA, RPA. Ms. Ashkar meets the Secretary of Interiors standard for historical and prehistoric archaeologist. The project area was examined using systematic survey transects spaced 20 meters apart. Visibility was poor due to heavy vegetation, so areas of soil disturbance and excavation were examined when available. No artifacts not obviously associated with the school that used to occupy the property were located. No archaeological resources were located as a result of the field survey.

CONCLUSION

For the reasons described above, relocating the PG&E valve lot to the alternate site would not change the findings, recommendation or conclusions of the Archaeological Survey Report.

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**ATTACHMENT A:
RELOCATION DESCRIPTION**

**ATTACHMENT A:
PACIFIC GAS & ELECTRIC (PG&E) VALVE LOT RELOCATION DESCRIPTION**

Project Location, Setting and Description:

The existing valve lot would be relocated within a 7.69 acre site, owned by the Fairfield Suisun Unified School District (APN 045-300-070) (see **Figure 1**), located at 3630 Ritchie Road in the City of Fairfield within Solano County. The relocated valve lot would occupy a 1.32-acre portion of the school district parcel (northwestern portion of the property). The 7.69 acre parcel would be divided into two separate parcels: 1) one 1.32-acre parcel for the relocated PG&E valve lot and portions of the pipelines leading to the valve lot which would be acquired by STA; and, 2) the remainder of the parcel (6.37 acres) for future development (development of which is not part of this project).

The project site for the valve lot is currently vacant, but was previously occupied by the Green Valley Middle School. The school has been relocated, the buildings demolished and the site has remained vacant since 2004. A portable classroom unit which is no longer used is located on the western portion of the project site, which would be removed as part of the project prior to construction.

The 7.69 acre site is bound by Ritchie Road to the west, commercial/industrial businesses to the north, and Grobric Court to the east. Cordelia Automotive, a mechanical automotive service business, and Classic Powder Coating, a metal refinishing business is immediately north of the project site. Inserv Company, a water treatment product and equipment business, is east of the project site. Vacant areas are immediately south of the project site. I-680 and I-80 are located 0.15 miles to the west and north of the project site, respectively. Green Valley Creek is 0.1 miles northeast of the project site. The Village of Cordelia Historic District is 0.2 miles south of the project site.

The existing PG&E valve lot is located between I-680 and I-80, to the east of Lopes Road (See **Figure 1**). The project would relocate the existing valve lot to a new location on the east side of I-80 (the project site) 0.2 mile (approximately 1,000 feet) east of its current location. All activities on the existing valve lot would cease as the lot would be deactivated and all pipeline maintenance equipment on site would be removed once the new valve lot is operational. Relocation of the valve lot is necessary to make way for the proposed improvements to the Green Valley overcrossing.

Figure 2 shows the plan for relocating the valve lot and pipelines. As shown in the figure, all major piping and valves would be installed below ground with the exception of aboveground pipeline extensions with valve/hand wheels to regulate gas flow. The installation of pipelines and the valve/hand wheels aboveground on the project site would require excavations of approximately 5 to 10 feet, depending on the location. The final height of the aboveground equipment would be at ground level. Additionally, a pipeline inspection gauge (pig) launcher would be installed at the project site. Pig launchers are pipeline maintenance equipment used to clean the pipeline or assess corrosion along a pipeline. Piping associated with the pig launcher would be approximately 4 to 5 feet above ground.

The finished valve lot would be approximately 1 foot above grade with an aggregate base (gravel). Maintenance equipment and pipelines installed would be enclosed with a 7-foot high chain-linked fence.

Five new underground gas pipelines would be installed to connect the existing natural gas system to the relocated valve lot (see **Figure 3**). Of the five pipelines, two pipelines would route gas to the valve lot and three pipelines would route gas from the valve lot to PG&E's existing gas distribution system. **Table 1** lists the diameter and length of the project pipelines. The capacity of the natural gas pipelines or PG&E's gas delivery system would not increase as a result of the project.

Table 1: Project Pipeline Details

Pipeline	Diameter	Length
Pipelines Routing Gas to the Valve Lot		
L-210A	32 inches	100 feet
L-210B	16 inches	350 feet
Pipelines Routing Gas from the Valve Lot		
L-210A	24 inches	1,650 feet
L-210B	16 inches	1,650 feet
L-210C	24 inches	650 feet

Source: GTS, 2011; Circlepoint, 2011.

Construction to install pipelines under roadways, including I-680, I-80, and Central Way would utilize trenchless construction methods, such as the guided boring method¹ or horizontal directional drilling², to limit surface ground disturbances. In other areas, trenching and open-cut methods would be used to install the pipelines. The direct buried sections of the pipelines would be excavated to a maximum depth of 8 feet; the new pipelines would be located at a minimum depth of 5 feet. At pipeline tie-in areas, bell holes³ would be excavated to maximum depth of 18 feet.

Figure 4 shows the areas of surface disturbances and subsurface disturbances related to project construction. All of these areas with the exception of the 7.69 acre site owned by the Fairfield Suisun Unified School District, occur within areas already identified for ground disturbance as part of the Alternative C, Phase 1 project.

The valve lot relocation would require the acquisition of 1.32 acres from the Fairfield Suisun Unified School District, and secure permanent and temporary easements needed for operation/maintenance and construction staging purposes. **Table 2** lists the Assessor Parcel Numbers (APN) and acreages associated with the acquisition and permanent easements. **Figure 5** shows the location of the fee acquisition and easements.

¹ The guided boring method of pipeline installation is a 3-step process. First, a pilot tube is pushed through the ground from a jacking shaft to a reception shaft at the end location. Second, the pilot bore is enlarged from the jacking shaft to the reception shaft using augers inside a steel casing. Lastly, the pipe is pushed behind the steel casing, and the steel casing is extracted at the reception shaft simultaneously.

² Horizontal directional drilling (HDD) is a surface-launched process whereby a pilot bore is drilled by pushing a drill pipe and drill bit from the entry point along a curved pathway to the exit point. When the pilot bore is complete, the bore is reamed in one or more passes to enlarge the bore to the diameter that can accommodate the pipe. The steel pipe is then pulled into the bore back to the entry point.

³ Bell holes are excavations made at the section joints of a pipeline. PG&E would excavate the soils to make it safe for construction employees to work.

Table 2: Project Acquisition and Permanent Easements

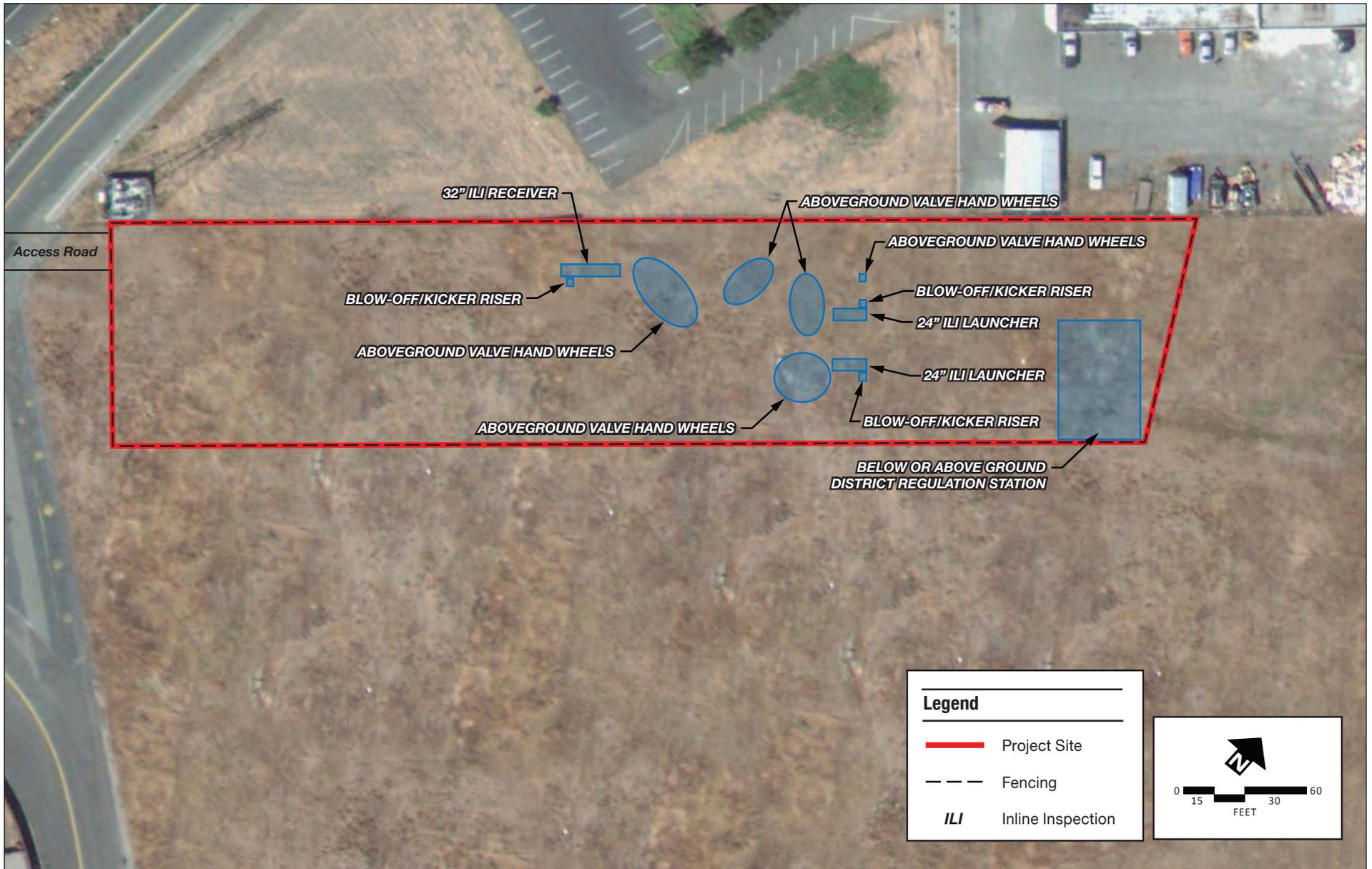
APN	Owner	Acreage
Fee Acquisition		
0045-3000-070	Fairfield Suisun Unified School District	1.32 acres
<i>Total Acreages under Fee Acquisition</i>		<i>1.32 acres</i>
Permanent Easements		
0045-300-040	James L. & Cheryl C. Campi	0.12 acres
0045-300-070	Fairfield Suisun Unified School District	0.07 acres
<i>Total Acreages under Permanent Easement</i>		<i>0.19 acres</i>

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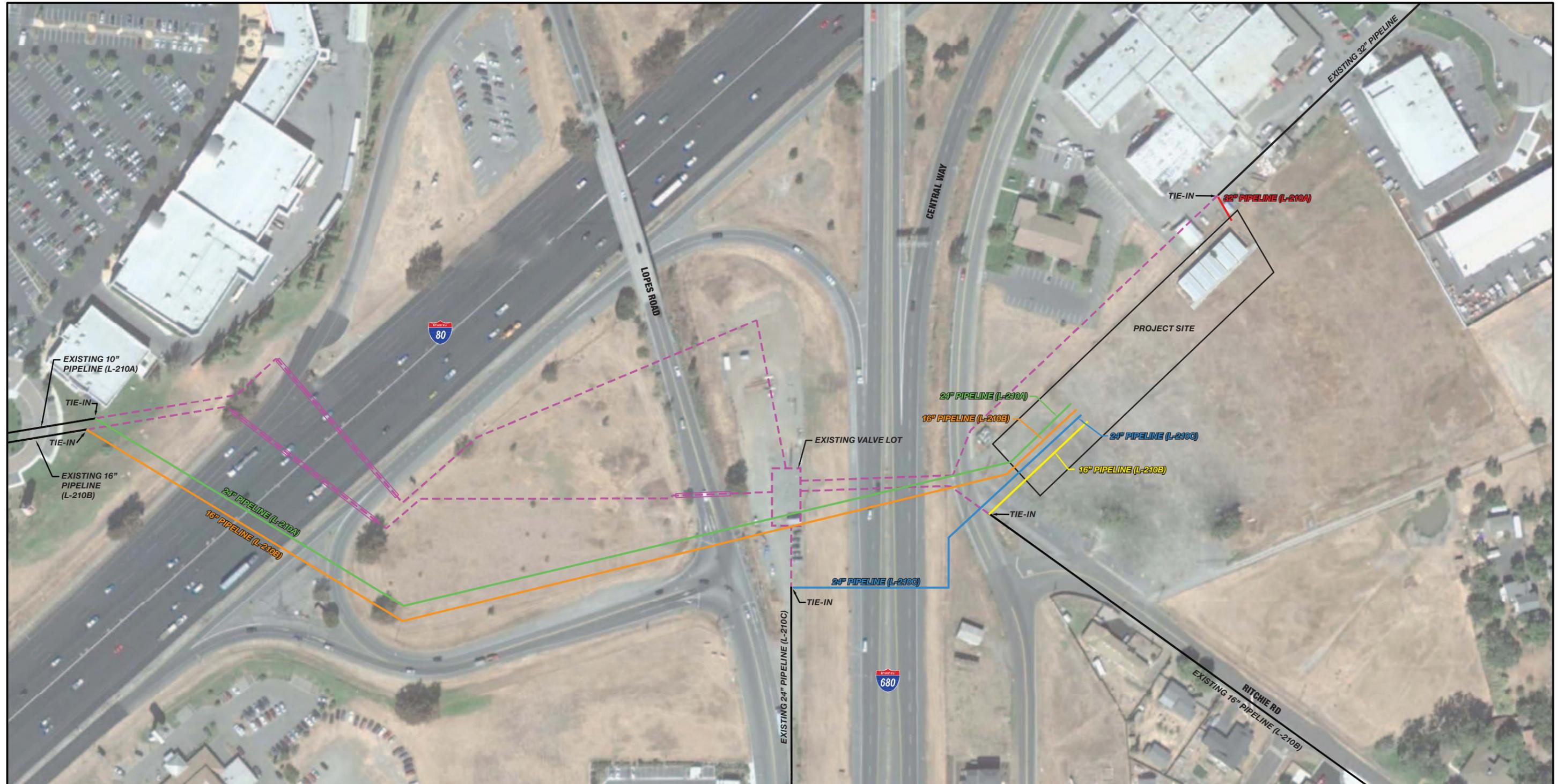
Project Location Map

Figure



Project Site Plan

Figure



Legend

- EXISTING PIPELINES**
- Existing Transmission System to Remain
 - - - Existing Pipelines and Valve Lot (To be deactivated)

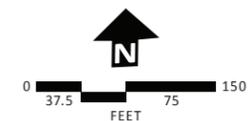
PROJECT PIPELINES

PIPELINES ROUTING GAS TO THE VALVE LOT

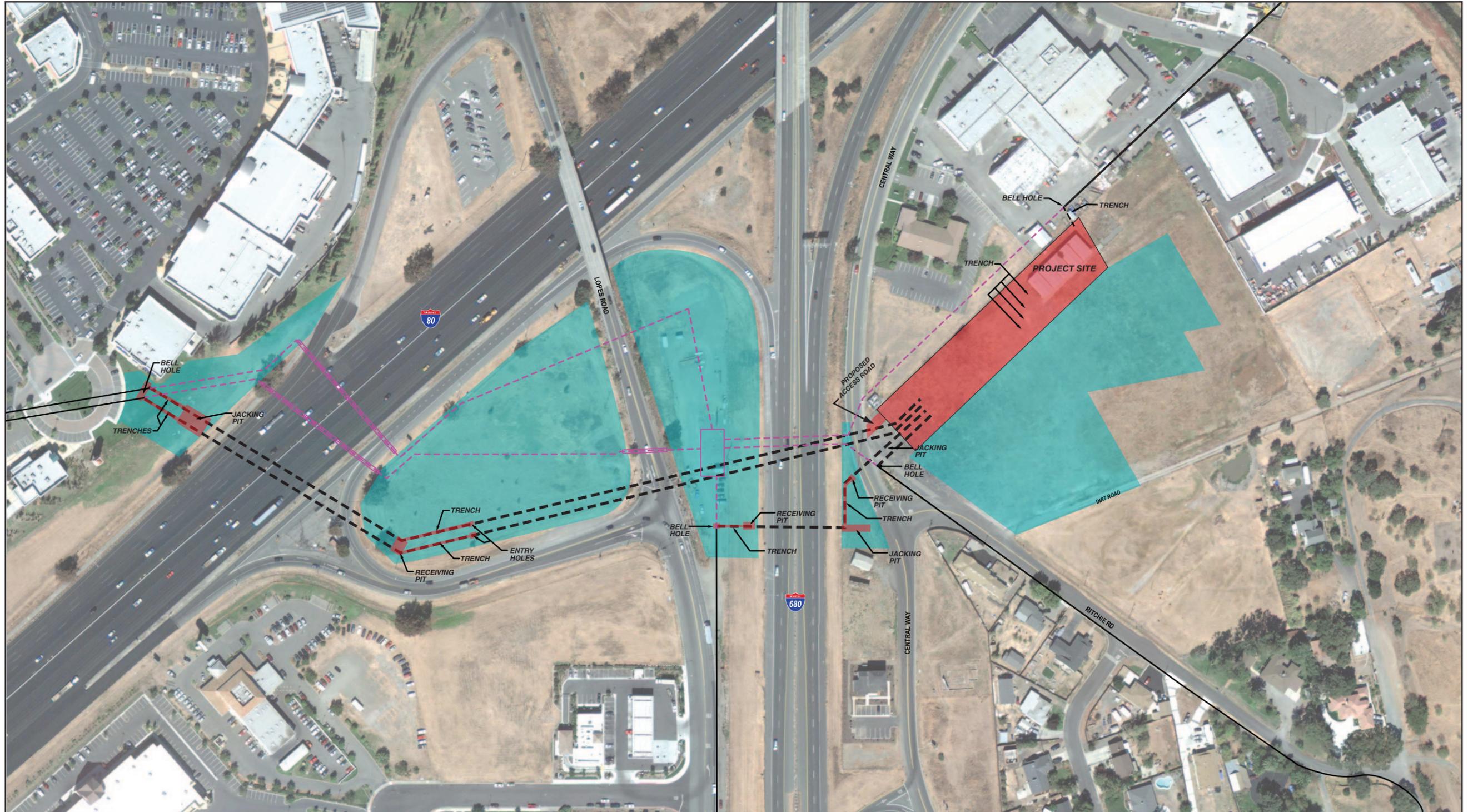
- L-210 A
- L-210 B

PIPELINES ROUTING GAS FROM THE VALVE LOT

- L-210 A
- L-210 B
- L-210 C



Off-Site Pipelines **Figure**

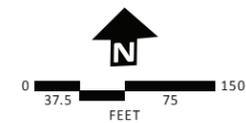


Legend

Areas of Disturbance

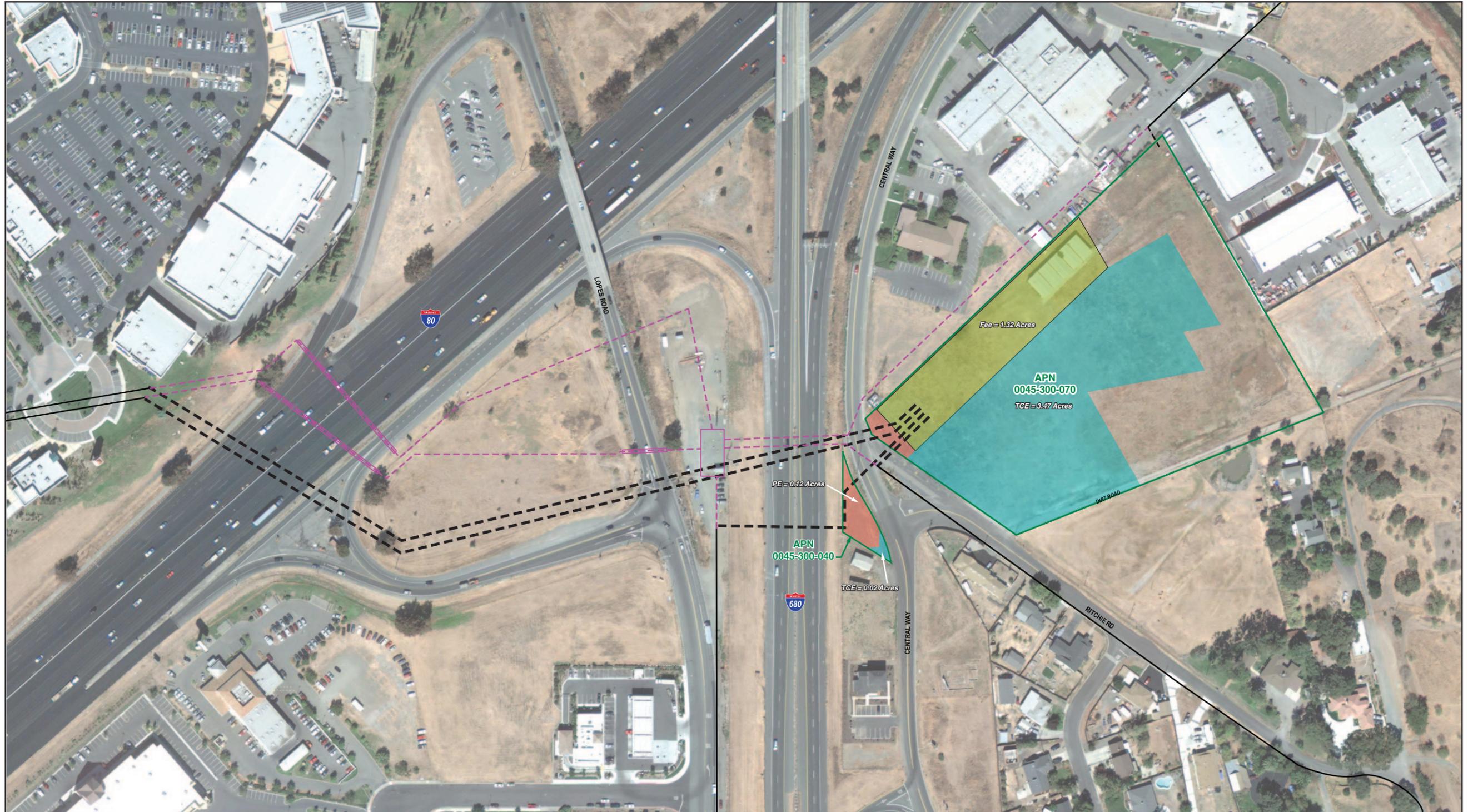
- Construction Impact Areas (Temporary Construction Easements)
- Soil Disturbance Area

- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)



* Areas of disturbance include permanent and temporary disturbances.

Area of Disturbance Figure



* Areas of disturbance include permanent and temporary disturbances.

Legend

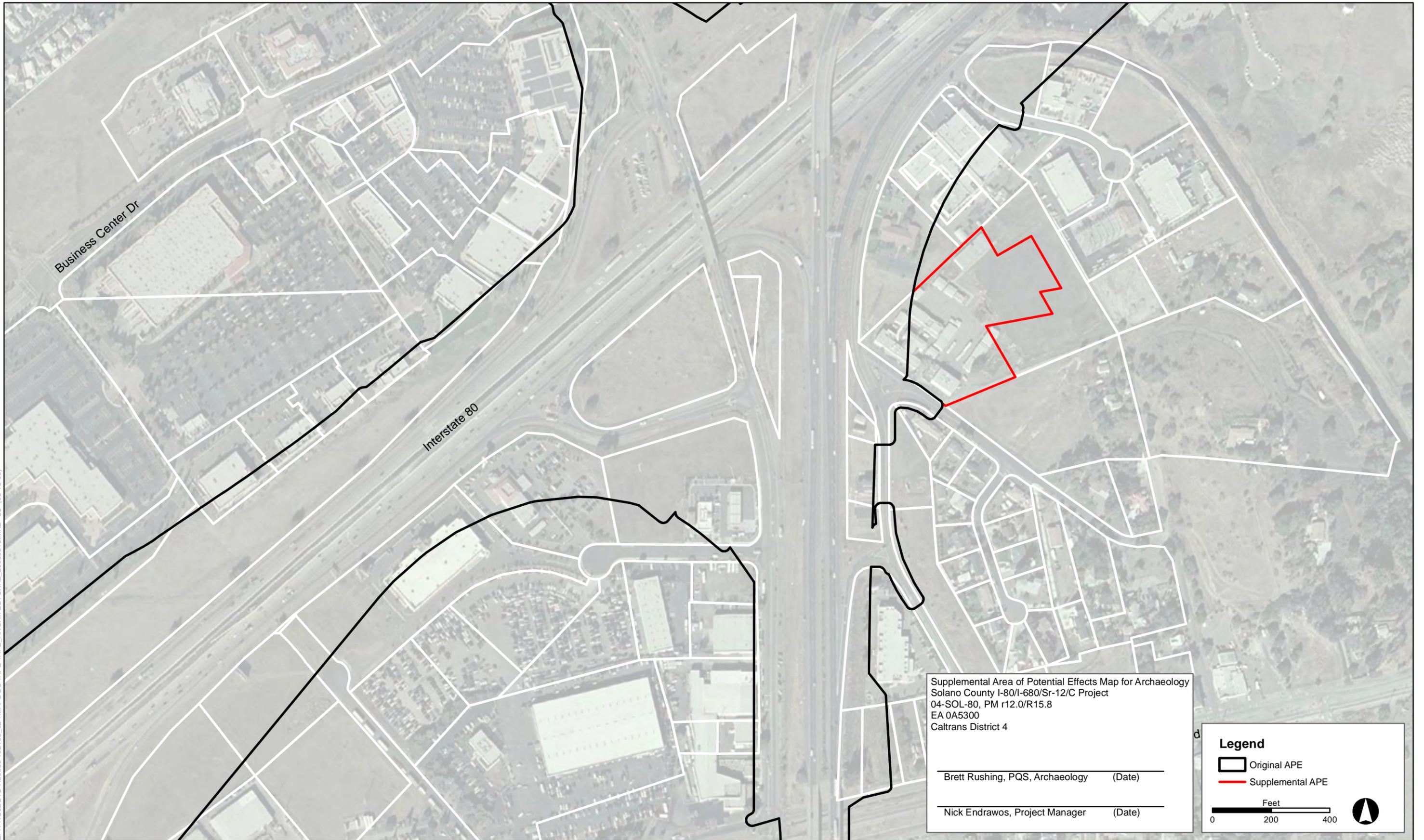
- Permanent Easement (PE)
- Project Valve Lot Location (Fee Acquisition)
- Temporary Construction Easement (TCE)
- APN Parcel
- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)

Acquisition and Easement Locations

Figure

**ATTACHMENT B:
SUPPLEMENTAL APE MAP**

Q:\PROJECTS\180680\02166_02\MAPDOC\APE_ARCHITECTURAL_20090616.MXD, SS (06-16-09)



Supplemental Area of Potential Effects Map for Archaeology
 Solano County I-80/I-680/Sr-12/C Project
 04-SOL-80, PM r12.0/R15.8
 EA 0A5300
 Caltrans District 4

 Brett Rushing, PQS, Archaeology (Date)

 Nick Endrawos, Project Manager (Date)

Legend

□ Original APE

— Supplemental APE

Feet

0 200 400

**Addendum to the Initial Site Assessment Update for the
Interstate 80/Interstate 680/State Route 12 Interchange Project**

District 4-SOL-80 (PM 10.8/17.0); SOL-680 (PM 10.0/13.1);
SOL-SR 12 (PM1.7/L2.8); and SOL-SR 12 (PM L1.8/4.8)
EA # 0A5300, Project #04-0000-0150

REASON FOR THIS ADDENDUM

Since the approval of the Initial Site Assessment Update for the Interstate 80/Interstate 680/State Route 12 Interchange Project in 2009, a change has been incorporated into the project description by the Solano Transportation Authority (STA) and the Department.

The change in the project description involves the relocation of a Pacific Gas & Electric (PG&E) valve lot to an alternate site than previously analyzed. PG&E has indicated that the site previously identified for relocation of the valve lot is not ideal for their long term needs; PG&E has thus identified an alternate site for relocation of the valve lot. The alternate site would be located on property to the east of I-680 along Central Way. This proposed site is owned by the Fairfield-Suisun Unified School District (FSUSD). See Figure 1 of **Attachment A**.

The purpose of this addendum is to update the previously approved Initial Site Assessment Update and to document any changes in the analysis that results from the change in the project description described above.

RELOCATION DESCRIPTION

Please refer to **Attachment A** of this addendum for a description of the setting and activities associated with the relocation of the PG&E valve lot to the alternate site.

ANALYSIS

The environmental study area (ESA) in the Initial Site Assessment Update does not encompass the alternate valve lot site (See Figure 3.2.5-5 of the Draft EIR/EIS). An Environmental Data Review (EDR) Radius Map Report with Geotrack was ordered for the alternate valve lot site to assess whether the site had been listed as a hazardous materials release site in state and federal databases. The EDR Report is included as **Attachment B** to this addendum.

The alternate site is not identified as a hazardous materials release site in state and federal databases. The closest site identified as having an unauthorized release of hazardous materials to the alternate site is located at 4731 Central Way (listed as Campbell's Carpet), approximately 0.1 mile north. The Campbell's Carpets location was included in the previous ESA of the Interchange Project. This facility was granted a case closed status (indicating the completion of remediation activities) from the Solano County Department of Resource Management in September 1998. Given the remediation on the site, it was concluded that the facility presented a low risk of impacting Alternative B and C of the Interchange Project based on the proposed construction area boundaries. Similarly, since remediation on the site (Campbell's Carpets) has been completed and the case has since been closed, contamination of soil and groundwater underlying the alternate valve lot site from this case is unlikely.

CONCLUSION

For the reasons described above, relocating the PG&E valve lot to the alternate site would not change the findings, recommendation or conclusions of the Initial Site Assessment Update.

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**ATTACHMENT A:
RELOCATION DESCRIPTION**

**ATTACHMENT A:
PACIFIC GAS & ELECTRIC (PG&E) VALVE LOT RELOCATION DESCRIPTION**

Project Location, Setting and Description:

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The project site for the valve lot is currently vacant, but was previously occupied by the Green Valley Middle School. The school has been relocated, the buildings demolished and the site has remained vacant since 2004. A portable classroom unit which is no longer used is located on the western portion of the project site, which would be removed as part of the project prior to construction.

The 7.69 acre site is bound by Ritchie Road to the west, commercial/industrial businesses to the north, and Grobric Court to the east. Cordelia Automotive, a mechanical automotive service business, and Classic Powder Coating, a metal refinishing business is immediately north of the project site. Inserv Company, a water treatment product and equipment business, is east of the project site. Vacant areas are immediately south of the project site. I-680 and I-80 are located 0.15 miles to the west and north of the project site, respectively. Green Valley Creek is 0.1 miles northeast of the project site. The Village of Cordelia Historic District is 0.2 miles south of the project site.

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Table 1: Project Pipeline Details

Pipeline	Diameter	Length
Pipelines Routing Gas to the Valve Lot		
L-210A	32 inches	100 feet
L-210B	16 inches	350 feet
Pipelines Routing Gas from the Valve Lot		
L-210A	24 inches	1,650 feet
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Source: GTS, 2011; Circlepoint, 2011.

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Figure 4 shows the areas of surface disturbances and subsurface disturbances related to project construction. All of these areas with the exception of the 7.69 acre site owned by the Fairfield Suisun Unified School District, occur within areas already identified for ground disturbance as part of the Alternative C, Phase 1 project.

The valve lot relocation would require the acquisition of 1.32 acres from the Fairfield Suisun Unified School District, and secure permanent and temporary easements needed for operation/maintenance and construction staging purposes. **Table 2** lists the Assessor Parcel Numbers (APN) and acreages associated with the acquisition and permanent easements. **Figure 5** shows the location of the fee acquisition and easements.

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Table 2: Project Acquisition and Permanent Easements

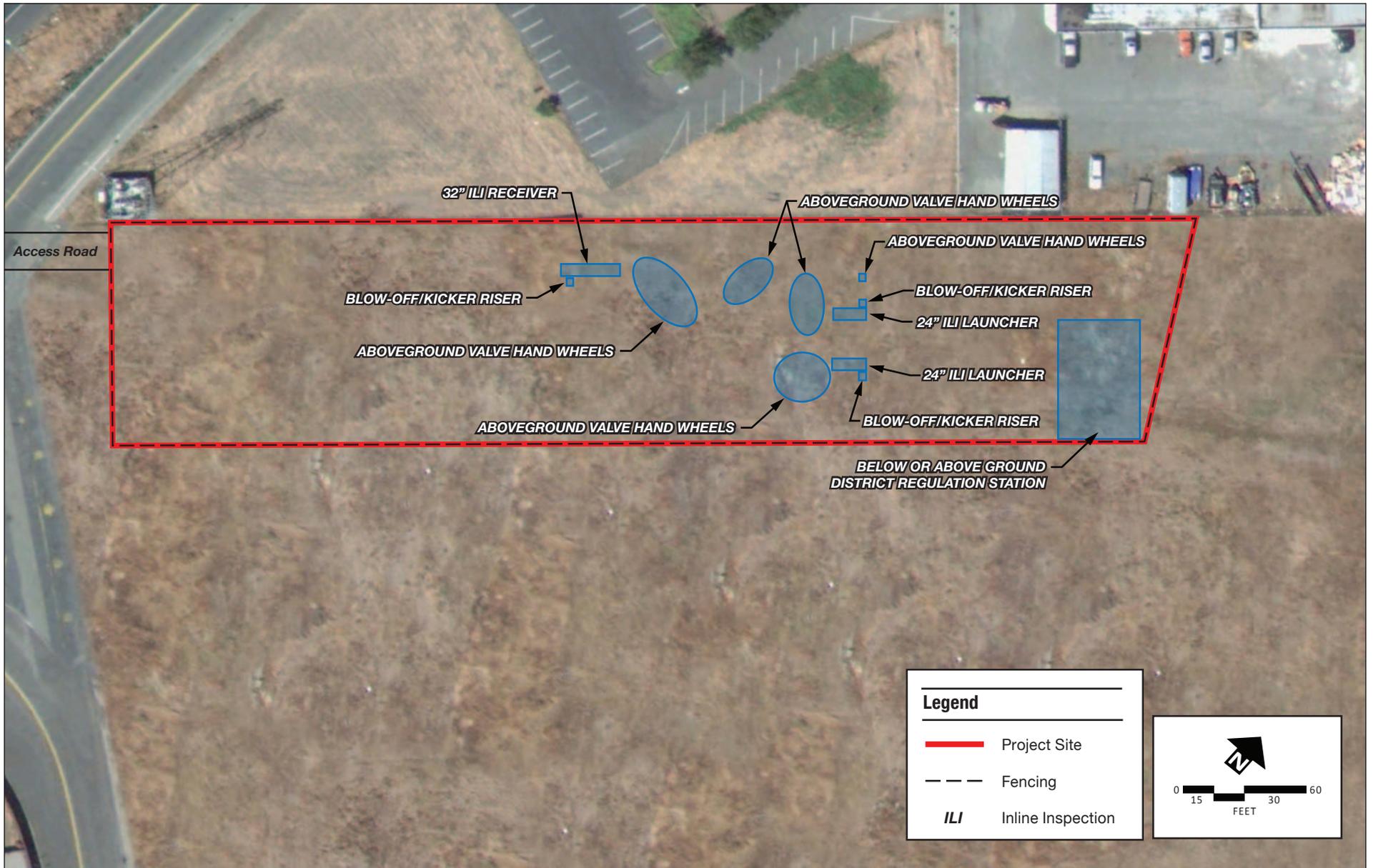
APN	Owner	Acreage
Fee Acquisition		
0045-3000-070	Fairfield Suisun Unified School District	1.32 acres
<i>Total Acreages under Fee Acquisition</i>		<i>1.32 acres</i>
Permanent Easements		
0045-300-040	James L. & Cheryl C. Campi	0.12 acres
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<i>Total Acreages under Permanent Easement</i>		<i>0.19 acres</i>

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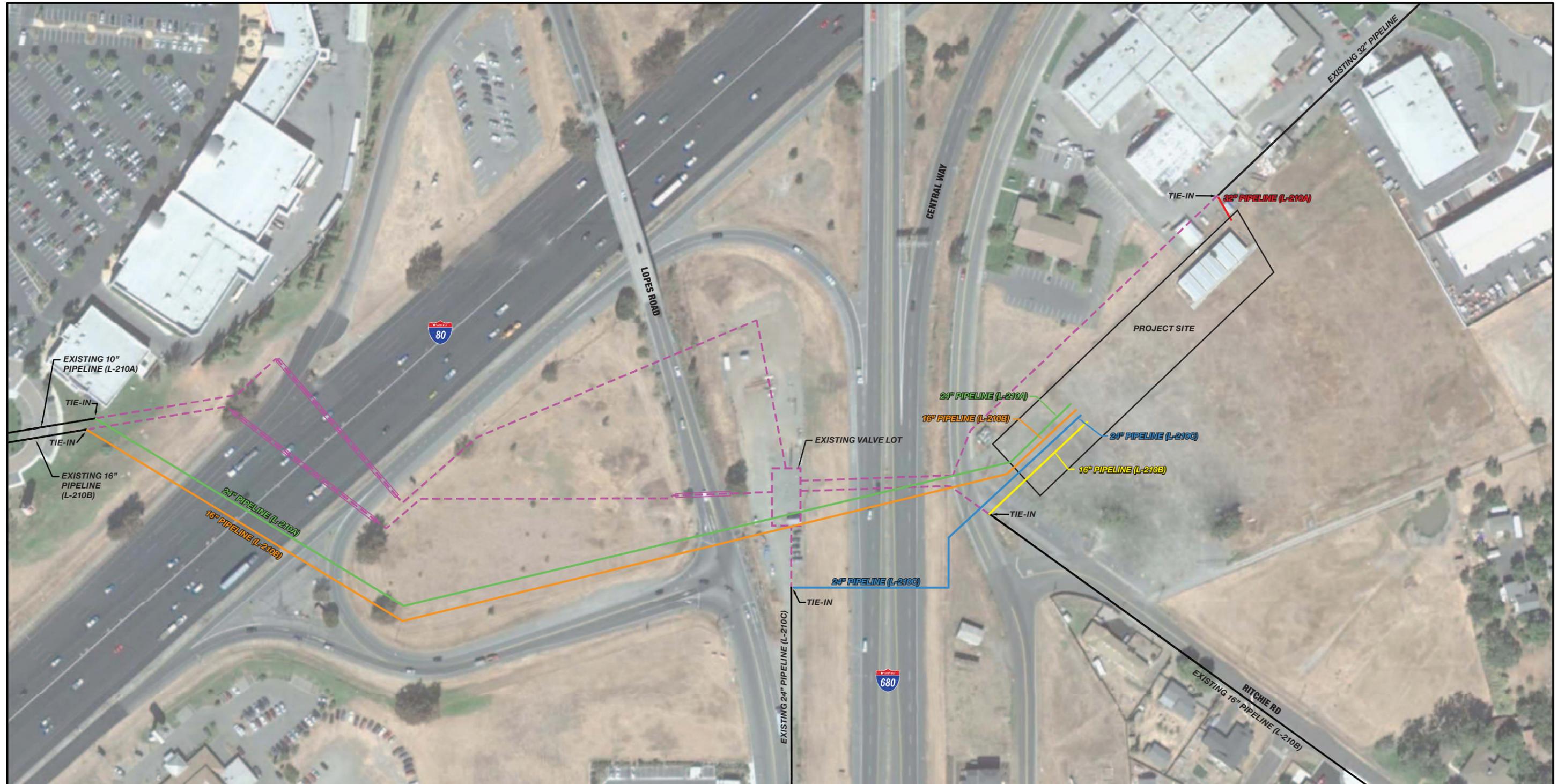
Project Location Map

Figure



Project Site Plan

Figure



Legend

- EXISTING PIPELINES**
- Existing Transmission System to Remain
 - - - Existing Pipelines and Valve Lot (To be deactivated)

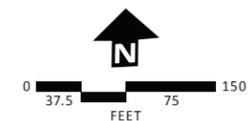
PROJECT PIPELINES

PIPELINES ROUTING GAS TO THE VALVE LOT

- L-210 A
- L-210 B

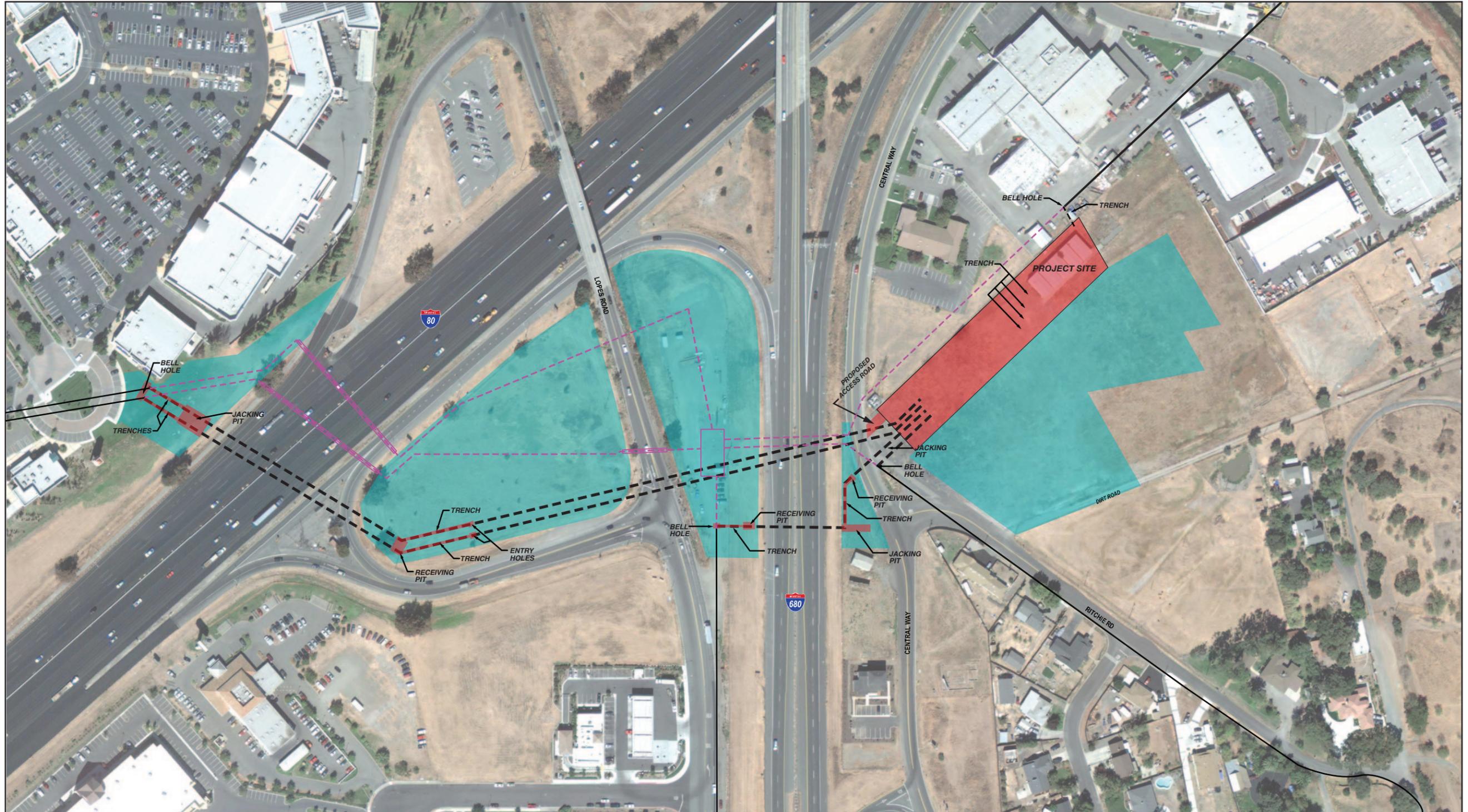
PIPELINES ROUTING GAS FROM THE VALVE LOT

- L-210 A
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- L-210 C



Off-Site Pipelines

Figure

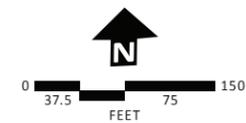


Legend

Areas of Disturbance

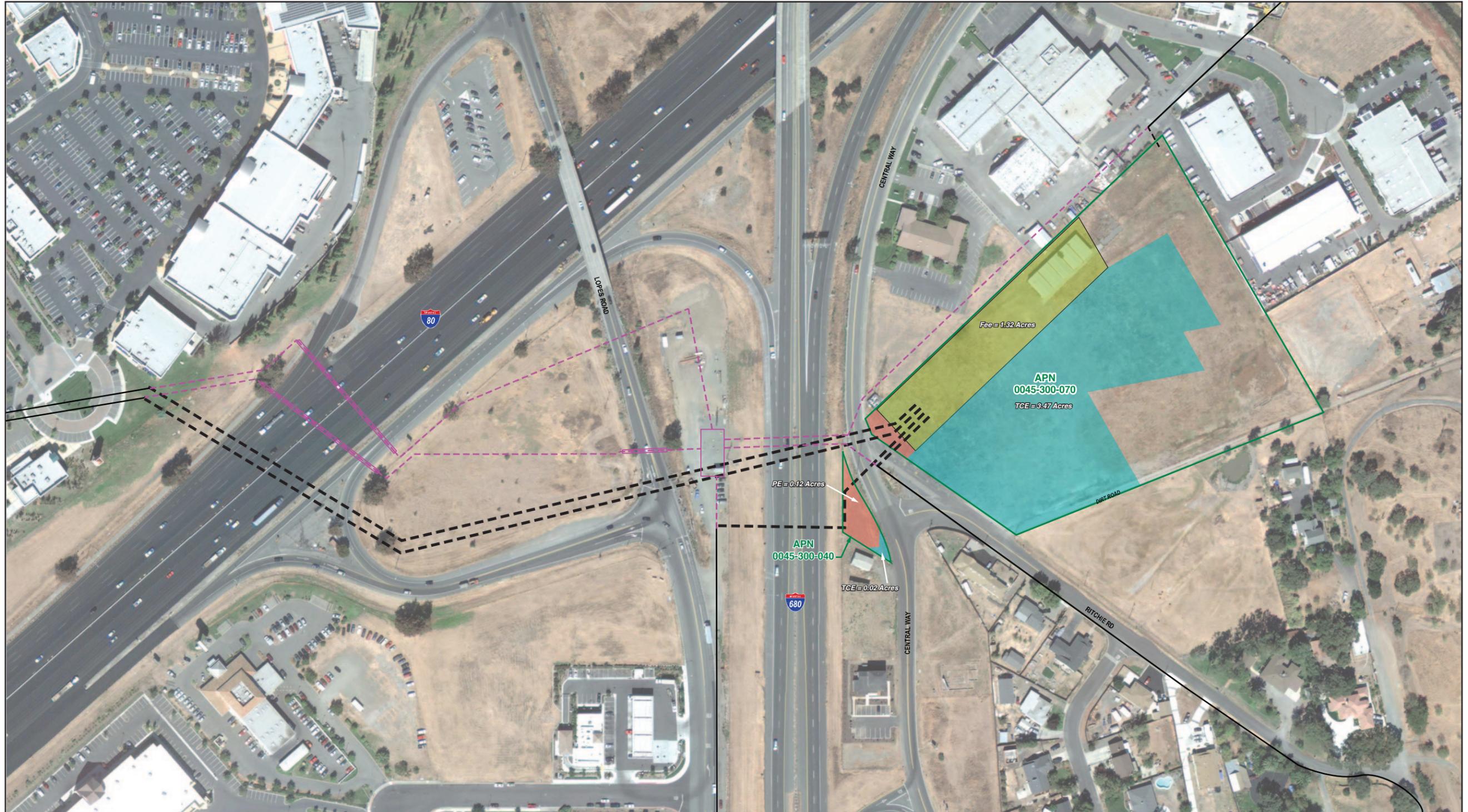
- Construction Impact Areas (Temporary Construction Easements)
- Soil Disturbance Area

- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)



* Areas of disturbance include permanent and temporary disturbances.

Area of Disturbance **Figure 4**



* Areas of disturbance include permanent and temporary disturbances.

Legend

- Permanent Easement (PE)
- Project Valve Lot Location (Fee Acquisition)
- Temporary Construction Easement (TCE)
- APN Parcel
- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)

Acquisition and Easement Locations

Figure

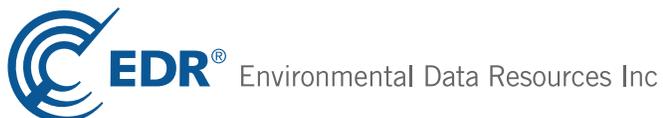
**ATTACHMENT B:
EDR RADIUS MAP REPORT**

PG&E Valve Lot

Central Way/Ritchie Road
Fairfield, CA 94534

Inquiry Number: 3118228.1s
July 07, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CENTRAL WAY/RITCHIE ROAD
FAIRFIELD, CA 94534

COORDINATES

Latitude (North): 38.215600 - 38° 12' 56.2"
Longitude (West): 122.135500 - 122° 8' 7.8"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 575680.6
UTM Y (Meters): 4229884.0
Elevation: 18 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38122-B2 CORDELIA, CA
Most Recent Revision: 1980

East Map: 38122-B1 FAIRFIELD SOUTH, CA
Most Recent Revision: 1980

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

SLIC..... Statewide SLIC Cases
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
WMUDS/SWAT..... Waste Management Unit Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database
HIST UST..... Hazardous Substance Storage Container Database
SWEEPS UST..... SWEEPS UST Listing

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System

EXECUTIVE SUMMARY

RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
WDS.....	Waste Discharge System
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.....	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 05/10/2011 has revealed that there is 1

EXECUTIVE SUMMARY

RESPONSE site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANGELS RANCH	287 SUISUN VALLEY RD	NNE 1/2 - 1 (0.992 mi.)	17	31

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/10/2011 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANGELS RANCH Status: Certified	287 SUISUN VALLEY RD	NNE 1/2 - 1 (0.992 mi.)	17	31

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 04/29/2011 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMBELL'S CARPETS(FORMER)	4731 CENTRAL WAY	NNW 0 - 1/8 (0.106 mi.)	A2	8
CAMPBELL'S CARPET Status: Completed - Case Closed	4731 CENTRAL WY	NNW 0 - 1/8 (0.106 mi.)	A4	9
LUKEHART PROPERTY Status: Completed - Case Closed	225 LOPES RD	SSW 1/4 - 1/2 (0.349 mi.)	B5	10
SIERRA TRUCK & VAN	225 LOPES ROAD	SSW 1/4 - 1/2 (0.349 mi.)	B6	12
JOHNSON-HERMAN SUPPLY	3675 GREEN VALLEY RD	WNW 1/4 - 1/2 (0.356 mi.)	C7	19
CHEAPER #56	3683 GREEN VALLEY RD	WNW 1/4 - 1/2 (0.369 mi.)	C8	20
CUSTOMER COMPANY THE Status: Completed - Case Closed	3683 GREEN VALLEY RD	WNW 1/4 - 1/2 (0.369 mi.)	C9	21
DBI BEVERAGE COMPANY - NAPA Status: Completed - Case Closed	237 LOPES RD	SSW 1/4 - 1/2 (0.412 mi.)	D12	23
SHELDON OIL CO Status: Completed - Case Closed	1900 CORDELIA RD	SSW 1/4 - 1/2 (0.417 mi.)	D13	26
ARCO Status: Completed - Case Closed	4510 CENTRAL WY	NE 1/4 - 1/2 (0.480 mi.)	E15	28

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO, ABANDONED	4510 CENTRAL WAY	NE 1/4 - 1/2 (0.480 mi.)	E16	29

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 04/29/2011 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMBELL'S CARPETS(FORMER)	4731 CENTRAL WAY	NNW 0 - 1/8 (0.106 mi.)	A3	8

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 02/24/2011 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RECYCLE IT INC	4850 W CORDELIA RD	SSW 1/4 - 1/2 (0.468 mi.)	14	28

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANGELS RANCH	287 SUISUN VALLEY RD	NNE 1/2 - 1 (0.992 mi.)	17	31

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/11/2011 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL	4733 CENTRAL WAY	NNW 0 - 1/8 (0.102 mi.)	A1	7

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

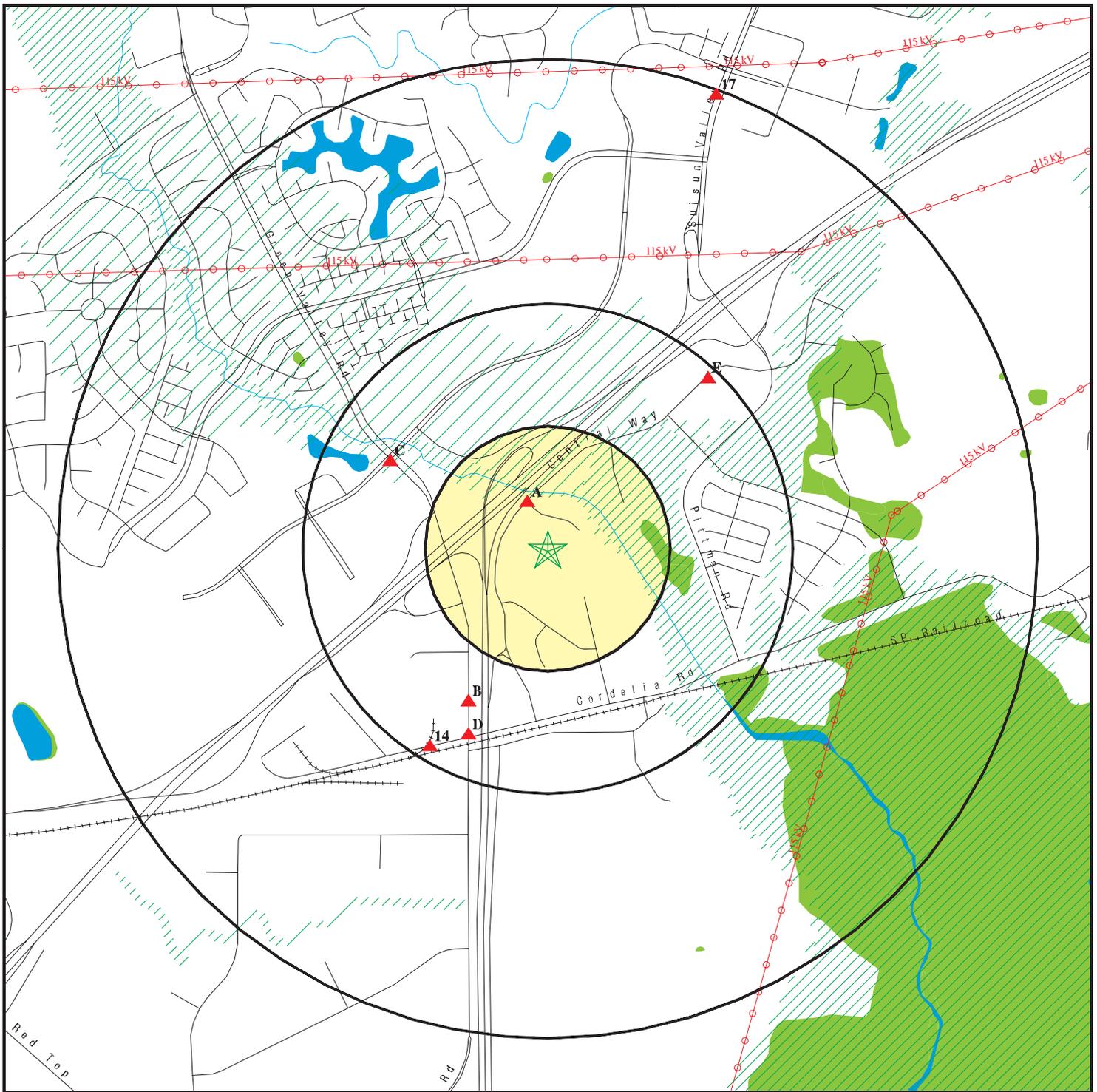
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CUSTOMER COMPANY THE	3683 GREEN VALLEY	WNW 1/4 - 1/2 (0.369 mi.)	C10	22
TRI EAGLE BEVERAGE	237 LOPES	SSW 1/4 - 1/2 (0.410 mi.)	D11	23

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

<u>Site Name</u>	<u>Database(s)</u>
ARCO	HIST CORTESE, LUST
INDEPENDENT STAVE COMPANY	HIST CORTESE, LUST
CAO-SOUTHBROOK DEVELOPMEN	HIST CORTESE
PEABODY ROAD DOT XING	SLIC, CHMIRS
ROBIN-AIDS	UST
MAINTENANCE BLDG., GASOLINE	UST
PG&E	AST
BP WEST COAST PRODUCTS LLC NO 6562	RCRA-SQG
CHEVRON 91342	RCRA-SQG
SONOMA 101 WIDENING FROM RTE 12 TO	RCRA-LQG
GREEN VALLEY & HENNESSEY CREEK	SLIC

OVERVIEW MAP - 3118228.1s



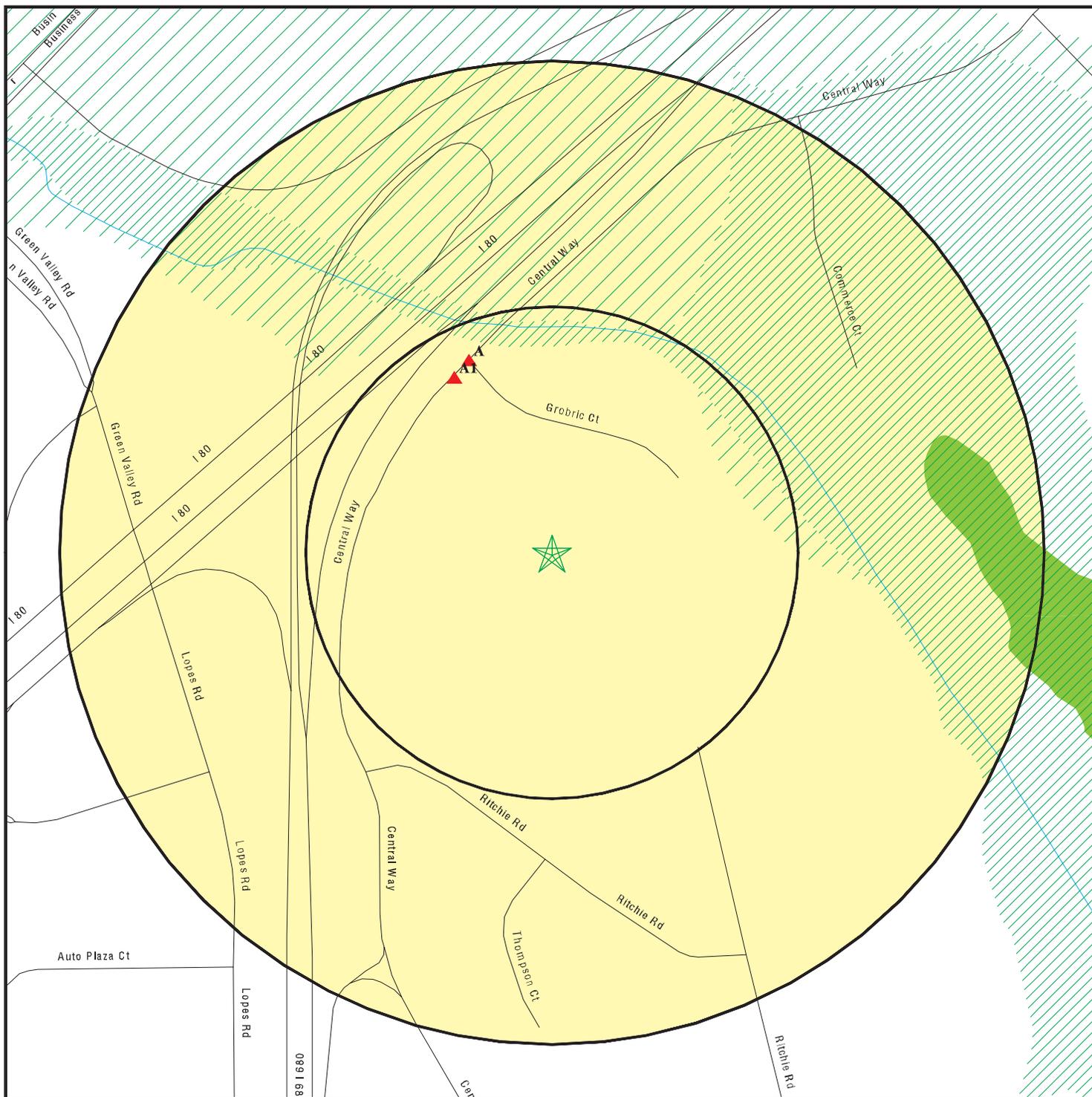
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ▲ Power transmission lines
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

SITE NAME: PG&E Valve Lot
 ADDRESS: Central Way/Ritchie Road
 Fairfield CA 94534
 LAT/LONG: 38.2156 / 122.1355

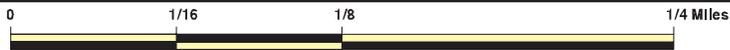
CLIENT: CirclePoint
 CONTACT: Jessie Shen
 B-1 INQUIRY #: 3118228.1s
 DATE: July 07, 2011 7:07 pm

DETAIL MAP - 3118228.1s



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

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern



SITE NAME: PG&E Valve Lot
 ADDRESS: Central Way/Ritchie Road
 Fairfield CA 94534
 LAT/LONG: 38.2156 / 122.1355

CLIENT: CirclePoint
 CONTACT: Jessie Shen
 B-1 INQUIRY #: 3118228.1s
 DATE: July 07, 2011 7:08 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE		1.000	0	0	0	1	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR		1.000	0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	2	0	9	NR	NR	11
SLIC		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	1	0	NR	NR	NR	1
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	0	0	2	NR	NR	2
Notify 65		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
HWT		0.250	0	0	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
NNW
< 1/8
0.102 mi.
538 ft.

PACIFIC BELL
4733 CENTRAL WAY
FAIRFIELD, CA 94534

Site 1 of 4 in cluster A

RCRA-NonGen 1000251537
FINDS CAT080024359

Relative:
Equal

RCRA-NonGen:

Date form received by agency: 09/11/1997

Facility name: PACIFIC BELL

Facility address: 4733 CENTRAL WAY
CORDELIA, CA 94585

EPA ID: CAT080024359

Mailing address: 3707 KINGS WAY SEC A-6
SACRAMENTO, CA 95821

Contact: ENVIRONMENTAL MANAGER

Contact address: 4733 CENTRAL WAY
CORDELIA, CA 94585

Contact country: US

Contact telephone: (916) 485-0997

Contact email: Not reported

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CAMPBELL AND PAULA J STRANGE

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996

Facility name: PACIFIC BELL

Classification: Small Quantity Generator

Date form received by agency: 01/22/1981

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACIFIC BELL (Continued)

1000251537

Facility name: PACIFIC BELL
 Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002951869

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**A2
 NNW
 < 1/8
 0.106 mi.
 562 ft.**

**CAMBELL'S CARPETS(FORMER)
 4731 CENTRAL WAY
 FAIRFIELD, CA 94533**

**LUST S106114284
 N/A**

Site 2 of 4 in cluster A

**Relative:
 Equal**

SOLANO CO. LUST:

Region: SOLANO
 Facility ID: 30160

**Actual:
 18 ft.**

Facility Status: Inactive
 Facility Phone: Not reported
 Program: 29S
 Inventory Number: 1
 Inventory Type: LOP - Closed Site (128)
 Inventory Description: Not reported
 Last service/permit exp: ISSUANCE OF A CLOSURE DOCUMENT
 Last service date: 09/14/98

**A3
 NNW
 < 1/8
 0.106 mi.
 562 ft.**

**CAMBELL'S CARPETS(FORMER)
 4731 CENTRAL WAY
 FAIRFIELD, CA 94533**

**UST U003975744
 N/A**

Site 3 of 4 in cluster A

**Relative:
 Equal**

SOLANO CO. UST:

Facility Id: 30160
 Facility Status: Inactive

**Actual:
 18 ft.**

Facility Phone: Not reported
 Program: 23U

Inventory Number: 1
 Inventory Type: Underground Storage Tank (1)
 Inventory Description: Not reported
 Permit Expire/Last service: Not reported
 Last Service Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

**A4
NNW
< 1/8
0.106 mi.
562 ft.**

**CAMPBELL'S CARPET
4731 CENTRAL WY
FAIRFIELD, CA 94533

Site 4 of 4 in cluster A**

**LUST S103396363
N/A**

**Relative:
Equal**

LUST:

Region:	STATE
Global Id:	T0609500299
Latitude:	38.216185
Longitude:	-122.136393
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	1998-09-14 00:00:00
Lead Agency:	SOLANO COUNTY LOP
Case Worker:	MCK
Local Agency:	SOLANO COUNTY LOP
RB Case Number:	48-0327
LOC Case Number:	30160
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

**Actual:
18 ft.**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0609500299
Contact Type:	Local Agency Caseworker
Contact Name:	MISTY C. KALTREIDER
Organization Name:	SOLANO COUNTY LOP
Address:	675 TEXAS STREET, SUITE 5500
City:	FAIRFIELD
Email:	mkaltreider@solanocounty.com
Phone Number:	7077843311

Global Id:	T0609500299
Contact Type:	Regional Board Caseworker
Contact Name:	MARY ROSE CASSA
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET
City:	OAKLAND
Email:	mcassa@waterboards.ca.gov
Phone Number:	5106222447

LUST:

Global Id:	T0609500299
Action Type:	Other
Date:	1950-01-01 00:00:00
Action:	Leak Discovery

Global Id:	T0609500299
Action Type:	Other
Date:	1950-01-01 00:00:00
Action:	Leak Stopped

Global Id:	T0609500299
Action Type:	Other
Date:	1950-01-01 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPBELL'S CARPET (Continued)

S103396363

Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 48-0327
Facility Status: Case Closed
Case Number: 30160
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/21/1998
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 7/21/1998
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

B5
SSW
1/4-1/2
0.349 mi.
1843 ft.

LUKEHART PROPERTY
225 LOPES RD
FAIRFIELD, CA 94533
Site 1 of 2 in cluster B

LUST **S105194885**
SWEEPS UST **N/A**

Relative:
Higher

LUST:

Region: STATE
Global Id: T0609591220
Latitude: 38.211798
Longitude: -122.138994
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2001-07-02 00:00:00
Lead Agency: SOLANO COUNTY LOP
Case Worker: MCK
Local Agency: SOLANO COUNTY LOP
RB Case Number: 48-0631
LOC Case Number: 30124
File Location: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Actual:
30 ft.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0609591220
Contact Type: Local Agency Caseworker
Contact Name: MISTY C. KALTREIDER
Organization Name: SOLANO COUNTY LOP
Address: 675 TEXAS STREET, SUITE 5500
City: FAIRFIELD
Email: mkaltreider@solanocounty.com
Phone Number: 7077843311

Global Id: T0609591220
Contact Type: Regional Board Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUKEHART PROPERTY (Continued)

S105194885

Contact Name: MARY ROSE CASSA
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: mcassa@waterboards.ca.gov
Phone Number: 5106222447

LUST:

Global Id: T0609591220
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 48-0631
Facility Status: Case Closed
Case Number: 30124
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 30124
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 48-000-030124-000001
Actv Date: Not reported
Capacity: 1000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 30124
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LUKEHART PROPERTY (Continued)

S105194885

Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 48-000-030124-000002
 Actv Date: Not reported
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: REG UNLEADED
 Number Of Tanks: Not reported

B6
SSW
1/4-1/2
0.349 mi.
1843 ft.

SIERRA TRUCK & VAN
225 LOPES ROAD
FAIRFIELD, CA 94533
Site 2 of 2 in cluster B

RCRA-SQG 1000254065
FINDS CAD982336240
LUST
UST
HAZNET
EMI

Relative:
Higher

RCRA-SQG:

Actual:
30 ft.

Date form received by agency: 11/18/1987
 Facility name: TRAIL WAGONS
 Facility address: 225 LOPES ROAD
 FAIRFIELD, CA 94533
 EPA ID: CAD982336240
 Mailing address: LOPES ROAD
 FAIRFIELD, CA 94533
 Contact: ENVIRONMENTAL MANAGER
 Contact address: 225 LOPES ROAD
 FAIRFIELD, CA 94533
 Contact country: US
 Contact telephone: (707) 521-5200
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: GARY LUKEHART
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported
 Owner/operator name: NOT REQUIRED
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA TRUCK & VAN (Continued)

1000254065

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110009543734

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SOLANO CO. LUST:

Region: SOLANO
Facility ID: 30124
Facility Status: Inactive
Facility Phone: 707-864-1064
Program: 29S
Inventory Number: 1
Inventory Type: LOP - Closed Site (128)
Inventory Description: Not reported
Last service/permit exp: Not reported
Last service date: Not reported

SOLANO CO. UST:

Facility Id: 30124
Facility Status: Inactive
Facility Phone: 707-864-1064
Program: 23U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA TRUCK & VAN (Continued)

1000254065

Inventory Number: 1
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: 03/31/92
Last Service Date: Not reported

Inventory Number: 2
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: 03/31/92
Last Service Date: Not reported

HAZNET:

Year: 2002
Gepaid: CAL000142520
Contact: TIM LUKEHART, OWNER
Telephone: 7078641064
Mailing Name: Not reported
Mailing Address: 225 LOPES RD
Mailing City,St,Zip: SUISUN CITY, CA 945851622
Gen County: Solano
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture
Disposal Method: H01
Tons: 0.22
Facility County: Not reported

Year: 1999
Gepaid: CAL000142520
Contact: TIM LUKEHART
Telephone: 7078641064
Mailing Name: Not reported
Mailing Address: 225 LOPES RD
Mailing City,St,Zip: SUISUN CITY, CA 945851622
Gen County: Solano
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01
Tons: 0.2293
Facility County: Solano

Year: 1996
Gepaid: CAL000142520
Contact: TIM LUKEHART
Telephone: 7078641064
Mailing Name: Not reported
Mailing Address: 225 LOPES RD
Mailing City,St,Zip: SUISUN CITY, CA 945851622
Gen County: Solano
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01
Tons: .2293

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA TRUCK & VAN (Continued)

1000254065

Facility County: Solano

Year: 1993
Gepaid: CAD982336240
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 225 LOPES ROAD
Mailing City,St,Zip: FAIRFIELD, CA 945330000
Gen County: Solano
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: R01
Tons: 1.0000
Facility County: Solano

Year: 1993
Gepaid: CAD982336240
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 225 LOPES ROAD
Mailing City,St,Zip: FAIRFIELD, CA 945330000
Gen County: Solano
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: .2502
Facility County: Solano

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

EMI:

Year: 1996
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
County Code: 48
Air Basin: SF
Facility ID: 5678

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA TRUCK & VAN (Continued)

1000254065

Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1998
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1999
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2000
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA TRUCK & VAN (Continued)

1000254065

Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2001
County Code:	48
Air Basin:	SF
Facility ID:	5678
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2002
County Code:	48
Air Basin:	SF
Facility ID:	5678
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2003
County Code:	48
Air Basin:	SF
Facility ID:	5678
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIERRA TRUCK & VAN (Continued)

1000254065

Year: 2004
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.184
Reactive Organic Gases Tons/Yr: 0.1697984
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2005
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .773
Reactive Organic Gases Tons/Yr: .7001056
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2006
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .773
Reactive Organic Gases Tons/Yr: .7001056
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2007
County Code: 48
Air Basin: SF
Facility ID: 5678
Air District Name: BA
SIC Code: 7532

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SIERRA TRUCK & VAN (Continued)

1000254065

Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .773
 Reactive Organic Gases Tons/Yr: .7001056
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2007
 County Code: 48
 Air Basin: SF
 Facility ID: 5678
 Air District Name: BA
 SIC Code: 7532

Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: .773
 Reactive Organic Gases Tons/Yr: .7001056
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

C7
WNW
1/4-1/2
0.356 mi.
1881 ft.

JOHNSON-HERMAN SUPPLY
3675 GREEN VALLEY RD
SUISUN CITY, CA 94585
Site 1 of 4 in cluster C

LUST **U001598654**
HIST UST **N/A**

Relative:
Equal

SOLANO CO. LUST:
 Region: SOLANO
 Facility ID: 80029
 Facility Status: Inactive
 Facility Phone: Not reported
 Program: 29S
 Inventory Number: 1
 Inventory Type: LOP - DTSC / RB Closed (132)
 Inventory Description: Not reported
 Last service/permit exp: Not reported
 Last service date: Not reported

Actual:
18 ft.

HIST UST:
 Region: STATE
 Facility ID: 00000046391
 Facility Type: Other
 Other Type: Not reported
 Total Tanks: 0001
 Contact Name: Not reported
 Telephone: 7078640600
 Owner Name: S.V. MANAGEMENT CO.
 Owner Address: 125-B GROBRIC CT.
 Owner City,St,Zip: SUISUN, CA 94585

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON-HERMAN SUPPLY (Continued)

U001598654

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

C8
WNW
1/4-1/2
0.369 mi.
1946 ft.

CHEAPER #56
3683 GREEN VALLEY RD
FAIRFIELD, CA 94534
Site 2 of 4 in cluster C

LUST **U003641603**
UST **N/A**

Relative:
Equal

SOLANO CO. LUST:
Region: SOLANO
Facility ID: 80026
Facility Status: Inactive
Facility Phone: Not reported
Program: 29S
Inventory Number: 1
Inventory Type: LOP - Closed Site (128)
Inventory Description: Not reported
Last service/permit exp: CONSULTATION - PHONE/COUNTER
Last service date: 12/30/02

SOLANO CO. UST:
Facility Id: 80026
Facility Status: Inactive
Facility Phone: Not reported
Program: 23U

Inventory Number: 1
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 2
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 3
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 4
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEAPER #56 (Continued)

U003641603

Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 5
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 6
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 7
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

**C9
WNW
1/4-1/2
0.369 mi.
1948 ft.**

**CUSTOMER COMPANY THE
3683 GREEN VALLEY RD
SUISUN, CA 94585**

**LUST S103177437
N/A**

Site 3 of 4 in cluster C

**Relative:
Equal**

LUST:

Region: STATE
Global Id: T0609500050
Latitude: 38.2186
Longitude: -122.1394
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1998-09-10 00:00:00
Lead Agency: SOLANO COUNTY LOP
Case Worker: MCK
Local Agency: SOLANO COUNTY LOP
RB Case Number: 48-0052
LOC Case Number: 80026
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0609500050
Contact Type: Local Agency Caseworker
Contact Name: MISTY C. KALTREIDER
Organization Name: SOLANO COUNTY LOP
Address: 675 TEXAS STREET, SUITE 5500
City: FAIRFIELD
Email: mkaltreider@solanocounty.com

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CUSTOMER COMPANY THE (Continued)

S103177437

Phone Number: 7077843311

Global Id: T0609500050
 Contact Type: Regional Board Caseworker
 Contact Name: MARY ROSE CASSA
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY STREET
 City: OAKLAND
 Email: mcassa@waterboards.ca.gov
 Phone Number: 5106222447

LUST:

Global Id: T0609500050
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Discovery

Global Id: T0609500050
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Stopped

Global Id: T0609500050
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Reported

LUST REG 2:

Region: 2
 Facility Id: 48-0052
 Facility Status: Case Closed
 Case Number: 80026
 How Discovered: Tank Closure
 Leak Cause: Structure Failure
 Leak Source: Tank
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 Prelim. Site Assessment Wokplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Post Remedial Action Monitoring Began: Not reported

C10
WNW
1/4-1/2
0.369 mi.
1948 ft.

CUSTOMER COMPANY THE
3683 GREEN VALLEY
SUISUN CITY, CA
Site 4 of 4 in cluster C

HIST CORTESE **S104493313**
N/A

Relative:
Equal

CORTESE:
 Region: CORTESE
 Facility County Code: 48
 Reg By: LTNKA
 Reg Id: 48-0052

Actual:
18 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D11 **TRI EAGLE BEVERAGE**
SSW **237 LOPES**
1/4-1/2 **SUISUN CITY, CA**
0.410 mi.
2166 ft. **Site 1 of 3 in cluster D**

HIST CORTESE **S105026808**
N/A

Relative: **CORTESE:**
Higher Region: **CORTESE**
 Facility County Code: **48**
Actual: Reg By: **LTNKA**
31 ft. Reg Id: **48-0329**

D12 **DBI BEVERAGE COMPANY - NAPA**
SSW **237 LOPES RD**
1/4-1/2 **FAIRFIELD, CA 94533**
0.412 mi.
2178 ft. **Site 2 of 3 in cluster D**

LUST **U003113055**
UST **N/A**
SWEEPS UST

Relative: **LUST:**
Higher Region: **STATE**
 Global Id: **T0609500301**
Actual: Latitude: **38.21125**
31 ft. Longitude: **-122.139194**
 Case Type: **LUST Cleanup Site**
 Status: **Completed - Case Closed**
 Status Date: **2001-07-02 00:00:00**
 Lead Agency: **SOLANO COUNTY LOP**
 Case Worker: **MCK**
 Local Agency: **SOLANO COUNTY LOP**
 RB Case Number: **48-0329**
 LOC Case Number: **30047**
 File Location: **Not reported**
 Potential Media Affect: **Other Groundwater (uses other than drinking water)**
 Potential Contaminants of Concern: **Gasoline**
 Site History: **Not reported**

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: **T0609500301**
Contact Type: **Local Agency Caseworker**
Contact Name: **MISTY C. KALTREIDER**
Organization Name: **SOLANO COUNTY LOP**
Address: **675 TEXAS STREET, SUITE 5500**
City: **FAIRFIELD**
Email: **mkaltreider@solanocounty.com**
Phone Number: **7077843311**

Global Id: **T0609500301**
Contact Type: **Regional Board Caseworker**
Contact Name: **MARY ROSE CASSA**
Organization Name: **SAN FRANCISCO BAY RWQCB (REGION 2)**
Address: **1515 CLAY STREET**
City: **OAKLAND**
Email: **mcassa@waterboards.ca.gov**
Phone Number: **5106222447**

LUST:
Global Id: **T0609500301**
Action Type: **Other**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DBI BEVERAGE COMPANY - NAPA (Continued)

U003113055

Date: 1950-01-01 00:00:00
Action: Leak Discovery

Global Id: T0609500301
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Stopped

Global Id: T0609500301
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 48-0329
Facility Status: Case Closed
Case Number: 30047
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/21/1998
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SOLANO CO. LUST:

Region: SOLANO
Facility ID: 30047
Facility Status: Inactive
Facility Phone: 707-864-9586
Program: 29S
Inventory Number: 1
Inventory Type: LOP - Closed Site (128)
Inventory Description: Not reported
Last service/permit exp: MTG W/RB RE: SPECIFIC SITUATION
Last service date: 03/14/01

SOLANO CO. UST:

Facility Id: 30047
Facility Status: Inactive
Facility Phone: 707-864-9586
Program: 23U

Inventory Number: 1
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DBI BEVERAGE COMPANY - NAPA (Continued)

U003113055

Inventory Number: 2
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 3
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

SWEEPS UST:

Status: A
Comp Number: 30047
Number: 1
Board Of Equalization: Not reported
Ref Date: 09-10-93
Act Date: 02-18-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 17664
Swrcb Tank Id: 48-000-030047-000001
Actv Date: 09-10-93
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 3

Status: A
Comp Number: 30047
Number: 1
Board Of Equalization: Not reported
Ref Date: 09-10-93
Act Date: 02-18-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 18600
Swrcb Tank Id: 48-000-030047-000002
Actv Date: 09-10-93
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 30047
Number: 1
Board Of Equalization: Not reported
Ref Date: 09-10-93
Act Date: 02-18-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 3

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DBI BEVERAGE COMPANY - NAPA (Continued)

U003113055

Swrcb Tank Id: 48-000-030047-000003
 Actv Date: 09-10-93
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: P
 Content: DIESEL
 Number Of Tanks: Not reported

D13
SSW
1/4-1/2
0.417 mi.
2203 ft.

SHELDON OIL CO
1900 CORDELIA RD
FAIRFIELD, CA 94533
Site 3 of 3 in cluster D

LUST **S103638261**
HAZNET **N/A**

Relative:
Higher

LUST:
 Region: STATE
 Global Id: T0609591218
 Latitude: 38.228536
 Longitude: -122.084133
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 2001-07-02 00:00:00
 Lead Agency: SOLANO COUNTY LOP
 Case Worker: MCK
 Local Agency: SOLANO COUNTY LOP
 RB Case Number: 48-0360
 LOC Case Number: 30930
 File Location: Not reported
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

Actual:
31 ft.

Click here to access the California GeoTracker records for this facility:

LUST:
 Global Id: T0609591218
 Contact Type: Local Agency Caseworker
 Contact Name: MISTY C. KALTREIDER
 Organization Name: SOLANO COUNTY LOP
 Address: 675 TEXAS STREET, SUITE 5500
 City: FAIRFIELD
 Email: mkaltreider@solanocounty.com
 Phone Number: 7077843311

Global Id: T0609591218
 Contact Type: Regional Board Caseworker
 Contact Name: MARY ROSE CASSA
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY STREET
 City: OAKLAND
 Email: mcassa@waterboards.ca.gov
 Phone Number: 5106222447

LUST:
 Global Id: T0609591218
 Action Type: Other
 Date: 1950-01-01 00:00:00
 Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELDON OIL CO (Continued)

S103638261

LUST REG 2:

Region: 2
Facility Id: 48-0360
Facility Status: Case Closed
Case Number: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HAZNET:

Year: 1998
Gepaid: CAC001407872
Contact: SHELDON OIL COMPANY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2850 CORDELIA RD #120
Mailing City,St,Zip: FAIRFIELD, CA 945850000
Gen County: Solano
TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Oil/water separation sludge
Disposal Method: H01
Tons: 10.4250
Facility County: Solano

Year: 1998
Gepaid: CAC001407872
Contact: SHELDON OIL COMPANY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2850 CORDELIA RD #120
Mailing City,St,Zip: FAIRFIELD, CA 945850000
Gen County: Solano
TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Unspecified oil-containing waste
Disposal Method: H01
Tons: 7.8187
Facility County: Solano

Year: 1997
Gepaid: CAC001252328
Contact: CORPORATION
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2850 CORDELIA RD
Mailing City,St,Zip: FAIRFIELD, CA 945850000
Gen County: Solano

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELDON OIL CO (Continued)

S103638261

TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Oil/water separation sludge
Disposal Method: H01
Tons: 3.3360
Facility County: Solano

**14
SSW
1/4-1/2
0.468 mi.
2470 ft.**

**RECYCLE IT INC
4850 W CORDELIA RD
FAIRFIELD, CA 94535**

**SWRCY S109118115
N/A**

**Relative:
Higher**

SWRCY:
Facility Phone Number: Not reported
Whether The Facility Is Grandfathered: N
Effective Date: 07/18/2008
Rural: N
As Of: 2011-02-22 00:00:00
Party Number: 19611

**Actual:
34 ft.**

**E15
NE
1/4-1/2
0.480 mi.
2536 ft.**

**ARCO
4510 CENTRAL WY
FAIRFIELD, CA 94533
Site 1 of 2 in cluster E**

**LUST S105194864
N/A**

**Relative:
Equal**

LUST:
Region: STATE
Global Id: T0609591217
Latitude: 38.216977
Longitude: -122.1363522
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2001-07-02 00:00:00
Lead Agency: SOLANO COUNTY LOP
Case Worker: MCK
Local Agency: SOLANO COUNTY LOP
RB Case Number: 48-0359
LOC Case Number: 30116
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

**Actual:
18 ft.**

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0609591217
Contact Type: Local Agency Caseworker
Contact Name: MISTY C. KALTREIDER
Organization Name: SOLANO COUNTY LOP
Address: 675 TEXAS STREET, SUITE 5500
City: FAIRFIELD
Email: mkaltreider@solanocounty.com
Phone Number: 7077843311

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO (Continued)

S105194864

Global Id: T0609591217
Contact Type: Regional Board Caseworker
Contact Name: MARY ROSE CASSA
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: mcassa@waterboards.ca.gov
Phone Number: 5106222447

LUST:

Global Id: T0609591217
Action Type: Other
Date: 1950-01-01 00:00:00
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 48-0359
Facility Status: Case Closed
Case Number: 30116
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

**E16
NE
1/4-1/2
0.480 mi.
2536 ft.**

**ARCO, ABANDONED
4510 CENTRAL WAY
FAIRFIELD, CA 94533
Site 2 of 2 in cluster E**

**LUST U003113039
UST N/A
SWEEPS UST**

**Relative:
Equal**

SOLANO CO. LUST:

Region: SOLANO
Facility ID: 30116
Facility Status: Inactive
Facility Phone: Not reported
Program: 29S
Inventory Number: 1
Inventory Type: LOP - Closed Site (128)
Inventory Description: Not reported
Last service/permit exp: Not reported
Last service date: Not reported

**Actual:
18 ft.**

SOLANO CO. UST:

Facility Id: 30116
Facility Status: Inactive
Facility Phone: Not reported
Program: 23U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO, ABANDONED (Continued)

U003113039

Inventory Number: 1
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 2
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 3
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 4
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

Inventory Number: 5
Inventory Type: Underground Storage Tank (1)
Inventory Description: Not reported
Permit Expire/Last service: Not reported
Last Service Date: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 30116
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

17
 NNE
 1/2-1
 0.992 mi.
 5236 ft.

MANGELS RANCH
287 SUISUN VALLEY RD
FAIRFIELD, CA 94534

HIST Cal-Sites S103934438
RESPONSE N/A
ENVIROSTOR

Relative:
Higher

HISTORICAL CAL-SITES:

Actual:
36 ft.

Facility ID: 48020001
 Region: 2
 Region Name: BERKELEY
 Branch: NC
 Branch Name: NORTH COAST
 File Name: MANGLES RANCH
 State Senate District: 11142003
 Status: CERT - CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC
 OVERSIGHT
 Status Name: CERTIFIED
 Lead Agency: DTSC
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 Facility Type: STATE
 Type Name: STATE FUNDED SITE
 NPL: Not Listed
 SIC Code: 02
 SIC Name: AGRICULTURAL PRODUCTION - LIVESTOCK
 Access: Controlled
 Cortese: Not reported
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Confirmed
 Staff Member Responsible for Site: JSOTO
 Supervisor Responsible for Site: Not reported
 Region Water Control Board: SF
 Region Water Control Board Name: SAN FRANCISCO BAY
 Lat/Long Direction: Not reported
 Lat/Long (dms): 0 0 0 / 0 0 0
 Lat/long Method: Not reported
 Lat/Long Description: Not reported
 State Assembly District Code: 08
 State Senate District Code: 05
 Facility ID: 48020001
 Activity: ORDER
 Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
 AWP Code: VCA
 Proposed Budget: 0
 AWP Completion Date: Not reported
 Revised Due Date: Not reported
 Comments Date: 09241998
 Est Person-Yrs to complete: 0
 Estimated Size: Not reported
 Request to Delete Activity: Not reported
 Activity Status: CERT
 Definition of Status: CERTIFIED
 Liquids Removed (Gals): 0
 Liquids Treated (Gals): 0
 Action Included Capping: Not reported
 Well Decommissioned: Not reported
 Action Included Fencing: Not reported
 Removal Action Certification: Not reported
 Activity Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	48020001
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11142003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	48020001
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04072000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	48020001
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06192002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	48020001
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11142003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	3500
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	48020001
Activity:	FDNC
Activity Name:	FINAL DETERMINATION OF NON-COMPLIANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03262002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MANGELS RANCH (Continued)

S103934438

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	48020001
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NOE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06192002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	287 SUISUN VALLEY ROAD
Alternate City,St,Zip:	FAIRFIELD, CA 94585
Alternate Address:	287 SUISUN VALLEY RD
Alternate City,St,Zip:	FAIRFIELD, CA 94534
Background Info:	The Site is a vacant ranch formerly occupied by a homestead where both vineyard and orchard crops were historically cultivated. Two former shop buildings, a chicken house and two former aboveground tank pedestals currently occupy the north central portion of the site. Various other small outbuildings and open fields occupy the remainder of the site. Three underground storage tanks were removed from the site in March 1987 under Solano County Environmental Health oversight, who issued a remedial action completion certification for the tank removal. In June 1998, soil samples were collected at the site. Based on analytical results, significant concentrations of toxaphene were reported in the former cattle handling area located near the center of the property.
Comments Date:	03262002
Comments:	FDNC - DTSC issued a Final Determination of Non-Compliance with
Comments Date:	03262002
Comments:	the order on March 26, 2002 for failure to submit documents
Comments Date:	03262002
Comments:	required under the I&SE Order.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

Comments Date: 04072000
Comments: ORDER - ISE - In April 2000, an Imminent and Substantial
Comments Date: 04072000
Comments: Endangerment Determination and Order and Remedial Action Order
Comments Date: 04072000
Comments: was issued to G & H Properties by DTSC.
Comments Date: 06192002
Comments: RAW - Final Removal Action Workplan (RAW) approved. The RAW
Comments Date: 06192002
Comments: requires that approximately 1,800 cubic yards of soil
Comments Date: 06192002
Comments: contaminated with toxaphene above the residential cleanup level
Comments Date: 06192002
Comments: of 360 micrograms per kilogram be excavated and disposed
Comments Date: 06192002
Comments: offsite. CEQA - NOE - A Notice of Exemption was also approved.
Comments Date: 09241998
Comments: ORDER - VCA - G & H entered into a Voluntary Cleanup Agreement
Comments Date: 09241998
Comments: (VCA) with the Department of Toxic Substances Control (DTSC).
Comments Date: 10182004
Comments: COST - SETTL - DTSC settled with the current property owner and
Comments Date: 10182004
Comments: the trustees of the estate which were the previous owners.
Comments Date: 11142003
Comments: RA - Removal Action approved. Approximately 3,500 cubic yards of
Comments Date: 11142003
Comments: toxaphene-contaminated soil were disposed of offsite. Also,
Comments Date: 11142003
Comments: approximately 30,000 gallons of contaminated storm water were
Comments Date: 11142003
Comments: disposed of off-site as part of the site remediation activities.
Comments Date: 11142003
Comments: CERT - The site was certified as cleaned to residential
Comments Date: 11142003
Comments: standards requiring no further remedial action.
Comments Date: 11231999
Comments: G & H failed to meet the terms of the VCA causing its
Comments Date: 11231999
Comments: termination by DTSC on November 23, 1999.
ID Name: CALSTARS CODE
ID Value: 201141
Alternate Name: MANGELS RANCHMANGLES RANCH
Special Programs Code: Not reported
Special Programs Name: Not reported

RESPONSE:

Facility ID: 48020001
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 5.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: JACINTO SOTO
Supervisor: Karen Toth

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

Division Branch: Cleanup Berkeley
Site Code: 201141
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 08
Senate: 05
Special Program Status: Not reported
Status: Certified
Status Date: 2003-11-14 00:00:00
Restricted Use: NO
Funding: Orphan Funds
Latitude: 38.2302777777778
Longitude: -122.1319444444444
APN: 27-370-230
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 30023
Confirmed COC: 30023
Potential Description: SOIL
Alias Name: MANGLES RANCH
Alias Type: Alternate Name
Alias Name: 27-370-230
Alias Type: APN
Alias Name: 110033608576
Alias Type: EPA (FRS #)
Alias Name: 201141
Alias Type: Project Code (Site Code)
Alias Name: 48020001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 2002-06-19 00:00:00
Comments: RAW - Final Removal Action Workplan (RAW) approved. The RAW requires that soil contaminated with toxaphene above the residential cleanup level of 360 micrograms per kilogram be excavated and disposed offsite.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 2002-05-15 00:00:00
Comments: Mangels Ranch Removal Action Workplan Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 2002-05-15 00:00:00
Comments: Notice of Public Comment Period, Draft Removal Action Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 2003-11-14 00:00:00
Comments: Approval of Removal Action Completion Report. RA - Removal Action approved. Approximately 3,500 cubic yards of contaminated soil were disposed of offsite.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 2002-06-19 00:00:00
Comments: NOE approved along with the Final Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 2002-03-26 00:00:00
Comments: FDNC - DTSC issued a Final Determination of Non-Compliance with the order on March 26, 2002 for failure to submit documents required under the I&SE Order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 2000-04-07 00:00:00
Comments: ORDER - ISE - In April 2000, an Imminent and Substantial Endangerment Determination and Order and Remedial Action Order was issued to G & H Properties by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 2003-11-14 00:00:00
Comments: CERTIFICATION - The site was certified as cleaned to residential standards requiring no further remedial action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 1998-09-24 00:00:00
Comments: VCA - G & H entered into a Voluntary Cleanup Agreement (VCA) with the Department of Toxic Substances Control (DTSC).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 2004-10-18 00:00:00
Comments: COST - SETTL - DTSC settled with the current property owner and the trustees of the estate which were the previous owners.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 5.4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: JACINTO SOTO
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Facility ID: 48020001
Site Code: 201141
Assembly: 08
Senate: 05
Special Program: Not reported
Status: Certified
Status Date: 2003-11-14 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 38.2302777777778
Longitude: -122.1319444444444
APN: 27-370-230
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 30023
Confirmed COC: 30023
Potential Description: SOIL
Alias Name: MANGLES RANCH
Alias Type: Alternate Name
Alias Name: 27-370-230
Alias Type: APN
Alias Name: 110033608576
Alias Type: EPA (FRS #)
Alias Name: 201141
Alias Type: Project Code (Site Code)
Alias Name: 48020001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 2002-06-19 00:00:00
Comments: RAW - Final Removal Action Workplan (RAW) approved. The RAW requires that soil contaminated with toxaphene above the residential cleanup level of 360 micrograms per kilogram be excavated and disposed offsite.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 2002-05-15 00:00:00
Comments: Mangels Ranch Removal Action Workplan Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 2002-05-15 00:00:00
Comments: Notice of Public Comment Period, Draft Removal Action Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

Completed Document Type: Remedial Action Completion Report
Completed Date: 2003-11-14 00:00:00
Comments: Approval of Removal Action Completion Report. RA - Removal Action approved. Approximately 3,500 cubic yards of contaminated soil were disposed of offsite.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 2002-06-19 00:00:00
Comments: NOE approved along with the Final Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 2002-03-26 00:00:00
Comments: FDNC - DTSC issued a Final Determination of Non-Compliance with the order on March 26, 2002 for failure to submit documents required under the I&SE Order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 2000-04-07 00:00:00
Comments: ORDER - ISE - In April 2000, an Imminent and Substantial Endangerment Determination and Order and Remedial Action Order was issued to G & H Properties by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 2003-11-14 00:00:00
Comments: CERTIFICATION - The site was certified as cleaned to residential standards requiring no further remedial action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 1998-09-24 00:00:00
Comments: VCA - G & H entered into a Voluntary Cleanup Agreement (VCA) with the Department of Toxic Substances Control (DTSC).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 2004-10-18 00:00:00
Comments: COST - SETTLE - DTSC settled with the current property owner and the trustees of the estate which were the previous owners.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANGELS RANCH (Continued)

S103934438

Schedule Revised Date: Not reported

Count: 11 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
AMERICAN CANYON	S105022493	ARCO	3462 NAPA-VALLEJO HWY	94503	HIST CORTESE, LUST
AMERICAN CANYON	S105022494	INDEPENDENT STAVE COMPANY	4391 NAPA-VALLEJO HWY	94503	HIST CORTESE, LUST
FAIRFIELD	S106235164	GREEN VALLEY & HENNESSEY CREEK	GREEN VALLEY RD @ NEITEEL RD		SLIC
FAIRFIELD	1009398331	BP WEST COAST PRODUCTS LLC NO 6562	105 LOPES RD	94534	RCRA-SQG
FAIRFIELD	S105023728	CAO-SOUTHBROOK DEVELOPMEN	W. OF HWY 680		HIST CORTESE
FAIRFIELD	A100337870	PG&E	PEABODY RD		AST
FAIRFIELD	S105676676		PEABODY ROAD DOT XING		SLIC, CHMIRS
SANTA ROSA	1009398329	SONOMA 101 WIDENING FROM RTE 12 TO	RT 101	94503	RCRA-LQG
SUISUN CITY	1008194453	CHEVRON 91342	4490 CENTRAL WAY	94534	RCRA-SQG
VALLEJO	U003114636	ROBIN-AIDS	3353 NAPA-VALLEJO HWY	94503	UST
VALLEJO	U003114637	MAINTENANCE BLDG., GASOLINE	3751 NAPA-VALLEJO HWY	94503	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/16/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/29/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/14/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/15/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/14/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 06/13/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 06/13/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/05/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/05/2011	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/10/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/11/2011	Telephone: 916-323-3400
Date Made Active in Reports: 06/15/2011	Last EDR Contact: 06/16/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/22/2011
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/16/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 05/23/2011
Date Data Arrived at EDR: 05/24/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 22

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/24/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 06/06/2011
Next Scheduled EDR Contact: 09/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 04/29/2011
Date Data Arrived at EDR: 04/29/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/21/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/29/2011
Date Data Arrived at EDR: 04/29/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/21/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 05/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 05/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/13/2011
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 05/09/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/2011
Date Data Arrived at EDR: 05/19/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 26

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 05/20/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/16/2011
Date Data Arrived at EDR: 05/17/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 28

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/03/2011
Date Data Arrived at EDR: 03/18/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 45

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/29/2011	Source: SWRCB
Date Data Arrived at EDR: 04/29/2011	Telephone: 916-480-1028
Date Made Active in Reports: 05/18/2011	Last EDR Contact: 06/21/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/03/2011
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 04/25/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/17/2011	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2011	Telephone: 206-553-2857
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/18/2011	Source: EPA Region 9
Date Data Arrived at EDR: 05/26/2011	Telephone: 415-972-3368
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/16/2011	Source: EPA Region 8
Date Data Arrived at EDR: 05/17/2011	Telephone: 303-312-6137
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 02/03/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/01/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/03/2011
Date Data Arrived at EDR: 03/18/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 45

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 05/04/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 41

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/16/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/25/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 70

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/29/2011
Date Data Arrived at EDR: 03/29/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 05/16/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/29/2011
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 02/24/2011	Source: Department of Conservation
Date Data Arrived at EDR: 03/23/2011	Telephone: 916-323-3836
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 06/21/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/03/2011
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/24/2011	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 05/24/2011	Telephone: 916-341-6422
Date Made Active in Reports: 06/15/2011	Last EDR Contact: 05/24/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/05/2011
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/09/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/22/2011
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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.

Date of Government Version: 02/02/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/17/2011	Telephone: 202-307-1000
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/07/2011
Number of Days to Update: 46	Next Scheduled EDR Contact: 09/19/2011
	Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/16/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 03/04/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 06/06/2011
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/19/2011
	Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA 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.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2011	Telephone: 202-564-6023
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 87	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/21/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/05/2011
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 04/05/2011	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/06/2011	Telephone: 916-323-3400
Date Made Active in Reports: 05/17/2011	Last EDR Contact: 06/27/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEED: Deed Restriction Listing

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

Date of Government Version: 03/18/2011
Date Data Arrived at EDR: 03/18/2011
Date Made Active in Reports: 04/20/2011
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/14/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 51

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 04/29/2011
Date Data Arrived at EDR: 04/29/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 18

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/21/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 04/29/2011
Date Data Arrived at EDR: 04/29/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/21/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2011	Telephone: (415) 495-8895
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 07/07/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/11/2011	Telephone: 202-366-4595
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/11/2011
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/22/2011
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/21/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/14/2011
Number of Days to Update: 112	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2010	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/05/2011	Telephone: Varies
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/01/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/16/2011	Telephone: 703-416-0223
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 06/15/2011
Number of Days to Update: 5	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 06/02/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 02/08/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/09/2011	Telephone: 303-231-5959
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/08/2011
Number of Days to Update: 54	Next Scheduled EDR Contact: 09/19/2011
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/27/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/30/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/27/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/27/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 06/27/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/22/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 06/13/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (415) 947-8000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 06/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/27/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/24/2011
Date Data Arrived at EDR: 05/24/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/24/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/04/2011
Number of Days to Update: 29

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 09/15/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 13

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/07/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 36

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/22/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/30/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 06/06/2011
Next Scheduled EDR Contact: 08/08/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 02/28/2011
Date Data Arrived at EDR: 03/23/2011
Date Made Active in Reports: 04/21/2011
Number of Days to Update: 29

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/21/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 03/04/2011
Date Data Arrived at EDR: 03/17/2011
Date Made Active in Reports: 04/20/2011
Number of Days to Update: 34

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/14/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/19/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/14/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/19/2011
Date Data Arrived at EDR: 04/19/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/19/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/2011
Date Data Arrived at EDR: 03/16/2011
Date Made Active in Reports: 04/26/2011
Number of Days to Update: 41

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/23/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 05/05/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/21/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/05/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/12/2011
Date Data Arrived at EDR: 04/15/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/12/2011
Date Data Arrived at EDR: 04/15/2011
Date Made Active in Reports: 05/18/2011
Number of Days to Update: 33

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Semi-Annually

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 03/29/2011
Date Data Arrived at EDR: 04/20/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 27

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/03/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2010
Date Data Arrived at EDR: 04/20/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 27

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 03/03/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 03/10/2011
Date Data Arrived at EDR: 03/11/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 13

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Semi-Annually

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/28/2011
Date Data Arrived at EDR: 05/13/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 33

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/15/2011
Date Data Arrived at EDR: 04/19/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 23

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/08/2011
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 21

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 06/30/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 21

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/06/2010
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/31/2011
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/31/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/31/2011
Date Data Arrived at EDR: 06/09/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 6

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/25/2011
Date Data Arrived at EDR: 04/28/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 19

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/25/2011
Next Scheduled EDR Contact: 08/08/2011
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 05/24/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 02/09/2011
Date Data Arrived at EDR: 02/09/2011
Date Made Active in Reports: 03/04/2011
Number of Days to Update: 23

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/25/2011
Next Scheduled EDR Contact: 08/08/2011
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/08/2011
Date Made Active in Reports: 03/03/2011
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/25/2011
Next Scheduled EDR Contact: 08/08/2011
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/18/2011
Date Data Arrived at EDR: 04/20/2011
Date Made Active in Reports: 05/18/2011
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2011
Date Data Arrived at EDR: 04/12/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 30

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/31/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/15/2011
Date Data Arrived at EDR: 04/26/2011
Date Made Active in Reports: 05/18/2011
Number of Days to Update: 22

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/11/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/06/2011
Date Data Arrived at EDR: 06/06/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 9

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/31/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/20/2011
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 21

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/07/2011
Next Scheduled EDR Contact: 06/20/2011
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/06/2011
Next Scheduled EDR Contact: 09/19/2011
Data Release Frequency: No Update Planned

ORANGE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/02/2011
Date Data Arrived at EDR: 05/20/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/05/2011
Date Data Arrived at EDR: 05/20/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/05/2011
Date Data Arrived at EDR: 05/17/2011
Date Made Active in Reports: 06/20/2011
Number of Days to Update: 34

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/17/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/04/2011
Number of Days to Update: 31

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/26/2011
Date Data Arrived at EDR: 04/28/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 19

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/26/2011
Date Data Arrived at EDR: 04/28/2011
Date Made Active in Reports: 05/18/2011
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/07/2011
Date Data Arrived at EDR: 04/28/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 19

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/11/2011
Next Scheduled EDR Contact: 07/25/2011
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/07/2011
Date Data Arrived at EDR: 04/29/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 18

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/11/2011
Next Scheduled EDR Contact: 07/25/2011
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 06/09/2011
Date Data Arrived at EDR: 06/09/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/17/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2010
Date Data Arrived at EDR: 11/16/2010
Date Made Active in Reports: 01/25/2011
Number of Days to Update: 70

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 06/14/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 05/16/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/16/2011
	Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011	Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011	Last EDR Contact: 05/31/2011
Number of Days to Update: 5	Next Scheduled EDR Contact: 08/29/2011
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/30/2011	Source: Environmental Health Department
Date Data Arrived at EDR: 03/31/2011	Telephone: N/A
Date Made Active in Reports: 04/22/2011	Last EDR Contact: 06/27/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/17/2010	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 03/03/2011	Telephone: 805-781-5596
Date Made Active in Reports: 03/24/2011	Last EDR Contact: 05/31/2011
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/19/2011
Date Data Arrived at EDR: 04/20/2011
Date Made Active in Reports: 05/17/2011
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/21/2011
Date Data Arrived at EDR: 03/22/2011
Date Made Active in Reports: 04/20/2011
Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 11/22/2010
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 21

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 06/29/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/19/2011
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 18

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/22/2010
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 21

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/31/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/30/2010
Date Data Arrived at EDR: 03/03/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 21

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/31/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/21/2011
Date Data Arrived at EDR: 03/25/2011
Date Made Active in Reports: 04/21/2011
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/21/2011
Date Data Arrived at EDR: 03/25/2011
Date Made Active in Reports: 04/22/2011
Number of Days to Update: 28

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/14/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 9

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 01/26/2011
Date Data Arrived at EDR: 02/25/2011
Date Made Active in Reports: 03/22/2011
Number of Days to Update: 25

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/24/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 04/01/2011
Date Data Arrived at EDR: 04/07/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 35

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/07/2011
Next Scheduled EDR Contact: 07/25/2011
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/24/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 04/26/2011
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/01/2011
Date Data Arrived at EDR: 03/23/2011
Date Made Active in Reports: 04/22/2011
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/21/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 04/26/2011	Source: Yolo County Department of Health
Date Data Arrived at EDR: 05/03/2011	Telephone: 530-666-8646
Date Made Active in Reports: 06/20/2011	Last EDR Contact: 06/27/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 12/31/2010	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/12/2011	Telephone: 530-749-7523
Date Made Active in Reports: 06/15/2011	Last EDR Contact: 04/04/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/22/2011
	Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2009	Telephone: 860-424-3375
Date Made Active in Reports: 09/11/2009	Last EDR Contact: 05/26/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/05/2011
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/22/2010	Telephone: N/A
Date Made Active in Reports: 08/26/2010	Last EDR Contact: 04/19/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/12/2011	Telephone: 518-402-8651
Date Made Active in Reports: 05/24/2011	Last EDR Contact: 05/12/2011
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/22/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/06/2011
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/31/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/20/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PG&E VALVE LOT
CENTRAL WAY/RITCHIE ROAD
FAIRFIELD, CA 94534

TARGET PROPERTY COORDINATES

Latitude (North):	38.21560 - 38° 12' 56.2"
Longitude (West):	122.1355 - 122° 8' 7.8"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	575680.6
UTM Y (Meters):	4229884.0
Elevation:	18 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38122-B2 CORDELIA, CA
Most Recent Revision:	1980

East Map:	38122-B1 FAIRFIELD SOUTH, CA
Most Recent Revision:	1980

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

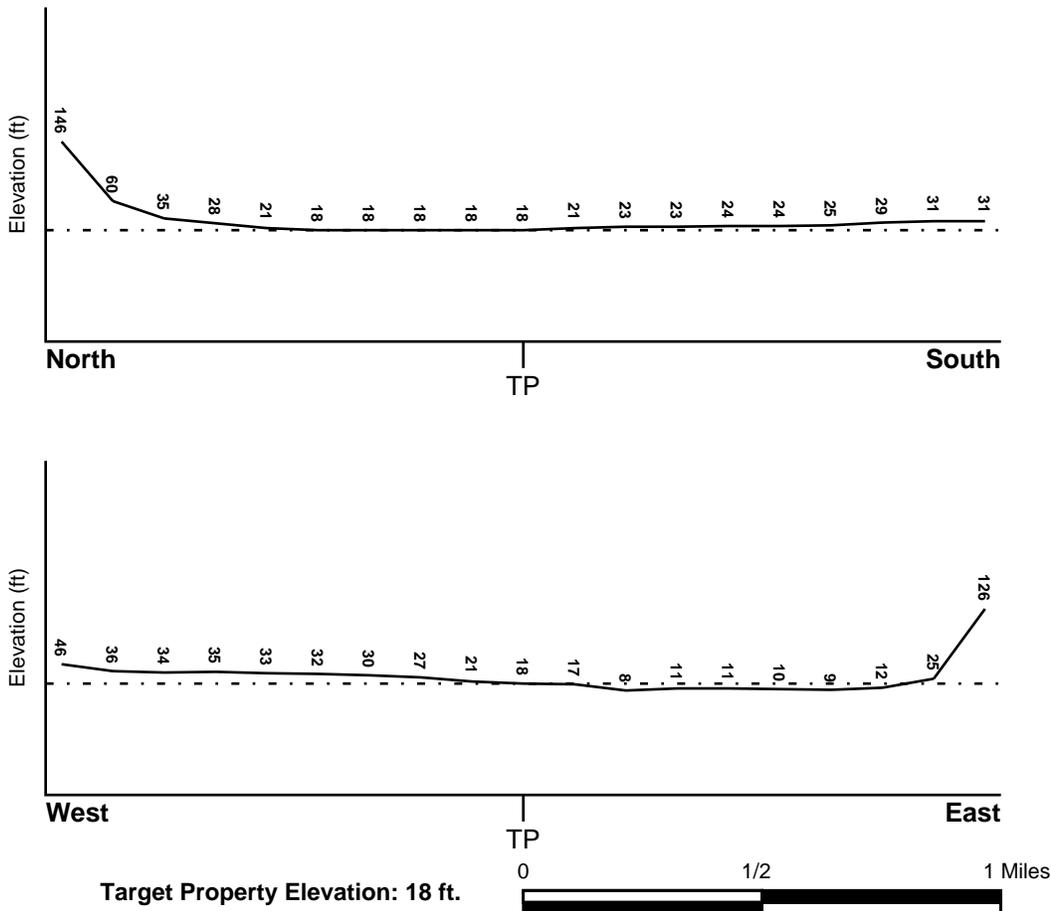
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> SOLANO, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
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Flood Plain Panel at Target Property: 06095C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> CORDELIA	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	--

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/8 - 1/4 Mile SW	S
2	1/4 - 1/2 Mile NNE	SSE
A4	1/4 - 1/2 Mile SW	E
5	1/4 - 1/2 Mile WNW	SE
6	1/2 - 1 Mile NW	SE
7	1/2 - 1 Mile NE	Varies
9	1/2 - 1 Mile NE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

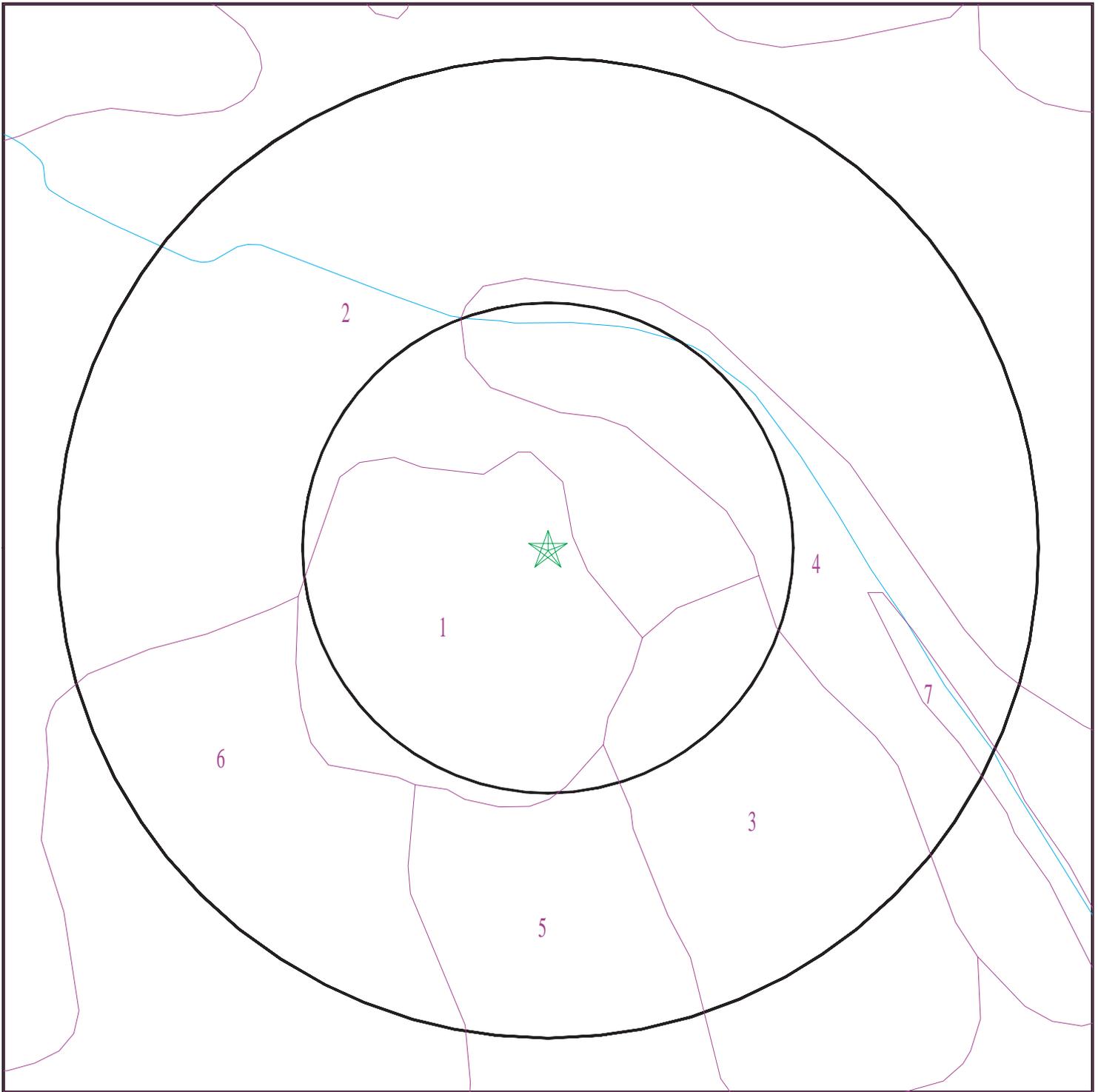
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 3118228.1s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: PG&E Valve Lot
ADDRESS: Central Way/Ritchie Road
Fairfield CA 94534
LAT/LONG: 38.2156 / 122.1355

CLIENT: CirclePoint
CONTACT: Jessie Shen
INQUIRY #: 3118228.1s
DATE: July 07, 2011 7:08 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Pescadero

Soil Surface Texture: clay

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 153 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
2	3 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
3	33 inches	68 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Clear Lake

Soil Surface Texture: clay

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

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 138 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	44 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	44 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Hambright

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	5 inches	18 inches	very cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	18 inches	22 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: Conejo

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 7.8 Min: 6.1
2	25 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 7.8 Min: 6.1

Soil Map ID: 5

Soil Component Name: Sycamore

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	35 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

Soil Map ID: 6

Soil Component Name: Clear Lake

Soil Surface Texture: clay

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

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 138 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	44 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	44 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.4

Soil Map ID: 7

Soil Component Name: Water

Soil Surface Texture: clay

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

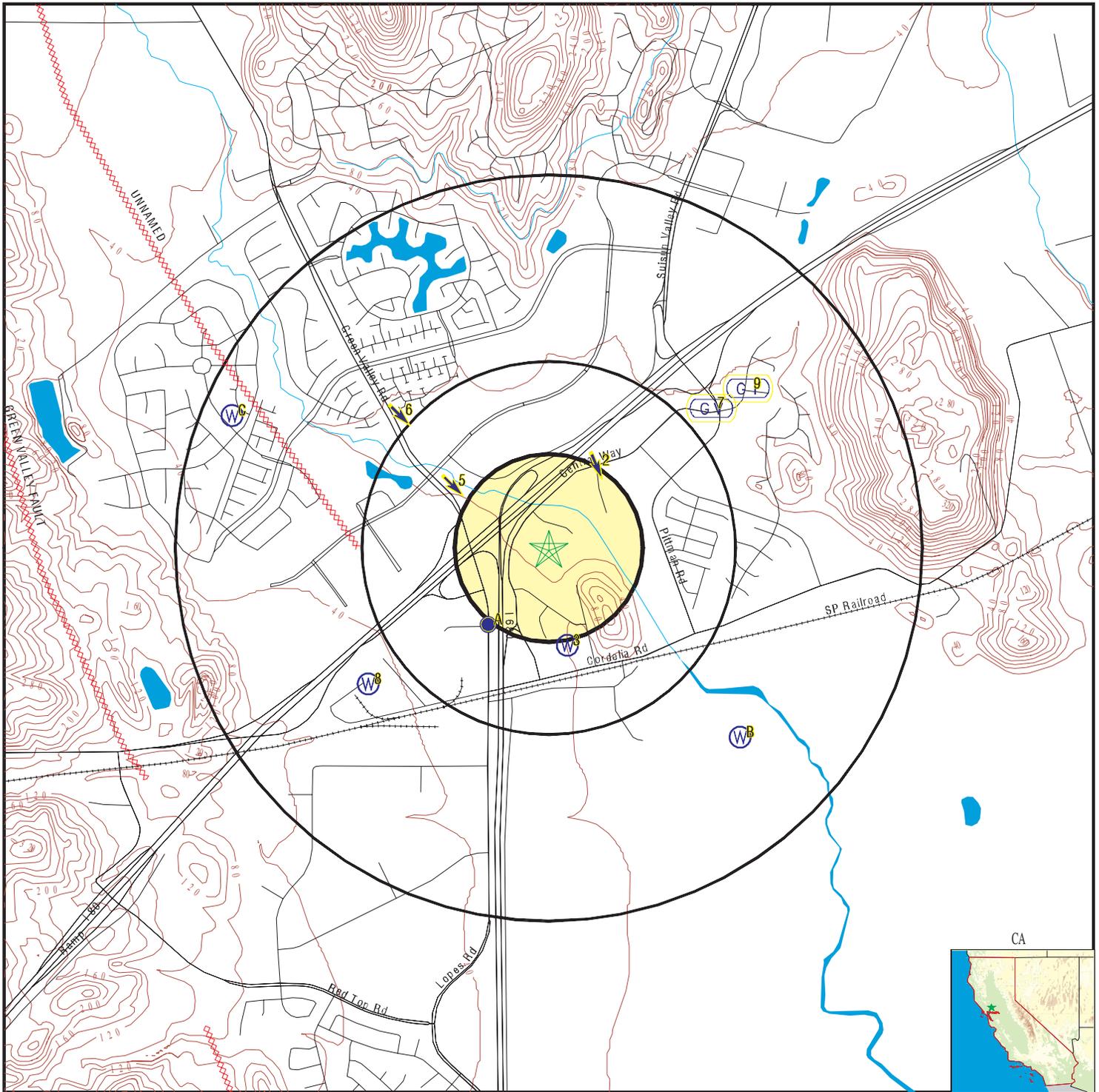
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

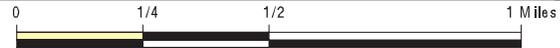
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	CADW40000039075	1/4 - 1/2 Mile South
8	CADW40000039071	1/2 - 1 Mile SW
B10	22433	1/2 - 1 Mile SE
B11	22432	1/2 - 1 Mile SE
B12	22251	1/2 - 1 Mile SE
B13	22457	1/2 - 1 Mile SE
B14	22438	1/2 - 1 Mile SE
B15	22437	1/2 - 1 Mile SE
C16	20380	1/2 - 1 Mile WNW
C17	22445	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 3118228.1s



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

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



SITE NAME: PG&E Valve Lot
 ADDRESS: Central Way/Ritchie Road
 Fairfield CA 94534
 LAT/LONG: 38.2156 / 122.1355

CLIENT: CirclePoint
 CONTACT: Jessie Shen
 B-10 INQUIRY #: 3118228.1s
 DATE: July 07, 2011 7:08 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1 SW 1/8 - 1/4 Mile Higher	Site ID: Not Reported Groundwater Flow: S Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 8 Date: 09/22/1995	AQUIFLOW	53145
2 NNE 1/4 - 1/2 Mile Higher	Site ID: Not Reported Groundwater Flow: SSE Shallow Water Depth: 11 Deep Water Depth: 20 Average Water Depth: Not Reported Date: 11/25/1997	AQUIFLOW	52234
3 South 1/4 - 1/2 Mile Higher	Longitude: -122.1335 Latitude: 38.2119 Stwellno: 04N02W07D001M Districtco: 7 Welluseco: H Countyco: 48 Gwcode: 200300 Site id: CADW40000039075	CA WELLS	CADW40000039075
A4 SW 1/4 - 1/2 Mile Higher	Site ID: Not Reported Groundwater Flow: E Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 10 Date: 05/21/1999	AQUIFLOW	52212
5 WNW 1/4 - 1/2 Mile Higher	Site ID: Not Reported Groundwater Flow: SE Shallow Water Depth: 7 Deep Water Depth: 13 Average Water Depth: Not Reported Date: 09/01/1998	AQUIFLOW	53112
6 NW 1/2 - 1 Mile Higher	Site ID: Not Reported Groundwater Flow: SE Shallow Water Depth: 7 Deep Water Depth: 13 Average Water Depth: Not Reported Date: 09/01/1998	AQUIFLOW	53113

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7 NE 1/2 - 1 Mile Higher	Site ID: Not Reported Groundwater Flow: Varies Shallow Water Depth: 2.88 Deep Water Depth: 8.91 Average Water Depth: Not Reported Date: 03/13/1996	AQUIFLOW	53110
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8 SW 1/2 - 1 Mile Higher		CA WELLS	CADW40000039071																
<table border="0" style="margin-left: 20px;"> <tr><td>Longitude:</td><td>-122.1433</td></tr> <tr><td>Latitude:</td><td>38.2104</td></tr> <tr><td>Stwellno:</td><td>04N03W12G001M</td></tr> <tr><td>Districtco:</td><td>7</td></tr> <tr><td>Welluseco:</td><td>H</td></tr> <tr><td>Countyco:</td><td>48</td></tr> <tr><td>Gwcode:</td><td>200300</td></tr> <tr><td>Site id:</td><td>CADW40000039071</td></tr> </table>				Longitude:	-122.1433	Latitude:	38.2104	Stwellno:	04N03W12G001M	Districtco:	7	Welluseco:	H	Countyco:	48	Gwcode:	200300	Site id:	CADW40000039071
Longitude:	-122.1433																		
Latitude:	38.2104																		
Stwellno:	04N03W12G001M																		
Districtco:	7																		
Welluseco:	H																		
Countyco:	48																		
Gwcode:	200300																		
Site id:	CADW40000039071																		

9 NE 1/2 - 1 Mile Higher	Site ID: Not Reported Groundwater Flow: Not Reported Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 4 Date: 04/28/1999	AQUIFLOW	52204
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B10 SE 1/2 - 1 Mile Lower		CA WELLS	22433
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Water System Information:

Prime Station Code: D48/001-NBRNBA	User ID: ENG	County: Solano	
FRDS Number: 4810001005	County: Solano	Station Type: CANAL/AMBNT	
District Number: 04	Well Status: Active Raw	Precision: 1,000 Feet (10 Seconds)	
Water Type: Surface Water	Source Name: NORTH BAY AQUEDUCT - RAW AT FAIRFIELD		
Source Lat/Long: 381230.0 1220730.0	System Number: 4810001		
System Name: CITY OF BENICIA	Organization That Operates System:		
250 EAST L STREET			
BENICIA 94510			
Pop Served: 25541	Connections: 7797		
Area Served: BENICIA			

B11 SE 1/2 - 1 Mile Lower		CA WELLS	22432
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	D48/001-NBARAWC	User ID:	ENG
FRDS Number:	4810001003	County:	Solano
District Number:	04	Station Type:	CANAL/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	381230.0 1220730.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH BAY AQUEDUCT-RAW @ CORDELIA		
System Number:	4810001		
System Name:	CITY OF BENICIA		
Organization That Operates System:	250 EAST L STREET BENICIA 94510		
Pop Served:	25541	Connections:	7797
Area Served:	BENICIA		
Sample Collected:	01/10/2006	Findings:	5.7 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	02/08/2006	Findings:	7.3 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	03/06/2006	Findings:	7.1 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/04/2006	Findings:	9.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	05/02/2006	Findings:	9.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	06/06/2006	Findings:	6.4 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/12/2006	Findings:	4. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	08/03/2006	Findings:	3.3 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	09/07/2006	Findings:	3.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/19/2006	Findings:	3.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	11/07/2006	Findings:	2.9 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	11/14/2006	Findings:	0.121 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	12/12/2006	Findings:	3. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/04/2007	Findings:	3.5 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	02/13/2007	Findings:	5. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/10/2007	Findings:	4.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/30/2007	Findings:	4.4 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	06/06/2007	Findings:	3.3 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/16/2007	Findings:	3.1 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	08/06/2007	Findings:	3.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	09/11/2007	Findings:	3.9 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/04/2007	Findings:	3.1 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/16/2007	Findings:	0.166 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	11/13/2007	Findings:	2.5 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	12/11/2007	Findings:	3.1 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/29/2008	Findings:	14. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	02/13/2008	Findings:	11. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/07/2008	Findings:	4.9 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	05/12/2008	Findings:	4.2 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	06/09/2008	Findings:	3.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/07/2008	Findings:	3.7 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	08/13/2008	Findings:	2.7 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	08/15/2008	Findings:	1.5 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	11/03/2008	Findings:	2.9 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	11/21/2008	Findings:	0.144 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	12/01/2008	Findings:	6. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	06/03/2009	Findings:	3.4 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	08/03/2009	Findings:	2.7 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/10/2009	Findings:	3. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/06/2009	Findings:	3. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	11/02/2009	Findings:	3.3 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		

B12
SE
 1/2 - 1 Mile
 Lower

CA WELLS 22251

Water System Information:

Prime Station Code:	C28/005-NBARAWC	User ID:	RXR
FRDS Number:	2810005001	County:	Napa
District Number:	03	Station Type:	STREAM/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	381230.0 1220730.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH BAY AQUEDUCT AT CORDELIA		
System Number:	2810005		
System Name:	American Canyon, City of		
Organization That Operates System:	2185 Elliot Street American Canyon, CA 94589-1297		
Pop Served:	9500	Connections:	2552
Area Served:	AMERICAN CANYON		

B13
SE
 1/2 - 1 Mile
 Lower

CA WELLS 22457

Water System Information:

Prime Station Code:	D48/007-NBARAWC	User ID:	ENG
FRDS Number:	4810007009	County:	Solano
District Number:	04	Station Type:	AQUEDUCT/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	381230.0 1220730.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH BAY AQUEDUCT - RAW AT CORDELIA		
System Number:	4810007		
System Name:	CITY OF VALLEJO		
Organization That Operates System:	555 SANTA CLARA ST. VALLEJO 94590		
Pop Served:	121600	Connections:	33026
Area Served:	VALLEJO & VICINITY		

B14
SE
 1/2 - 1 Mile
 Lower

CA WELLS 22438

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	D48/003-NBRNBA	User ID:	ENG
FRDS Number:	4810003004	County:	Solano
District Number:	04	Station Type:	CANAL/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	381230.0 1220730.0	Precision:	1 Mile (One Minute)
Source Name:	NBR WTP - NORTH BAY AQUEDUCT - RAW		
System Number:	4810003		
System Name:	CITY OF FAIRFIELD		
Organization That Operates System:	1000 WEBSTER ST FAIRFIELD, CA 94533		
Pop Served:	80000	Connections:	23480
Area Served:	FAIRFIELD		
Sample Collected:	10/10/2006	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/10/2006	Findings:	219. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/10/2006	Findings:	7.26
Chemical:	PH, LABORATORY		
Sample Collected:	10/10/2006	Findings:	86. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	10/10/2006	Findings:	105. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/10/2006	Findings:	3.19 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/10/2006	Findings:	93. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	10/10/2006	Findings:	18.4 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/10/2006	Findings:	11.3 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/10/2006	Findings:	21. MG/L
Chemical:	SODIUM		
Sample Collected:	10/10/2006	Findings:	1.85 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/10/2006	Findings:	14. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/10/2006	Findings:	0.122 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10/10/2006	Findings:	2720. UG/L
Chemical:	IRON		
Sample Collected:	10/10/2006	Findings:	71. UG/L
Chemical:	MANGANESE		
Sample Collected:	10/10/2006	Findings:	1.02 UG/L
Chemical:	MOLYBDENUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/10/2006	Findings:	22.4 UG/L
Chemical:	NICKEL		
Sample Collected:	10/10/2006	Findings:	139. UG/L
Chemical:	SILVER		
Sample Collected:	10/10/2006	Findings:	150. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/10/2006	Findings:	- 1.21
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/10/2006	Findings:	2.96 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/10/2006	Findings:	45.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/10/2006	Findings:	10.87
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/10/2006	Findings:	669. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/10/2006	Findings:	170. UG/L
Chemical:	BORON		
Sample Collected:	10/10/2006	Findings:	7.6 UG/L
Chemical:	VANADIUM		
Sample Collected:	10/10/2006	Findings:	1300. UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/06/2009	Findings:	17. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/06/2009	Findings:	421. UNITS
Chemical:	COLOR		
Sample Collected:	07/06/2009	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/06/2009	Findings:	215.6 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/06/2009	Findings:	7.77
Chemical:	PH, LABORATORY		
Sample Collected:	07/06/2009	Findings:	81. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/06/2009	Findings:	99. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/06/2009	Findings:	0.125 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	07/06/2009	Findings:	5.16 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/06/2009	Findings:	78. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/06/2009	Findings:	14. MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/06/2009	Findings:	10.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/06/2009	Findings:	19.8 MG/L
Chemical:	SODIUM		
Sample Collected:	07/06/2009	Findings:	2.32 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/06/2009	Findings:	14.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/06/2009	Findings:	3.86 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/06/2009	Findings:	15.8 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07/06/2009	Findings:	3100. UG/L
Chemical:	IRON		
Sample Collected:	07/06/2009	Findings:	66. UG/L
Chemical:	MANGANESE		
Sample Collected:	07/06/2009	Findings:	26.5 UG/L
Chemical:	NICKEL		
Sample Collected:	07/06/2009	Findings:	12.7 UG/L
Chemical:	SILVER		
Sample Collected:	07/06/2009	Findings:	147. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/06/2009	Findings:	- 0.74
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/06/2009	Findings:	4.15 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/06/2009	Findings:	45.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/06/2009	Findings:	11.22
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/06/2009	Findings:	936. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/12/2009	Findings:	1.16 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/12/2009	Findings:	0.866 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/12/2009	Findings:	124. PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	10/12/2009	Findings:	0.381 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	10/12/2009	Findings:	0.342 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	10/12/2009	Findings:	0.263 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/12/2009	Findings:	19. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/12/2009	Findings:	350. UNITS
Chemical:	COLOR		
Sample Collected:	10/12/2009	Findings:	3. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/12/2009	Findings:	225. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/12/2009	Findings:	7.79
Chemical:	PH, LABORATORY		
Sample Collected:	10/12/2009	Findings:	97. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	10/12/2009	Findings:	118. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/12/2009	Findings:	3.59 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/12/2009	Findings:	90. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	10/12/2009	Findings:	14.5 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/12/2009	Findings:	13. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/12/2009	Findings:	19.9 MG/L
Chemical:	SODIUM		
Sample Collected:	10/12/2009	Findings:	1.82 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/12/2009	Findings:	18.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/12/2009	Findings:	0.119 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10/12/2009	Findings:	2.62 UG/L
Chemical:	ARSENIC		
Sample Collected:	10/12/2009	Findings:	24.6 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10/12/2009	Findings:	2372. UG/L
Chemical:	IRON		
Sample Collected:	10/12/2009	Findings:	57. UG/L
Chemical:	MANGANESE		
Sample Collected:	10/12/2009	Findings:	14.7 UG/L
Chemical:	NICKEL		
Sample Collected:	10/12/2009	Findings:	10.6 UG/L
Chemical:	SILVER		
Sample Collected:	10/12/2009	Findings:	149. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/12/2009	Findings:	- 0.54
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/12/2009	Findings:	5.27 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/2009	Findings:	35.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/12/2009	Findings:	11.38
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/12/2009	Findings:	1190. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/11/2010	Findings:	8.5 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/11/2010	Findings:	186. UNITS
Chemical:	COLOR		
Sample Collected:	01/11/2010	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/11/2010	Findings:	310.2 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/11/2010	Findings:	7.24
Chemical:	PH, LABORATORY		
Sample Collected:	01/11/2010	Findings:	107. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01/11/2010	Findings:	130. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/11/2010	Findings:	0.1 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	01/11/2010	Findings:	4.49 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/11/2010	Findings:	107. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	10/10/2006	Findings:	3.2e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/09/2007	Findings:	9.2 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/09/2007	Findings:	168. UNITS
Chemical:	COLOR		
Sample Collected:	01/09/2007	Findings:	6. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/09/2007	Findings:	342. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/09/2007	Findings:	7.31
Chemical:	PH, LABORATORY		
Sample Collected:	01/09/2007	Findings:	115. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/2007	Findings:	140. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/09/2007	Findings:	8.e-002 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	01/09/2007	Findings:	4.8 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/09/2007	Findings:	106. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2007	Findings:	17.9 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/09/2007	Findings:	14.8 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/09/2007	Findings:	34.5 MG/L
Chemical:	SODIUM		
Sample Collected:	01/09/2007	Findings:	3.02 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/09/2007	Findings:	24.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/09/2007	Findings:	0.12 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01/09/2007	Findings:	1270. UG/L
Chemical:	IRON		
Sample Collected:	01/09/2007	Findings:	36. UG/L
Chemical:	MANGANESE		
Sample Collected:	01/09/2007	Findings:	54.7 UG/L
Chemical:	SILVER		
Sample Collected:	01/09/2007	Findings:	150. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/09/2007	Findings:	- 1.14
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/11/2010	Findings:	17.1 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/11/2010	Findings:	15.3 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/11/2010	Findings:	37.6 MG/L
Chemical:	SODIUM		
Sample Collected:	01/11/2010	Findings:	2.32 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/11/2010	Findings:	34.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/11/2010	Findings:	0.121 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01/11/2010	Findings:	1260. UG/L
Chemical:	IRON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/11/2010	Findings:	43. UG/L
Chemical:	MANGANESE		
Sample Collected:	01/11/2010	Findings:	180. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/11/2010	Findings:	- 1.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/11/2010	Findings:	7.53 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/11/2010	Findings:	16.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/11/2010	Findings:	10.87
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/11/2010	Findings:	1700. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/11/2010	Findings:	160. UG/L
Chemical:	BORON		
Sample Collected:	01/11/2010	Findings:	5.1 UG/L
Chemical:	VANADIUM		
Sample Collected:	01/11/2010	Findings:	680. UG/L
Chemical:	ALUMINUM		
Sample Collected:	01/09/2007	Findings:	5.71 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/09/2007	Findings:	16.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/09/2007	Findings:	11.06
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/09/2007	Findings:	1290. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/09/2007	Findings:	180. UG/L
Chemical:	BORON		
Sample Collected:	01/09/2007	Findings:	4.8 UG/L
Chemical:	VANADIUM		
Sample Collected:	01/09/2007	Findings:	570. UG/L
Chemical:	ALUMINUM		
Sample Collected:	01/11/2010	Findings:	5.2e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/05/2010	Findings:	19.7 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/05/2010	Findings:	278. UNITS
Chemical:	COLOR		
Sample Collected:	04/05/2010	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/05/2010	Findings:	507. US
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/05/2010	Findings:	7.67
Chemical:	PH, LABORATORY		
Sample Collected:	04/05/2010	Findings:	151. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	04/05/2010	Findings:	184. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/05/2010	Findings:	0.162 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	04/05/2010	Findings:	13.7 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/05/2010	Findings:	147. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/05/2010	Findings:	19.5 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/05/2010	Findings:	21.9 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/05/2010	Findings:	67.7 MG/L
Chemical:	SODIUM		
Sample Collected:	04/05/2010	Findings:	2.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/05/2010	Findings:	63. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/05/2010	Findings:	0.164 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/05/2010	Findings:	2.21 UG/L
Chemical:	ARSENIC		
Sample Collected:	04/05/2010	Findings:	18.4 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04/05/2010	Findings:	2290. UG/L
Chemical:	IRON		
Sample Collected:	04/05/2010	Findings:	89. UG/L
Chemical:	MANGANESE		
Sample Collected:	04/05/2010	Findings:	9.06 UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	04/05/2010	Findings:	17.4 UG/L
Chemical:	NICKEL		
Sample Collected:	04/05/2010	Findings:	342. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/05/2010	Findings:	- 0.23
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/09/2007	Findings:	4.7e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/09/2007	Findings:	2. PCI/L
Chemical:	RADON 222 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/09/2007	Findings:	15. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/09/2007	Findings:	183. UNITS
Chemical:	COLOR		
Sample Collected:	04/09/2007	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/09/2007	Findings:	439. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/09/2007	Findings:	7.95
Chemical:	PH, LABORATORY		
Sample Collected:	04/09/2007	Findings:	137. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	04/09/2007	Findings:	167. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/09/2007	Findings:	0.124 MG/L
Chemical:	AMMONIA (NH ₃ -N)		
Sample Collected:	04/09/2007	Findings:	4.58 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/09/2007	Findings:	132. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/09/2007	Findings:	22.5 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/09/2007	Findings:	18.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/09/2007	Findings:	41.7 MG/L
Chemical:	SODIUM		
Sample Collected:	04/09/2007	Findings:	2.39 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/09/2007	Findings:	31.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/09/2007	Findings:	0.18 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/09/2007	Findings:	2.41 UG/L
Chemical:	ARSENIC		
Sample Collected:	04/09/2007	Findings:	956. UG/L
Chemical:	IRON		
Sample Collected:	04/09/2007	Findings:	56. UG/L
Chemical:	MANGANESE		
Sample Collected:	04/09/2007	Findings:	80.6 UG/L
Chemical:	SILVER		
Sample Collected:	04/09/2007	Findings:	248. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/09/2007	Findings:	- 0.19
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/09/2007	Findings:	16.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/09/2007	Findings:	11.84
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/09/2007	Findings:	310. UG/L
Chemical:	BORON		
Sample Collected:	04/09/2007	Findings:	6. UG/L
Chemical:	VANADIUM		
Sample Collected:	04/09/2007	Findings:	480. UG/L
Chemical:	ALUMINUM		
Sample Collected:	04/05/2010	Findings:	27. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/05/2010	Findings:	11.72
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/05/2010	Findings:	290. UG/L
Chemical:	BORON		
Sample Collected:	04/05/2010	Findings:	9.3 UG/L
Chemical:	VANADIUM		
Sample Collected:	04/05/2010	Findings:	4100. UG/L
Chemical:	ALUMINUM		
Sample Collected:	04/05/2010	Findings:	8.7e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/13/2010	Findings:	19. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/13/2010	Findings:	366. UNITS
Chemical:	COLOR		
Sample Collected:	07/13/2010	Findings:	3. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/13/2010	Findings:	219. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/13/2010	Findings:	7.87
Chemical:	PH, LABORATORY		
Sample Collected:	07/13/2010	Findings:	75. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07/13/2010	Findings:	91.4 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/13/2010	Findings:	0.18 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	07/13/2010	Findings:	4.54 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/13/2010	Findings:	80. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/13/2010	Findings:	14.8 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/13/2010	Findings:	10.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/13/2010	Findings:	23.8 MG/L
Chemical:	SODIUM		
Sample Collected:	07/13/2010	Findings:	1.97 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/09/2007	Findings:	6.3e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/09/2007	Findings:	14. UG/L
Chemical:	VANADIUM		
Sample Collected:	07/09/2007	Findings:	1500. UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/13/2010	Findings:	16. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/13/2010	Findings:	3.03 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/13/2010	Findings:	2500. UG/L
Chemical:	IRON		
Sample Collected:	07/13/2010	Findings:	47. UG/L
Chemical:	MANGANESE		
Sample Collected:	07/13/2010	Findings:	2.2 UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	07/13/2010	Findings:	155. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/13/2010	Findings:	- 0.52
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/13/2010	Findings:	9.13 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/13/2010	Findings:	35. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/13/2010	Findings:	11.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/13/2010	Findings:	2060. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/13/2010	Findings:	140. UG/L
Chemical:	BORON		
Sample Collected:	07/13/2010	Findings:	9.9 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/13/2010	Findings:	1900. UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/13/2010	Findings:	3.1e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/09/2007	Findings:	2.7e-002 MG/L
Chemical:	BROMIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/09/2007	Findings:	20. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/09/2007	Findings:	480. UNITS
Chemical:	COLOR		
Sample Collected:	07/09/2007	Findings:	5. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/09/2007	Findings:	201. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/09/2007	Findings:	7.57
Chemical:	PH, LABORATORY		
Sample Collected:	07/09/2007	Findings:	71. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07/09/2007	Findings:	86.6 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/09/2007	Findings:	0.104 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	07/09/2007	Findings:	4.83 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/09/2007	Findings:	70. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/09/2007	Findings:	13.1 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/09/2007	Findings:	9.59 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/09/2007	Findings:	17.9 MG/L
Chemical:	SODIUM		
Sample Collected:	07/09/2007	Findings:	2.16 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/09/2007	Findings:	11.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/09/2007	Findings:	2.59 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/09/2007	Findings:	3630. UG/L
Chemical:	IRON		
Sample Collected:	07/09/2007	Findings:	64. UG/L
Chemical:	MANGANESE		
Sample Collected:	07/09/2007	Findings:	1.19 UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	07/09/2007	Findings:	33.8 UG/L
Chemical:	NICKEL		
Sample Collected:	07/09/2007	Findings:	32.4 UG/L
Chemical:	SILVER		
Sample Collected:	07/09/2007	Findings:	152. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/09/2007	Findings:	- 0.92
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/09/2007	Findings:	4.92 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/09/2007	Findings:	49. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/09/2007	Findings:	10.98
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/09/2007	Findings:	1110. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/08/2007	Findings:	14. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/08/2007	Findings:	256. UNITS
Chemical:	COLOR		
Sample Collected:	10/08/2007	Findings:	6. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/08/2007	Findings:	305. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/08/2007	Findings:	7.71
Chemical:	PH, LABORATORY		
Sample Collected:	10/08/2007	Findings:	103. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	10/08/2007	Findings:	126. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/08/2007	Findings:	0.244 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	10/08/2007	Findings:	5.15 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/08/2007	Findings:	98. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	10/08/2007	Findings:	16.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/08/2007	Findings:	13.8 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/08/2007	Findings:	36.5 MG/L
Chemical:	SODIUM		
Sample Collected:	10/08/2007	Findings:	2.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/08/2007	Findings:	25.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/08/2007	Findings:	0.146 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10/08/2007	Findings:	2.94 UG/L
Chemical:	ARSENIC		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/08/2007	Findings:	28.5 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10/08/2007	Findings:	1690. UG/L
Chemical:	IRON		
Sample Collected:	10/08/2007	Findings:	62. UG/L
Chemical:	MANGANESE		
Sample Collected:	10/08/2007	Findings:	17. UG/L
Chemical:	NICKEL		
Sample Collected:	10/08/2007	Findings:	43.7 UG/L
Chemical:	SILVER		
Sample Collected:	10/12/2010	Findings:	17. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/12/2010	Findings:	262. UNITS
Chemical:	COLOR		
Sample Collected:	10/12/2010	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/12/2010	Findings:	251. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/12/2010	Findings:	7.53
Chemical:	PH, LABORATORY		
Sample Collected:	10/12/2010	Findings:	95. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	10/12/2010	Findings:	116. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/12/2010	Findings:	0.125 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	10/12/2010	Findings:	4.13 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/12/2010	Findings:	92. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	10/12/2010	Findings:	14. MG/L
Chemical:	CALCIUM		
Sample Collected:	10/12/2010	Findings:	11.6 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/12/2010	Findings:	25.8 MG/L
Chemical:	SODIUM		
Sample Collected:	10/12/2010	Findings:	1.86 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/12/2010	Findings:	17. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/12/2010	Findings:	0.115 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10/12/2010	Findings:	2.57 UG/L
Chemical:	ARSENIC		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/12/2010	Findings:	2020. UG/L
Chemical:	IRON		
Sample Collected:	10/12/2010	Findings:	10.9 UG/L
Chemical:	LEAD		
Sample Collected:	10/12/2010	Findings:	62. UG/L
Chemical:	MANGANESE		
Sample Collected:	10/12/2010	Findings:	1.8 UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	10/12/2010	Findings:	22.3 UG/L
Chemical:	NICKEL		
Sample Collected:	10/12/2010	Findings:	163. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/12/2010	Findings:	- 0.43
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/12/2010	Findings:	4.53 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/2010	Findings:	23.1 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/12/2010	Findings:	11.53
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/12/2010	Findings:	1030. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/12/2010	Findings:	120. UG/L
Chemical:	BORON		
Sample Collected:	10/12/2010	Findings:	9.8 UG/L
Chemical:	VANADIUM		
Sample Collected:	10/12/2010	Findings:	1500. UG/L
Chemical:	ALUMINUM		
Sample Collected:	10/12/2010	Findings:	2.6e-002 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/08/2007	Findings:	182. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/08/2007	Findings:	- 0.55
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/08/2007	Findings:	6.47 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/08/2007	Findings:	27.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/08/2007	Findings:	11.49
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/08/2007	Findings:	1460. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/08/2007	Findings:	130. UG/L
Chemical:	BORON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/08/2007	Findings:	9.4 UG/L
Chemical:	VANADIUM		
Sample Collected:	10/08/2007	Findings:	700. UG/L
Chemical:	ALUMINUM		
Sample Collected:	10/12/2010	Findings:	3.6e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/11/2011	Findings:	8. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/11/2011	Findings:	389. UNITS
Chemical:	COLOR		
Sample Collected:	01/11/2011	Findings:	5. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/11/2011	Findings:	224. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/11/2011	Findings:	7.22
Chemical:	PH, LABORATORY		
Sample Collected:	01/11/2011	Findings:	95. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	01/11/2011	Findings:	116. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/08/2007	Findings:	4.4e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/09/2008	Findings:	7. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/09/2008	Findings:	990. UNITS
Chemical:	COLOR		
Sample Collected:	01/09/2008	Findings:	3. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/09/2008	Findings:	230. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/09/2008	Findings:	7.18
Chemical:	PH, LABORATORY		
Sample Collected:	01/09/2008	Findings:	63. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2008	Findings:	76.8 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/09/2008	Findings:	0.195 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	01/09/2008	Findings:	9.84 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/09/2008	Findings:	67. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2008	Findings:	9.36 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/2008	Findings:	10.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/09/2008	Findings:	25.2 MG/L
Chemical:	SODIUM		
Sample Collected:	01/09/2008	Findings:	3.19 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/09/2008	Findings:	20.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/09/2008	Findings:	0.113 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01/09/2008	Findings:	8.21 UG/L
Chemical:	ARSENIC		
Sample Collected:	01/09/2008	Findings:	12.8 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	01/09/2008	Findings:	6360. UG/L
Chemical:	IRON		
Sample Collected:	01/09/2008	Findings:	87.6 UG/L
Chemical:	MANGANESE		
Sample Collected:	01/09/2008	Findings:	154. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/09/2008	Findings:	- 1.66
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/09/2008	Findings:	3.74 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/09/2008	Findings:	107. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/09/2008	Findings:	10.53
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/09/2008	Findings:	845. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/11/2011	Findings:	0.16 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	01/11/2011	Findings:	15.1 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/11/2011	Findings:	82. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	01/11/2011	Findings:	16. MG/L
Chemical:	CALCIUM		
Sample Collected:	01/11/2011	Findings:	10.1 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/11/2011	Findings:	24.1 MG/L
Chemical:	SODIUM		
Sample Collected:	01/11/2011	Findings:	3.19 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/11/2011	Findings:	18.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/11/2011	Findings:	0.121 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01/11/2011	Findings:	2.52 UG/L
Chemical:	ARSENIC		
Sample Collected:	01/11/2011	Findings:	3300. UG/L
Chemical:	IRON		
Sample Collected:	01/11/2011	Findings:	55. UG/L
Chemical:	MANGANESE		
Sample Collected:	01/11/2011	Findings:	149. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/11/2011	Findings:	- 1.37
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/11/2011	Findings:	5.76 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/11/2011	Findings:	29.9 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/11/2011	Findings:	10.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/11/2011	Findings:	1300. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/11/2011	Findings:	1.2 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/2011	Findings:	0.977 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/2011	Findings:	220. PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	01/11/2011	Findings:	0.611 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	01/11/2011	Findings:	0.49 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	01/11/2011	Findings:	1.69 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	01/11/2011	Findings:	0.294 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	01/11/2011	Findings:	1.24 PCI/L
Chemical:	GROSS BETA MDA95		
Sample Collected:	01/11/2011	Findings:	1.06 PCI/L
Chemical:	STRONTIUM - 90 MDA95		
Sample Collected:	01/11/2011	Findings:	386. PCI/L
Chemical:	TRITIUM MDA95		
Sample Collected:	01/11/2011	Findings:	0.119 PCI/L
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/11/2011	Findings:	0.368 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	01/11/2011	Findings:	0.549 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	01/09/2008	Findings:	3.5 UG/L
Chemical:	DIURON		
Sample Collected:	04/07/2008	Findings:	390. UG/L
Chemical:	BORON		
Sample Collected:	04/07/2008	Findings:	7.9 UG/L
Chemical:	VANADIUM		
Sample Collected:	04/07/2008	Findings:	670. UG/L
Chemical:	ALUMINIUM		
Sample Collected:	04/07/2008	Findings:	9.9e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/07/2008	Findings:	10. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/07/2008	Findings:	215. UNITS
Chemical:	COLOR		
Sample Collected:	04/07/2008	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/07/2008	Findings:	570.5 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/07/2008	Findings:	7.97
Chemical:	PH, LABORATORY		
Sample Collected:	04/07/2008	Findings:	157. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/07/2008	Findings:	191. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/07/2008	Findings:	0.17 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	04/07/2008	Findings:	6.48 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/07/2008	Findings:	172. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	04/07/2008	Findings:	30.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/07/2008	Findings:	21.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/07/2008	Findings:	67. MG/L
Chemical:	SODIUM		
Sample Collected:	04/07/2008	Findings:	3.57 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/07/2008	Findings:	51.5 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/07/2008	Findings:	0.208 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/07/2008	Findings:	2.7 UG/L
Chemical:	ARSENIC		
Sample Collected:	04/07/2008	Findings:	34. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04/07/2008	Findings:	1450. UG/L
Chemical:	IRON		
Sample Collected:	04/07/2008	Findings:	46. UG/L
Chemical:	MANGANESE		
Sample Collected:	04/07/2008	Findings:	1.85 UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	04/07/2008	Findings:	29.4 UG/L
Chemical:	NICKEL		
Sample Collected:	04/07/2008	Findings:	11.8 UG/L
Chemical:	SILVER		
Sample Collected:	04/07/2008	Findings:	339. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/07/2008	Findings:	- 0.16
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/07/2008	Findings:	6.29 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/07/2008	Findings:	21.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/07/2008	Findings:	12.02
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/07/2008	Findings:	1420. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/08/2008	Findings:	24. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/08/2008	Findings:	502. UNITS
Chemical:	COLOR		
Sample Collected:	07/08/2008	Findings:	3. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/08/2008	Findings:	235. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/08/2008	Findings:	7.34
Chemical:	PH, LABORATORY		
Sample Collected:	07/08/2008	Findings:	81. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/08/2008	Findings:	98.8 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/08/2008	Findings:	0.152 MG/L
Chemical:	PHOSPHATE, ORTHO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/08/2008	Findings:	4.87 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/08/2008	Findings:	80. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/08/2008	Findings:	16. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/08/2008	Findings:	9.6 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/08/2008	Findings:	18.7 MG/L
Chemical:	SODIUM		
Sample Collected:	07/08/2008	Findings:	2.62 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/08/2008	Findings:	14.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/08/2008	Findings:	0.109 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	07/08/2008	Findings:	3.56 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/08/2008	Findings:	14.5 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07/08/2008	Findings:	3630. UG/L
Chemical:	IRON		
Sample Collected:	07/08/2008	Findings:	70. UG/L
Chemical:	MANGANESE		
Sample Collected:	07/08/2008	Findings:	1.15 UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	07/08/2008	Findings:	44.7 UG/L
Chemical:	NICKEL		
Sample Collected:	07/08/2008	Findings:	11.8 UG/L
Chemical:	SILVER		
Sample Collected:	07/08/2008	Findings:	150. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/08/2008	Findings:	- 0.96
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/08/2008	Findings:	4.35 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/08/2008	Findings:	60.5 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/08/2008	Findings:	10.85
Chemical:	AGGRESSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/08/2008	Findings:	983. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/08/2008	Findings:	140. UG/L
Chemical:	BORON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/08/2008	Findings:	9.5 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/08/2008	Findings:	410. UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/08/2008	Findings:	3.e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	10/06/2008	Findings:	120. UG/L
Chemical:	BORON		
Sample Collected:	10/06/2008	Findings:	10. UG/L
Chemical:	VANADIUM		
Sample Collected:	10/06/2008	Findings:	1300. UG/L
Chemical:	ALUMINUM		
Sample Collected:	01/09/2006	Findings:	17.5 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/09/2006	Findings:	349. UNITS
Chemical:	COLOR		
Sample Collected:	01/09/2006	Findings:	6. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/09/2006	Findings:	163. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/09/2006	Findings:	6.64
Chemical:	PH, LABORATORY		
Sample Collected:	10/06/2008	Findings:	3.4e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	10/06/2008	Findings:	18. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/06/2008	Findings:	289. UNITS
Chemical:	COLOR		
Sample Collected:	10/06/2008	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/06/2008	Findings:	259. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/06/2008	Findings:	7.61
Chemical:	PH, LABORATORY		
Sample Collected:	10/06/2008	Findings:	99. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	10/06/2008	Findings:	121. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/06/2008	Findings:	0.107 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	10/06/2008	Findings:	4.51 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/06/2008	Findings:	93. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/06/2008	Findings:	18. MG/L
Chemical:	CALCIUM		
Sample Collected:	10/06/2008	Findings:	11.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/06/2008	Findings:	17.4 MG/L
Chemical:	SODIUM		
Sample Collected:	10/06/2008	Findings:	1.95 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/06/2008	Findings:	15.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/06/2008	Findings:	0.114 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10/06/2008	Findings:	3.28 UG/L
Chemical:	ARSENIC		
Sample Collected:	10/06/2008	Findings:	1860. UG/L
Chemical:	IRON		
Sample Collected:	10/06/2008	Findings:	68. UG/L
Chemical:	MANGANESE		
Sample Collected:	10/06/2008	Findings:	11.2 UG/L
Chemical:	NICKEL		
Sample Collected:	10/06/2008	Findings:	14.9 UG/L
Chemical:	SILVER		
Sample Collected:	10/06/2008	Findings:	167. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/06/2008	Findings:	- 0.68
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/06/2008	Findings:	3.05 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/06/2008	Findings:	26.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/06/2008	Findings:	11.26
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/06/2008	Findings:	689. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/09/2006	Findings:	59. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01/09/2006	Findings:	72. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/09/2006	Findings:	9.9e-002 MG/L
Chemical:	AMMONIA (NH3-N)		
Sample Collected:	01/09/2006	Findings:	0.222 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	01/09/2006	Findings:	10. MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/2006	Findings:	56. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2006	Findings:	11.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/09/2006	Findings:	6.72 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/09/2006	Findings:	16.9 MG/L
Chemical:	SODIUM		
Sample Collected:	01/09/2006	Findings:	3.56 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/09/2006	Findings:	15. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/09/2006	Findings:	101. UG/L
Chemical:	BARIUM		
Sample Collected:	01/09/2006	Findings:	2140. UG/L
Chemical:	IRON		
Sample Collected:	01/09/2006	Findings:	49. UG/L
Chemical:	MANGANESE		
Sample Collected:	01/09/2006	Findings:	1.16 UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	01/09/2006	Findings:	28.1 UG/L
Chemical:	SILVER		
Sample Collected:	01/09/2006	Findings:	165. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/09/2006	Findings:	- 2.1
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/09/2006	Findings:	25.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/09/2006	Findings:	9.86
Chemical:	AGGRESSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/09/2006	Findings:	6.3 UG/L
Chemical:	VANADIUM		
Sample Collected:	01/09/2006	Findings:	1400. UG/L
Chemical:	ALUMINUM		
Sample Collected:	01/12/2009	Findings:	131. PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	01/12/2009	Findings:	0.338 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	01/12/2009	Findings:	0.474 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	01/12/2009	Findings:	140. UG/L
Chemical:	BORON		
Sample Collected:	01/12/2009	Findings:	5. UG/L
Chemical:	VANADIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/12/2009	Findings:	190. UG/L
Chemical:	ALUMINIUM		
Sample Collected:	01/12/2009	Findings:	1.7 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/2009	Findings:	1.2 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/12/2009	Findings:	0.24 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	01/09/2006	Findings:	1.8e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/09/2006	Findings:	2.2 PCI/L
Chemical:	RADON 222 COUNTING ERROR		
Sample Collected:	04/10/2006	Findings:	19.9 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/10/2006	Findings:	388. UNITS
Chemical:	COLOR		
Sample Collected:	04/10/2006	Findings:	6. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/10/2006	Findings:	181. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/10/2006	Findings:	7.26
Chemical:	PH, LABORATORY		
Sample Collected:	04/10/2006	Findings:	87. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	04/10/2006	Findings:	106. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/10/2006	Findings:	12.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/10/2006	Findings:	59. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/10/2006	Findings:	13.6 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/10/2006	Findings:	6. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/10/2006	Findings:	19.9 MG/L
Chemical:	SODIUM		
Sample Collected:	04/10/2006	Findings:	2.11 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/10/2006	Findings:	10. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/10/2006	Findings:	0.131 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/10/2006	Findings:	3.3 UG/L
Chemical:	ARSENIC		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/10/2006	Findings:	2750. UG/L
Chemical:	IRON		
Sample Collected:	04/10/2006	Findings:	84. UG/L
Chemical:	MANGANESE		
Sample Collected:	04/10/2006	Findings:	1.59 UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	04/10/2006	Findings:	14.4 UG/L
Chemical:	NICKEL		
Sample Collected:	04/10/2006	Findings:	111. UG/L
Chemical:	SILVER		
Sample Collected:	04/10/2006	Findings:	192. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/10/2006	Findings:	- 1.18
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/10/2006	Findings:	30. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/10/2006	Findings:	10.73
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/12/2009	Findings:	4.6e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/12/2009	Findings:	3. PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	01/12/2009	Findings:	0.34 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	01/12/2009	Findings:	3. PCI/L
Chemical:	GROSS BETA MDA95		
Sample Collected:	01/12/2009	Findings:	9. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/12/2009	Findings:	19. UNITS
Chemical:	COLOR		
Sample Collected:	01/12/2009	Findings:	3. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/12/2009	Findings:	300. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/12/2009	Findings:	7.74
Chemical:	PH, LABORATORY		
Sample Collected:	01/12/2009	Findings:	111. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01/12/2009	Findings:	135. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/12/2009	Findings:	0.103 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	01/12/2009	Findings:	3.58 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/12/2009	Findings:	95. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/12/2009	Findings:	15.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/12/2009	Findings:	13.7 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/12/2009	Findings:	36.3 MG/L
Chemical:	SODIUM		
Sample Collected:	01/12/2009	Findings:	2.12 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/12/2009	Findings:	25. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/12/2009	Findings:	0.137 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01/12/2009	Findings:	995. UG/L
Chemical:	IRON		
Sample Collected:	01/12/2009	Findings:	36. UG/L
Chemical:	MANGANESE		
Sample Collected:	01/12/2009	Findings:	12.8 UG/L
Chemical:	SILVER		
Sample Collected:	01/12/2009	Findings:	180. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/12/2009	Findings:	- 0.43
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/12/2009	Findings:	7.71 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/12/2009	Findings:	11.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/12/2009	Findings:	11.52
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/12/2009	Findings:	1710. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/06/2009	Findings:	1.13 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/06/2009	Findings:	1.04 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	04/06/2009	Findings:	147. PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	04/06/2009	Findings:	0.34 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	04/06/2009	Findings:	0.347 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	04/06/2009	Findings:	0.155 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/06/2009	Findings:	13. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/06/2009	Findings:	415. UNITS
Chemical:	COLOR		
Sample Collected:	04/06/2009	Findings:	5. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/06/2009	Findings:	432. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/06/2009	Findings:	7.65
Chemical:	PH, LABORATORY		
Sample Collected:	04/06/2009	Findings:	133. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	04/06/2009	Findings:	162. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/10/2006	Findings:	7.5 UG/L
Chemical:	VANADIUM		
Sample Collected:	04/10/2006	Findings:	1400. UG/L
Chemical:	ALUMINUM		
Sample Collected:	04/10/2006	Findings:	2.5e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/10/2006	Findings:	4.5 PCI/L
Chemical:	RADON 222 COUNTING ERROR		
Sample Collected:	07/10/2006	Findings:	21.8 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/10/2006	Findings:	317. UNITS
Chemical:	COLOR		
Sample Collected:	07/10/2006	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/10/2006	Findings:	263. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/2006	Findings:	7.61
Chemical:	PH, LABORATORY		
Sample Collected:	07/10/2006	Findings:	93. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07/10/2006	Findings:	113. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/2006	Findings:	0.147 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	07/10/2006	Findings:	3.99 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/10/2006	Findings:	91. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/10/2006	Findings:	17.6 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/2006	Findings:	11.3 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/2006	Findings:	30.2 MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/2006	Findings:	2.33 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/10/2006	Findings:	17.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/2006	Findings:	0.138 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	07/10/2006	Findings:	2.91 UG/L
Chemical:	ARSENIC		
Sample Collected:	04/06/2009	Findings:	0.223 MG/L
Chemical:	PHOSPHATE, ORTHO		
Sample Collected:	04/06/2009	Findings:	12.4 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/06/2009	Findings:	120. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/06/2009	Findings:	18.5 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/06/2009	Findings:	18.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/06/2009	Findings:	50.5 MG/L
Chemical:	SODIUM		
Sample Collected:	04/06/2009	Findings:	2.97 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/06/2009	Findings:	47. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/06/2009	Findings:	0.15 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/06/2009	Findings:	4.39 UG/L
Chemical:	ARSENIC		
Sample Collected:	04/06/2009	Findings:	3020. UG/L
Chemical:	IRON		
Sample Collected:	04/06/2009	Findings:	91. UG/L
Chemical:	MANGANESE		
Sample Collected:	04/06/2009	Findings:	1.17 UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	04/06/2009	Findings:	18.1 UG/L
Chemical:	NICKEL		
Sample Collected:	04/06/2009	Findings:	273. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/06/2009	Findings:	- 0.57
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/06/2009	Findings:	4.52 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/06/2009	Findings:	46. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/06/2009	Findings:	11.51
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/06/2009	Findings:	1020. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/06/2009	Findings:	440. UG/L
Chemical:	BORON		
Sample Collected:	04/06/2009	Findings:	11. UG/L
Chemical:	VANADIUM		
Sample Collected:	04/06/2009	Findings:	2200. UG/L
Chemical:	ALUMINIUM		
Sample Collected:	07/10/2006	Findings:	272. UG/L
Chemical:	BARIUM		
Sample Collected:	07/10/2006	Findings:	2110. UG/L
Chemical:	IRON		
Sample Collected:	07/10/2006	Findings:	53. UG/L
Chemical:	MANGANESE		
Sample Collected:	07/10/2006	Findings:	1.18 UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	07/10/2006	Findings:	16.9 UG/L
Chemical:	NICKEL		
Sample Collected:	07/10/2006	Findings:	27. UG/L
Chemical:	SILVER		
Sample Collected:	07/10/2006	Findings:	65.8 UG/L
Chemical:	ZINC		
Sample Collected:	07/10/2006	Findings:	130. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/2006	Findings:	- 0.63
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/10/2006	Findings:	2.38 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/2006	Findings:	30.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/10/2006	Findings:	11.22
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/10/2006	Findings:	537. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/10/2006	Findings:	190. UG/L
Chemical:	BORON		
Sample Collected:	07/10/2006	Findings:	7.3 UG/L
Chemical:	VANADIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/2006	Findings:	1600. UG/L
Chemical:	ALUMINIUM		
Sample Collected:	07/10/2006	Findings:	5.1e-002 MG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	07/10/2006	Findings:	4.1e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/10/2006	Findings:	3. PCI/L
Chemical:	RADON 222 COUNTING ERROR		
Sample Collected:	10/10/2006	Findings:	12. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/10/2006	Findings:	434. UNITS
Chemical:	COLOR		
Sample Collected:	04/06/2009	Findings:	6.4e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/06/2009	Findings:	0.549 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/06/2009	Findings:	0.391 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/06/2009	Findings:	131. PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	07/06/2009	Findings:	0.434 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	07/06/2009	Findings:	0.352 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	07/06/2009	Findings:	0.209 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	07/06/2009	Findings:	170. UG/L
Chemical:	BORON		
Sample Collected:	07/06/2009	Findings:	3.9 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/06/2009	Findings:	1.7e-002 MG/L
Chemical:	BROMIDE		

B15
SE
1/2 - 1 Mile
Lower

CA WELLS 22437

Water System Information:

Prime Station Code:	D48/003-NBR-TR	User ID:	ENG
FRDS Number:	4810003006	County:	Solano
District Number:	04	Station Type:	CANAL/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Treated
Source Lat/Long:	381230.0 1220730.0	Precision:	1 Mile (One Minute)
Source Name:	NORTH BAY REGIONAL WTP - TREATED		
System Number:	4810003		
System Name:	CITY OF FAIRFIELD		
Organization That Operates System:	1000 WEBSTER ST FAIRFIELD, CA 94533		
Pop Served:	80000	Connections:	23480
Area Served:	FAIRFIELD		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/12/2009	Findings:	1.62 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/12/2009	Findings:	99. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/12/2009	Findings:	15.6 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/12/2009	Findings:	14.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/12/2009	Findings:	58.2 MG/L
Chemical:	SODIUM		
Sample Collected:	01/12/2009	Findings:	2.41 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/12/2009	Findings:	28. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/12/2009	Findings:	19.3 UG/L
Chemical:	SILVER		
Sample Collected:	01/12/2009	Findings:	227. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/12/2009	Findings:	0.13
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/12/2009	Findings:	8.19 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/12/2009	Findings:	5.e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/12/2009	Findings:	12.05
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/12/2009	Findings:	1840. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/12/2009	Findings:	0.8 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/12/2009	Findings:	150. UG/L
Chemical:	BORON		
Sample Collected:	01/12/2009	Findings:	1.2 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	01/12/2009	Findings:	2.5 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/12/2009	Findings:	3.8e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/06/2009	Findings:	190. UG/L
Chemical:	BORON		
Sample Collected:	04/06/2009	Findings:	3.2 UG/L
Chemical:	VANADIUM		
Sample Collected:	04/06/2009	Findings:	1.5 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/06/2009	Findings:	2.5e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/06/2009	Findings:	14.5 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/06/2009	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/06/2009	Findings:	372. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/06/2009	Findings:	8.18
Chemical:	PH, LABORATORY		
Sample Collected:	04/06/2009	Findings:	153. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	04/06/2009	Findings:	187. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/06/2009	Findings:	2.73 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/06/2009	Findings:	169. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/06/2009	Findings:	18.1 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/06/2009	Findings:	28.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/06/2009	Findings:	21.3 MG/L
Chemical:	SODIUM		
Sample Collected:	04/06/2009	Findings:	1.45 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/06/2009	Findings:	14.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/09/2006	Findings:	19.1 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/09/2006	Findings:	368. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/09/2006	Findings:	8.12
Chemical:	PH, LABORATORY		
Sample Collected:	01/09/2006	Findings:	153. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2006	Findings:	187. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/09/2006	Findings:	1.51 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/09/2006	Findings:	167. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2006	Findings:	20. MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/2006	Findings:	28.1 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/09/2006	Findings:	21.1 MG/L
Chemical:	SODIUM		
Sample Collected:	01/09/2006	Findings:	1.19 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/09/2006	Findings:	9. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/09/2006	Findings:	42.1 UG/L
Chemical:	SILVER		
Sample Collected:	01/09/2006	Findings:	246. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/09/2006	Findings:	6.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/09/2006	Findings:	3.6e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/09/2006	Findings:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/09/2006	Findings:	452. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/09/2006	Findings:	0.862 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/09/2006	Findings:	170. UG/L
Chemical:	BORON		
Sample Collected:	01/09/2006	Findings:	4.1 UG/L
Chemical:	VANADIUM		
Sample Collected:	04/06/2009	Findings:	11.6 UG/L
Chemical:	SILVER		
Sample Collected:	04/06/2009	Findings:	235. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/06/2009	Findings:	- 9.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/06/2009	Findings:	2.98 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/06/2009	Findings:	5.e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/06/2009	Findings:	11.95
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/06/2009	Findings:	673. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/06/2009	Findings:	0.878 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	07/06/2009	Findings:	18.6 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/06/2009	Findings:	2. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/06/2009	Findings:	312.1 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/06/2009	Findings:	8.04
Chemical:	PH, LABORATORY		
Sample Collected:	07/06/2009	Findings:	105. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07/06/2009	Findings:	128. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/06/2009	Findings:	1.16 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/06/2009	Findings:	110. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/06/2009	Findings:	14. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/06/2009	Findings:	18. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/06/2009	Findings:	24.3 MG/L
Chemical:	SODIUM		
Sample Collected:	07/06/2009	Findings:	1.65 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/06/2009	Findings:	18.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/06/2009	Findings:	15.8 UG/L
Chemical:	SILVER		
Sample Collected:	07/06/2009	Findings:	198. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/06/2009	Findings:	- 4.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/06/2009	Findings:	3.74 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/06/2009	Findings:	4.7e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/06/2009	Findings:	11.84
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/06/2009	Findings:	844. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/06/2009	Findings:	0.791 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	07/06/2009	Findings:	140. UG/L
Chemical:	BORON		
Sample Collected:	07/06/2009	Findings:	3.8 UG/L
Chemical:	VANADIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/06/2009	Findings:	1.2 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	01/09/2006	Findings:	1.4 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/10/2006	Findings:	15.4 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/10/2006	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/10/2006	Findings:	356. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/10/2006	Findings:	7.98
Chemical:	PH, LABORATORY		
Sample Collected:	04/10/2006	Findings:	143. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/10/2006	Findings:	174. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/10/2006	Findings:	1.46 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/10/2006	Findings:	162. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	04/10/2006	Findings:	18.8 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/10/2006	Findings:	25.9 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/10/2006	Findings:	18.7 MG/L
Chemical:	SODIUM		
Sample Collected:	04/10/2006	Findings:	1.29 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/10/2006	Findings:	9. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/10/2006	Findings:	1. UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	04/10/2006	Findings:	28.1 UG/L
Chemical:	SILVER		
Sample Collected:	04/10/2006	Findings:	231. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/10/2006	Findings:	- 0.22
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/10/2006	Findings:	4.e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/10/2006	Findings:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/10/2006	Findings:	0.95 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/10/2006	Findings:	180. UG/L
Chemical:	BORON		
Sample Collected:	04/10/2006	Findings:	1.2 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/06/2009	Findings:	2.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/06/2009	Findings:	2.3e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	10/12/2009	Findings:	15.8 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/12/2009	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/12/2009	Findings:	302. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/12/2009	Findings:	8.2
Chemical:	PH, LABORATORY		
Sample Collected:	10/12/2009	Findings:	130. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	10/12/2009	Findings:	158. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/12/2009	Findings:	1.55 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/12/2009	Findings:	127. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	10/12/2009	Findings:	15. MG/L
Chemical:	CALCIUM		
Sample Collected:	10/12/2009	Findings:	21.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/12/2009	Findings:	19.8 MG/L
Chemical:	SODIUM		
Sample Collected:	10/12/2009	Findings:	1.53 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/12/2009	Findings:	14. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/12/2009	Findings:	15.6 UG/L
Chemical:	SILVER		
Sample Collected:	10/12/2009	Findings:	193. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/12/2009	Findings:	- 3.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/12/2009	Findings:	4.08 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/12/2009	Findings:	6.2e-002 NTU
Chemical:	TURBIDITY, LABORATORY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/12/2009	Findings:	11.97
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/12/2009	Findings:	921. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/12/2009	Findings:	0.821 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/11/2010	Findings:	11. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/11/2010	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/11/2010	Findings:	338.2 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/11/2010	Findings:	8.13
Chemical:	PH, LABORATORY		
Sample Collected:	01/11/2010	Findings:	162. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01/11/2010	Findings:	198. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/11/2010	Findings:	1.95 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/11/2010	Findings:	173. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	01/11/2010	Findings:	19.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/11/2010	Findings:	30. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/11/2010	Findings:	24.3 MG/L
Chemical:	SODIUM		
Sample Collected:	01/11/2010	Findings:	1.38 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/11/2010	Findings:	10. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/11/2010	Findings:	212. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/11/2010	Findings:	- 0.12
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/10/2006	Findings:	3.3 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/10/2006	Findings:	1.7e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/10/2006	Findings:	2.8 PCI/L
Chemical:	RADON 222 COUNTING ERROR		
Sample Collected:	07/10/2006	Findings:	21.3 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/2006	Findings:	2. UNITS
Chemical:	COLOR		
Sample Collected:	07/10/2006	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/10/2006	Findings:	354. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/2006	Findings:	8.14
Chemical:	PH, LABORATORY		
Sample Collected:	07/10/2006	Findings:	97. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07/10/2006	Findings:	118. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/2006	Findings:	1.64 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/10/2006	Findings:	98. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/10/2006	Findings:	17.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/2006	Findings:	13.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/2006	Findings:	43.6 MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/2006	Findings:	2.03 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/10/2006	Findings:	21.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/2006	Findings:	245. UG/L
Chemical:	BARIUM		
Sample Collected:	07/10/2006	Findings:	1.42 UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	07/10/2006	Findings:	15.4 UG/L
Chemical:	SILVER		
Sample Collected:	07/10/2006	Findings:	180. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/2006	Findings:	- 0.12
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/10/2006	Findings:	3.06 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/10/2006	Findings:	4.1e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/10/2006	Findings:	11.76
Chemical:	AGGRESSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/10/2006	Findings:	692. UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/2006	Findings:	0.83 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	07/10/2006	Findings:	210. UG/L
Chemical:	BORON		
Sample Collected:	07/10/2006	Findings:	5.6 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/10/2006	Findings:	3. UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/10/2006	Findings:	3.2 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/10/2006	Findings:	1.9 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/11/2010	Findings:	3.93 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/11/2010	Findings:	3.4e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/11/2010	Findings:	11.99
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/11/2010	Findings:	888. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/11/2010	Findings:	0.821 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/11/2010	Findings:	190. UG/L
Chemical:	BORON		
Sample Collected:	01/11/2010	Findings:	3.7 UG/L
Chemical:	VANADIUM		
Sample Collected:	01/11/2010	Findings:	58. UG/L
Chemical:	ALUMINUM		
Sample Collected:	01/11/2010	Findings:	2.1e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/11/2010	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/05/2010	Findings:	12.6 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/05/2010	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/05/2010	Findings:	356. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/05/2010	Findings:	8.02
Chemical:	PH, LABORATORY		
Sample Collected:	04/05/2010	Findings:	147. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/05/2010	Findings:	179. MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/05/2010	Findings:	1.96 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/05/2010	Findings:	171. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/05/2010	Findings:	18.3 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/05/2010	Findings:	26.9 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/05/2010	Findings:	26.1 MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/2006	Findings:	8.8 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/10/2006	Findings:	3.4e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/10/2006	Findings:	2.2 PCI/L
Chemical:	RADON 222 COUNTING ERROR		
Sample Collected:	10/10/2006	Findings:	19.7 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/10/2006	Findings:	2. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/10/2006	Findings:	291. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/10/2006	Findings:	8.49
Chemical:	PH, LABORATORY		
Sample Collected:	10/10/2006	Findings:	92. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	10/10/2006	Findings:	112. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/10/2006	Findings:	1.21 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/10/2006	Findings:	86. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	10/10/2006	Findings:	15.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/10/2006	Findings:	11.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/10/2006	Findings:	37.6 MG/L
Chemical:	SODIUM		
Sample Collected:	10/10/2006	Findings:	1.62 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/10/2006	Findings:	16.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/10/2006	Findings:	17.3 UG/L
Chemical:	SILVER		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/10/2006	Findings:	200. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/10/2006	Findings:	0.17
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/10/2006	Findings:	2.99 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/2010	Findings:	0.89 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/05/2010	Findings:	12. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/05/2010	Findings:	15.6 UG/L
Chemical:	SILVER		
Sample Collected:	04/05/2010	Findings:	222. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/05/2010	Findings:	- 0.13
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/05/2010	Findings:	5.5e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/05/2010	Findings:	11.96
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/05/2010	Findings:	0.818 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	07/13/2010	Findings:	20.8 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/13/2010	Findings:	2. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/13/2010	Findings:	283. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/13/2010	Findings:	8.09
Chemical:	PH, LABORATORY		
Sample Collected:	07/13/2010	Findings:	74. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/13/2010	Findings:	90.2 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/13/2010	Findings:	1.49 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/13/2010	Findings:	75. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/13/2010	Findings:	14. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/13/2010	Findings:	9.53 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/13/2010	Findings:	30.8 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/13/2010	Findings:	1.93 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/13/2010	Findings:	17.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/13/2010	Findings:	186. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/13/2010	Findings:	- 0.15
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/13/2010	Findings:	7.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/13/2010	Findings:	4.3e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/13/2010	Findings:	11.74
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/13/2010	Findings:	1670. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/13/2010	Findings:	0.847 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	10/12/2010	Findings:	20.2 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/12/2010	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/12/2010	Findings:	315. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/12/2010	Findings:	8.24
Chemical:	PH, LABORATORY		
Sample Collected:	10/12/2010	Findings:	95. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	10/12/2010	Findings:	117. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/12/2010	Findings:	1.58 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/12/2010	Findings:	90. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	10/12/2010	Findings:	14.7 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/12/2010	Findings:	11.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/12/2010	Findings:	39.3 MG/L
Chemical:	SODIUM		
Sample Collected:	10/12/2010	Findings:	1.99 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/12/2010	Findings:	20. MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/12/2010	Findings:	15.9 UG/L
Chemical:	NICKEL		
Sample Collected:	10/12/2010	Findings:	202. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/12/2010	Findings:	1.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/12/2010	Findings:	5.23 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/2010	Findings:	4.4e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/10/2006	Findings:	3.6e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/10/2006	Findings:	12.09
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/10/2006	Findings:	670. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/10/2006	Findings:	0.824 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	10/10/2006	Findings:	170. UG/L
Chemical:	BORON		
Sample Collected:	10/10/2006	Findings:	3.9 UG/L
Chemical:	VANADIUM		
Sample Collected:	10/10/2006	Findings:	1.9 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	10/10/2006	Findings:	1.9 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/10/2006	Findings:	1.2 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/10/2006	Findings:	5.5 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/10/2006	Findings:	2.6e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/09/2007	Findings:	9.1 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/09/2007	Findings:	349. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/09/2007	Findings:	8.35
Chemical:	PH, LABORATORY		
Sample Collected:	01/09/2007	Findings:	153. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01/09/2007	Findings:	187. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/09/2007	Findings:	1.69 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/2007	Findings:	154. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2007	Findings:	17.8 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/09/2007	Findings:	26.3 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/09/2007	Findings:	17.3 MG/L
Chemical:	SODIUM		
Sample Collected:	01/09/2007	Findings:	1.37 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/09/2007	Findings:	9. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/12/2010	Findings:	11.92
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/12/2010	Findings:	1180. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/12/2010	Findings:	0.812 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/11/2011	Findings:	8.3 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/11/2011	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/11/2011	Findings:	351. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/11/2011	Findings:	8.15
Chemical:	PH, LABORATORY		
Sample Collected:	01/11/2011	Findings:	153. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	01/11/2011	Findings:	187. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/11/2011	Findings:	1.77 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/11/2011	Findings:	187. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/11/2011	Findings:	24.6 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/11/2011	Findings:	30. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/11/2011	Findings:	23. MG/L
Chemical:	SODIUM		
Sample Collected:	01/11/2011	Findings:	1.47 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/11/2011	Findings:	13. MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/11/2011	Findings:	212. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/11/2011	Findings:	- 0.15
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/11/2011	Findings:	5.18 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/11/2011	Findings:	4.6e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/11/2011	Findings:	12.03
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/11/2011	Findings:	1170. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/11/2011	Findings:	0.738 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/11/2011	Findings:	200. UG/L
Chemical:	BORON		
Sample Collected:	01/11/2011	Findings:	1.5 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	01/11/2011	Findings:	1.9 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	01/11/2011	Findings:	1.4 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/09/2007	Findings:	14.8 UG/L
Chemical:	SILVER		
Sample Collected:	01/09/2007	Findings:	190. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/09/2007	Findings:	6.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/09/2007	Findings:	4.e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/09/2007	Findings:	12.21
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/09/2007	Findings:	0.84 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/09/2007	Findings:	160. UG/L
Chemical:	BORON		
Sample Collected:	01/09/2007	Findings:	82. UG/L
Chemical:	ALUMINUM		
Sample Collected:	01/09/2007	Findings:	1.7 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	01/09/2007	Findings:	1.4 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	01/09/2007	Findings:	1.6 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/2007	Findings:	4.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/09/2007	Findings:	1.8e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/09/2007	Findings:	15. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/11/2011	Findings:	4.8 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/11/2011	Findings:	2.2e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	04/09/2007	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	04/09/2007	Findings:	367. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/09/2007	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	04/09/2007	Findings:	156. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	04/09/2007	Findings:	190. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/09/2007	Findings:	1.58 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/09/2007	Findings:	152. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/09/2007	Findings:	16.5 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/09/2007	Findings:	26.6 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/09/2007	Findings:	16.9 MG/L
Chemical:	SODIUM		
Sample Collected:	04/09/2007	Findings:	1.2 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/09/2007	Findings:	8. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/09/2007	Findings:	17.8 UG/L
Chemical:	SILVER		
Sample Collected:	04/09/2007	Findings:	239. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/09/2007	Findings:	5.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/09/2007	Findings:	4.9e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/09/2007	Findings:	12.08
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/09/2007	Findings:	0.788 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	04/09/2007	Findings:	180. UG/L
Chemical:	BORON		
Sample Collected:	04/09/2007	Findings:	94. UG/L
Chemical:	ALUMINIUM		
Sample Collected:	04/09/2007	Findings:	1.8 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/09/2007	Findings:	1.3 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/09/2007	Findings:	1.7 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/2007	Findings:	4.8 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/2007	Findings:	9.e-003 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/09/2007	Findings:	20.4 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/09/2007	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	07/09/2007	Findings:	285. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/09/2007	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	07/09/2007	Findings:	82. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07/09/2007	Findings:	100. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/09/2007	Findings:	1.08 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/09/2007	Findings:	88. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/09/2007	Findings:	12.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/09/2007	Findings:	12.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/09/2007	Findings:	27.7 MG/L
Chemical:	SODIUM		
Sample Collected:	07/09/2007	Findings:	1.75 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/09/2007	Findings:	13. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/09/2007	Findings:	15.3 UG/L
Chemical:	SILVER		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/09/2007	Findings:	183. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/09/2007	Findings:	- 0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	07/09/2007	Findings:	3.84 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/09/2007	Findings:	4.2e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/09/2007	Findings:	11.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/09/2007	Findings:	866. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/09/2007	Findings:	0.824 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	07/09/2007	Findings:	110. UG/L
Chemical:	BORON		
Sample Collected:	07/09/2007	Findings:	3.6 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/09/2007	Findings:	1.7 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/09/2007	Findings:	1.8 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/09/2007	Findings:	1.1 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/09/2007	Findings:	4.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/2007	Findings:	2.e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	10/08/2007	Findings:	150. UG/L
Chemical:	BORON		
Sample Collected:	10/08/2007	Findings:	63. UG/L
Chemical:	ALUMINUM		
Sample Collected:	10/08/2007	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/08/2007	Findings:	1.5e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	10/08/2007	Findings:	14.8 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/08/2007	Findings:	2. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/08/2007	Findings:	356. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/08/2007	Findings:	8.39
Chemical:	PH, LABORATORY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/08/2007	Findings:	157. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	10/08/2007	Findings:	191. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/08/2007	Findings:	1.76 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/08/2007	Findings:	168. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	10/08/2007	Findings:	19.6 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/08/2007	Findings:	28.6 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/08/2007	Findings:	18. MG/L
Chemical:	SODIUM		
Sample Collected:	10/08/2007	Findings:	1.12 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/08/2007	Findings:	8. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/08/2007	Findings:	13.7 UG/L
Chemical:	NICKEL		
Sample Collected:	10/08/2007	Findings:	11.5 UG/L
Chemical:	SILVER		
Sample Collected:	10/08/2007	Findings:	212. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/08/2007	Findings:	0.25
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/08/2007	Findings:	3.04 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/08/2007	Findings:	3.9e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/08/2007	Findings:	12.28
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/08/2007	Findings:	686. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/08/2007	Findings:	0.822 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	01/09/2008	Findings:	110. UG/L
Chemical:	BORON		
Sample Collected:	01/09/2008	Findings:	3.7 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	01/09/2008	Findings:	16. UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/09/2008	Findings:	21. UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/2008	Findings:	9.5 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/09/2008	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/09/2008	Findings:	286. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/09/2008	Findings:	8.78
Chemical:	PH, LABORATORY		
Sample Collected:	01/09/2008	Findings:	51. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2008	Findings:	62.2 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/09/2008	Findings:	1.74 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01/09/2008	Findings:	58. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01/09/2008	Findings:	9.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/09/2008	Findings:	8.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/09/2008	Findings:	36.2 MG/L
Chemical:	SODIUM		
Sample Collected:	01/09/2008	Findings:	2.08 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/09/2008	Findings:	10.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/09/2008	Findings:	163. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/09/2008	Findings:	- 0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01/09/2008	Findings:	4.08 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/09/2008	Findings:	0.115 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01/09/2008	Findings:	11.84
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/09/2008	Findings:	921. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/09/2008	Findings:	0.885 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	04/07/2008	Findings:	14.4 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/07/2008	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/07/2008	Findings:	629.4 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/07/2008	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	04/07/2008	Findings:	148. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	04/07/2008	Findings:	180. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/07/2008	Findings:	3.06 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/07/2008	Findings:	170. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	04/07/2008	Findings:	27.8 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/07/2008	Findings:	24.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/07/2008	Findings:	75.7 MG/L
Chemical:	SODIUM		
Sample Collected:	04/07/2008	Findings:	3.5 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/07/2008	Findings:	54.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/07/2008	Findings:	1.3 UG/L
Chemical:	MOLYBDENUM		
Sample Collected:	04/07/2008	Findings:	15.1 UG/L
Chemical:	NICKEL		
Sample Collected:	04/07/2008	Findings:	387. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/07/2008	Findings:	- 0.1
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	04/07/2008	Findings:	5.27 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	04/07/2008	Findings:	5.4e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/07/2008	Findings:	11.98
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/07/2008	Findings:	1190. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/07/2008	Findings:	0.882 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	04/07/2008	Findings:	360. UG/L
Chemical:	BORON		
Sample Collected:	04/07/2008	Findings:	4.6 UG/L
Chemical:	VANADIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/07/2008	Findings:	2.6 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/07/2008	Findings:	1.5 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	04/07/2008	Findings:	5.4 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/07/2008	Findings:	1.3 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/07/2008	Findings:	11. UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/07/2008	Findings:	8.5e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/08/2008	Findings:	23.6 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/08/2008	Findings:	315. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/08/2008	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	07/08/2008	Findings:	78. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07/08/2008	Findings:	95.1 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/08/2008	Findings:	1.34 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07/08/2008	Findings:	79. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07/08/2008	Findings:	15.2 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/08/2008	Findings:	9.84 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/08/2008	Findings:	34.6 MG/L
Chemical:	SODIUM		
Sample Collected:	07/08/2008	Findings:	2.03 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/08/2008	Findings:	16. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/08/2008	Findings:	16.3 UG/L
Chemical:	NICKEL		
Sample Collected:	07/08/2008	Findings:	16.5 UG/L
Chemical:	SILVER		
Sample Collected:	07/08/2008	Findings:	195. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/08/2008	Findings:	- 0.13
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/08/2008	Findings:	4.47 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/08/2008	Findings:	3.9e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/08/2008	Findings:	11.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/08/2008	Findings:	1070. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/08/2008	Findings:	0.85 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	07/08/2008	Findings:	120. UG/L
Chemical:	BORON		
Sample Collected:	07/08/2008	Findings:	3.9 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/08/2008	Findings:	1.4 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/08/2008	Findings:	1.6 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/08/2008	Findings:	3.8 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/08/2008	Findings:	2.2e-002 MG/L
Chemical:	BROMIDE		
Sample Collected:	10/06/2008	Findings:	19. C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/06/2008	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/06/2008	Findings:	327. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/06/2008	Findings:	8.26
Chemical:	PH, LABORATORY		
Sample Collected:	10/06/2008	Findings:	98. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	10/06/2008	Findings:	119. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/06/2008	Findings:	1.79 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	10/06/2008	Findings:	94. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	10/06/2008	Findings:	16.8 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/06/2008	Findings:	12.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/06/2008	Findings:	28.7 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/06/2008	Findings:	2.22 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/06/2008	Findings:	18.5 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/06/2008	Findings:	1.43 UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	10/06/2008	Findings:	10.9 UG/L
Chemical:	NICKEL		
Sample Collected:	10/06/2008	Findings:	14.5 UG/L
Chemical:	SILVER		
Sample Collected:	10/06/2008	Findings:	205. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/06/2008	Findings:	- 6.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10/06/2008	Findings:	3.51 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/06/2008	Findings:	6.2e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/06/2008	Findings:	11.87
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/06/2008	Findings:	792. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/06/2008	Findings:	0.824 MG/L
Chemical:	FLUORIDE (TREATMENT RELATED-DISTRIBUTION)		
Sample Collected:	10/06/2008	Findings:	120. UG/L
Chemical:	BORON		
Sample Collected:	10/06/2008	Findings:	4.6 UG/L
Chemical:	VANADIUM		
Sample Collected:	10/06/2008	Findings:	2.4 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	10/06/2008	Findings:	2.6 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/06/2008	Findings:	1.4 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/06/2008	Findings:	6.9 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/06/2008	Findings:	7.e-003 MG/L
Chemical:	BROMIDE		
Sample Collected:	01/12/2009	Findings:	8.5 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/12/2009	Findings:	1.4 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/12/2009	Findings:	361. US
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/12/2009	Findings:	8.27
Chemical:	PH, LABORATORY		
Sample Collected:	01/12/2009	Findings:	109. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01/12/2009	Findings:	133. MG/L
Chemical:	BICARBONATE ALKALINITY		

C16
WNW
1/2 - 1 Mile
Higher

CA WELLS 20380

Water System Information:

Prime Station Code:	4810007-012TERM	User ID:	ENG
FRDS Number:	4810007015	County:	Solano
District Number:	04	Station Type:	RESVR/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	381315.0 1220900.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	PSC - TERMINAL RESERVOIR - RAW		
System Number:	4810007		
System Name:	CITY OF VALLEJO		
Organization That Operates System:	555 SANTA CLARA ST. VALLEJO 94590		
Pop Served:	121600	Connections:	33026
Area Served:	VALLEJO & VICINITY		

C17
WNW
1/2 - 1 Mile
Higher

CA WELLS 22445

Water System Information:

Prime Station Code:	D48/005-RES	User ID:	ENG
FRDS Number:	4810005005	County:	Solano
District Number:	04	Station Type:	RESVR/AMBNT
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	381315.0 1220900.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	PSC TERMINAL RESERVOIR - RAW		
System Number:	4810005		
System Name:	SUISUN CITY		
Organization That Operates System:	701 CEDAR ST SUISUN CITY 94585		
Pop Served:	22985	Connections:	7159
Area Served:	SUISUN CITY AND MANKAS CORNER		
Sample Collected:	02/27/2007	Findings:	0.35 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	05/16/2007	Findings:	0.27 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/16/2007	Findings:	1. PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	07/23/2008	Findings:	166. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/23/2008	Findings:	2.6 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94534	10	0

Federal EPA Radon Zone for SOLANO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SOLANO COUNTY, CA

Number of sites tested: 41

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.993 pCi/L	95%	5%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.433 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

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

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Addendum to the Location Hydraulic Study & Summary Floodplain Encroachment Report for the Interstate 80/Interstate 680/State Route 12 Interchange Project

District 4-SOL-80 (PM 10.8/17.0); SOL-680 (PM 10.0/13.1);
SOL-SR 12 (PM1.7/L2.8); and SOL-SR 12 (PM L1.8/4.8)
EA # 0A5300, Project #04-0000-0150

REASON FOR THIS ADDENDUM

Since the approval of the Location Hydraulic Study & Summary Floodplain Encroachment Report for the Interstate 80/Interstate 680/State Route 12 Interchange Project in 2009, a change has been incorporated into the project description by the Solano Transportation Authority (STA) and the Department.

The change in the project description involves the relocation of a Pacific Gas & Electric (PG&E) valve lot to an alternate site than previously analyzed. PG&E has indicated that the site previously identified for relocation of the valve lot is not ideal for their long term needs; PG&E has thus identified an alternate site for relocation of the valve lot. The alternate site would be located on property to the east of I-680 along Central Way. This proposed site is owned by the Fairfield-Suisun Unified School District (FSUSD). See Figure 1 of **Attachment A**.

The purpose of this addendum is to update the previously approved Location Hydraulic Study & Summary Floodplain Encroachment Report and to document any changes in the analysis that results from the change in the project description described above.

RELOCATION DESCRIPTION

Please refer to **Attachment A** of this addendum for a description of the setting and activities associated with the relocation of the PG&E valve lot to the alternate site.

ANALYSIS

The alternate site is included within the general study area of the Location Hydraulic Study & Summary Floodplain Encroachment Report. Green Valley Creek is located approximately 0.1 mile northeast of the alternate PG&E valve lot site. Due to the distance from the creek to the alternate site and intervening industrial structures in between, construction and operation of the valve lot relocation to the alternate site would not impact the creek. Further, the alternate site is located in the Federal Emergency Management Agency (FEMA)-designated Zone X. Zone X areas are determined to be outside the 0.2 percent annual change floodplain; thus, the alternate site is not located within a 100-year flood zone. Relocation of the PG&E valve lot site would not result in adverse effects to hydrology or floodplains.

CONCLUSION

For the reasons described above, relocating the PG&E valve lot to the alternate site would not change the findings, recommendation or conclusions of the Location Hydraulic Study & Summary Floodplain Encroachment Report.

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**ATTACHMENT A:
RELOCATION DESCRIPTION**

**ATTACHMENT A:
PACIFIC GAS & ELECTRIC (PG&E) VALVE LOT RELOCATION DESCRIPTION**

Project Location, Setting and Description:

The existing valve lot would be relocated within a 7.69 acre site, owned by the Fairfield Suisun Unified School District (APN 045-300-070) (see **Figure 1**), located at 3630 Ritchie Road in the City of Fairfield within Solano County. The relocated valve lot would occupy a 1.32-acre portion of the school district parcel (northwestern portion of the property). The 7.69 acre parcel would be divided into two separate parcels: 1) one 1.32-acre parcel for the relocated PG&E valve lot and portions of the pipelines leading to the valve lot which would be acquired by STA; and, 2) the remainder of the parcel (6.37 acres) for future development (development of which is not part of this project).

The project site for the valve lot is currently vacant, but was previously occupied by the Green Valley Middle School. The school has been relocated, the buildings demolished and the site has remained vacant since 2004. A portable classroom unit which is no longer used is located on the western portion of the project site, which would be removed as part of the project prior to construction.

The 7.69 acre site is bound by Ritchie Road to the west, commercial/industrial businesses to the north, and Grobric Court to the east. Cordelia Automotive, a mechanical automotive service business, and Classic Powder Coating, a metal refinishing business is immediately north of the project site. Inserv Company, a water treatment product and equipment business, is east of the project site. Vacant areas are immediately south of the project site. I-680 and I-80 are located 0.15 miles to the west and north of the project site, respectively. Green Valley Creek is 0.1 miles northeast of the project site. The Village of Cordelia Historic District is 0.2 miles south of the project site.

The existing PG&E valve lot is located between I-680 and I-80, to the east of Lopes Road (See **Figure 1**). The project would relocate the existing valve lot to a new location on the east side of I-80 (the project site) 0.2 mile (approximately 1,000 feet) east of its current location. All activities on the existing valve lot would cease as the lot would be deactivated and all pipeline maintenance equipment on site would be removed once the new valve lot is operational. Relocation of the valve lot is necessary to make way for the proposed improvements to the Green Valley overcrossing.

Figure 2 shows the plan for relocating the valve lot and pipelines. As shown in the figure, all major piping and valves would be installed below ground with the exception of aboveground pipeline extensions with valve/hand wheels to regulate gas flow. The installation of pipelines and the valve/hand wheels aboveground on the project site would require excavations of approximately 5 to 10 feet, depending on the location. The final height of the aboveground equipment would be at ground level. Additionally, a pipeline inspection gauge (pig) launcher would be installed at the project site. Pig launchers are pipeline maintenance equipment used to clean the pipeline or assess corrosion along a pipeline. Piping associated with the pig launcher would be approximately 4 to 5 feet above ground.

The finished valve lot would be approximately 1 foot above grade with an aggregate base (gravel). Maintenance equipment and pipelines installed would be enclosed with a 7-foot high chain-linked fence.

Five new underground gas pipelines would be installed to connect the existing natural gas system to the relocated valve lot (see **Figure 3**). Of the five pipelines, two pipelines would route gas to the valve lot and three pipelines would route gas from the valve lot to PG&E's existing gas distribution system. **Table 1** lists the diameter and length of the project pipelines. The capacity of the natural gas pipelines or PG&E's gas delivery system would not increase as a result of the project.

Table 1: Project Pipeline Details

Pipeline	Diameter	Length
Pipelines Routing Gas to the Valve Lot		
L-210A	32 inches	100 feet
L-210B	16 inches	350 feet
Pipelines Routing Gas from the Valve Lot		
L-210A	24 inches	1,650 feet
L-210B	16 inches	1,650 feet
L-210C	24 inches	650 feet

Source: GTS, 2011; Circlepoint, 2011.

Construction to install pipelines under roadways, including I-680, I-80, and Central Way would utilize trenchless construction methods, such as the guided boring method¹ or horizontal directional drilling², to limit surface ground disturbances. In other areas, trenching and open-cut methods would be used to install the pipelines. The direct buried sections of the pipelines would be excavated to a maximum depth of 8 feet; the new pipelines would be located at a minimum depth of 5 feet. At pipeline tie-in areas, bell holes³ would be excavated to maximum depth of 18 feet.

Figure 4 shows the areas of surface disturbances and subsurface disturbances related to project construction. All of these areas with the exception of the 7.69 acre site owned by the Fairfield Suisun Unified School District, occur within areas already identified for ground disturbance as part of the Alternative C, Phase 1 project.

The valve lot relocation would require the acquisition of 1.32 acres from the Fairfield Suisun Unified School District, and secure permanent and temporary easements needed for operation/maintenance and construction staging purposes. **Table 2** lists the Assessor Parcel Numbers (APN) and acreages associated with the acquisition and permanent easements. **Figure 5** shows the location of the fee acquisition and easements.

¹ The guided boring method of pipeline installation is a 3-step process. First, a pilot tube is pushed through the ground from a jacking shaft to a reception shaft at the end location. Second, the pilot bore is enlarged from the jacking shaft to the reception shaft using augers inside a steel casing. Lastly, the pipe is pushed behind the steel casing, and the steel casing is extracted at the reception shaft simultaneously.

² Horizontal directional drilling (HDD) is a surface-launched process whereby a pilot bore is drilled by pushing a drill pipe and drill bit from the entry point along a curved pathway to the exit point. When the pilot bore is complete, the bore is reamed in one or more passes to enlarge the bore to the diameter that can accommodate the pipe. The steel pipe is then pulled into the bore back to the entry point.

³ Bell holes are excavations made at the section joints of a pipeline. PG&E would excavate the soils to make it safe for construction employees to work.

Table 2: Project Acquisition and Permanent Easements

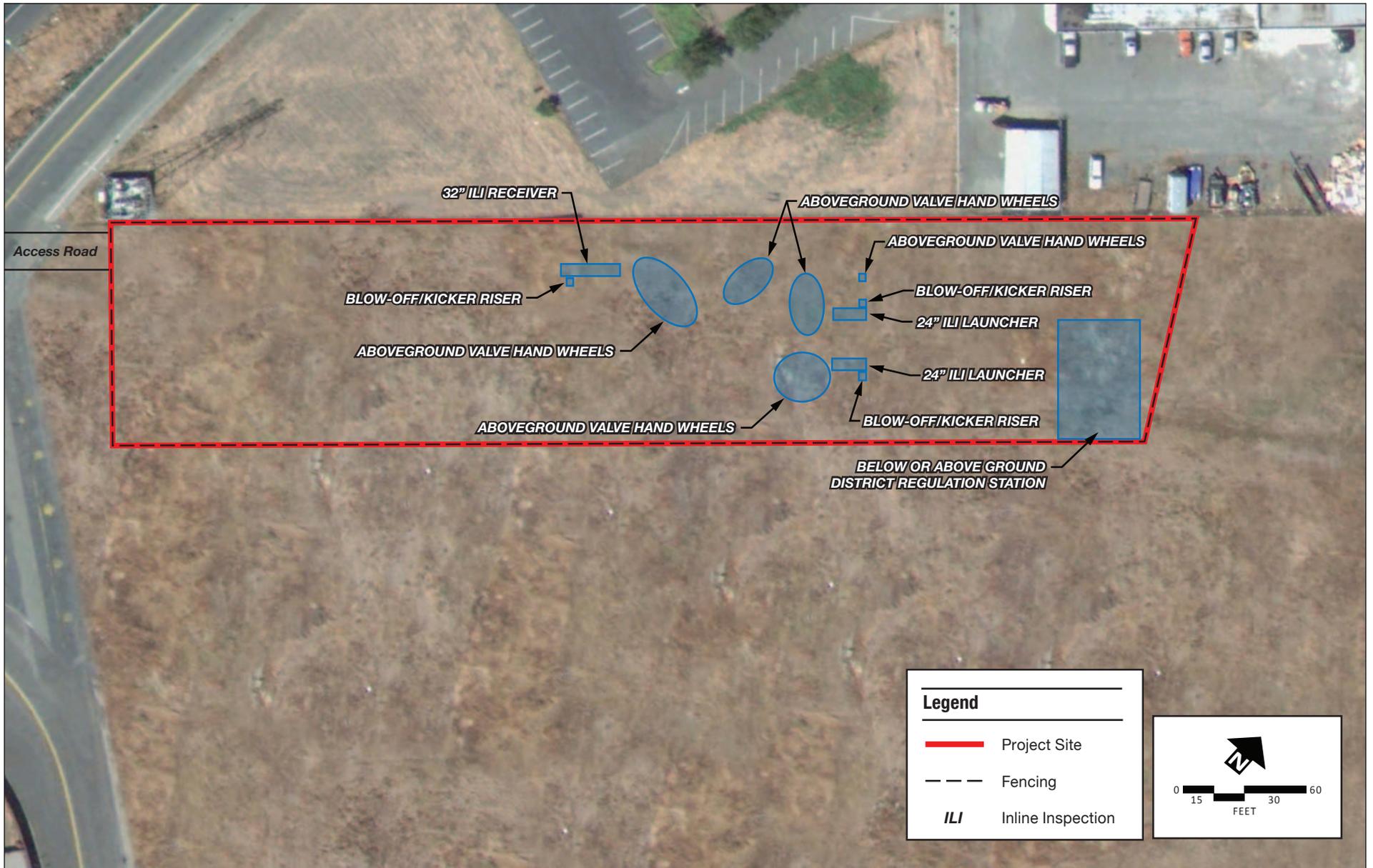
APN	Owner	Acreage
Fee Acquisition		
0045-3000-070	Fairfield Suisun Unified School District	1.32 acres
<i>Total Acreages under Fee Acquisition</i>		<i>1.32 acres</i>
Permanent Easements		
0045-300-040	James L. & Cheryl C. Campi	0.12 acres
0045-300-070	Fairfield Suisun Unified School District	0.07 acres
<i>Total Acreages under Permanent Easement</i>		<i>0.19 acres</i>

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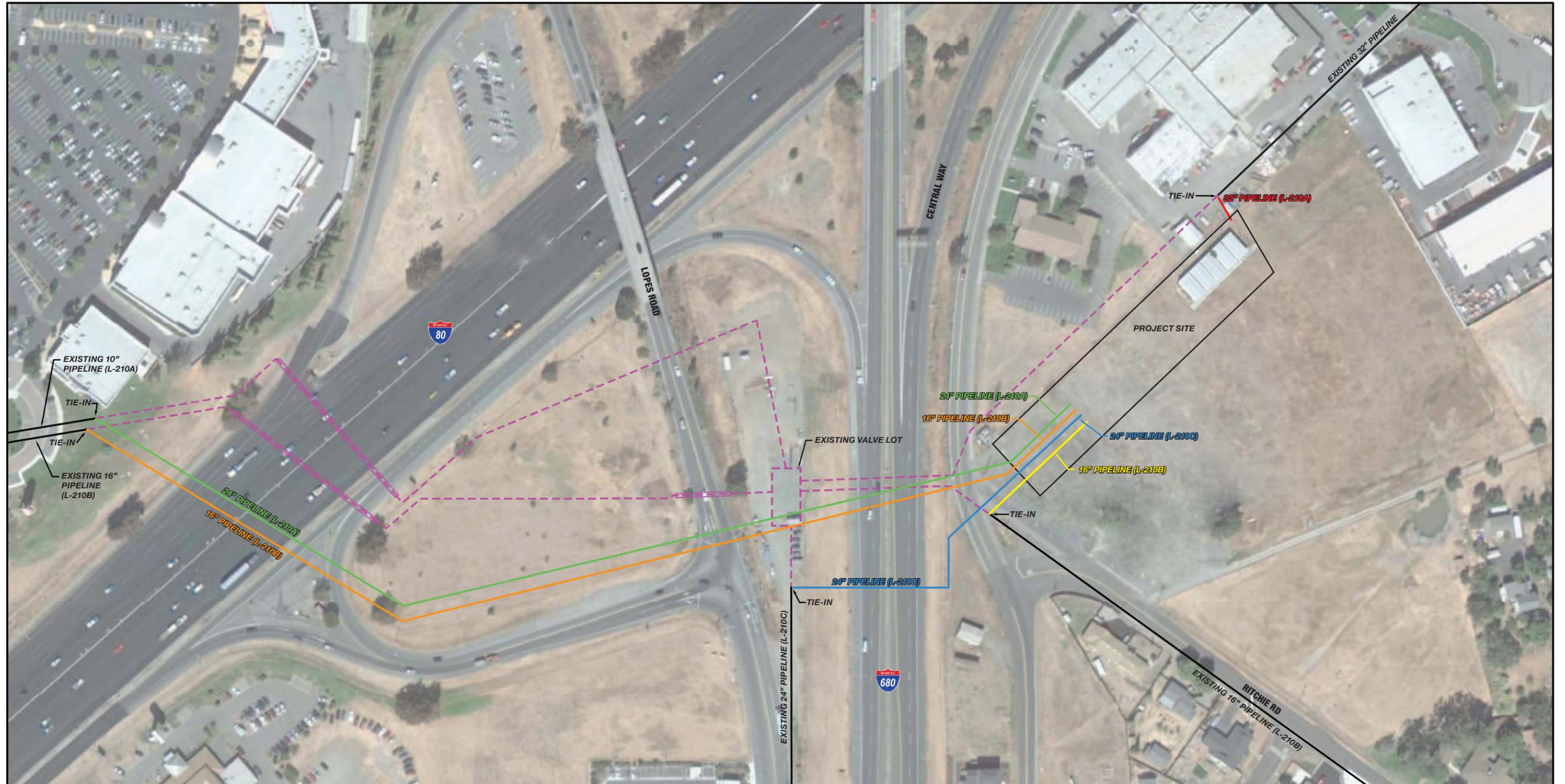
Project Location Map

Figure



Project Site Plan

Figure



Legend

- EXISTING PIPELINES**
- Existing Transmission System to Remain
 - - - Existing Pipelines and Valve Lot (To be deactivated)

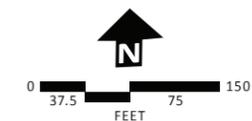
PROJECT PIPELINES

PIPELINES ROUTING GAS TO THE VALVE LOT

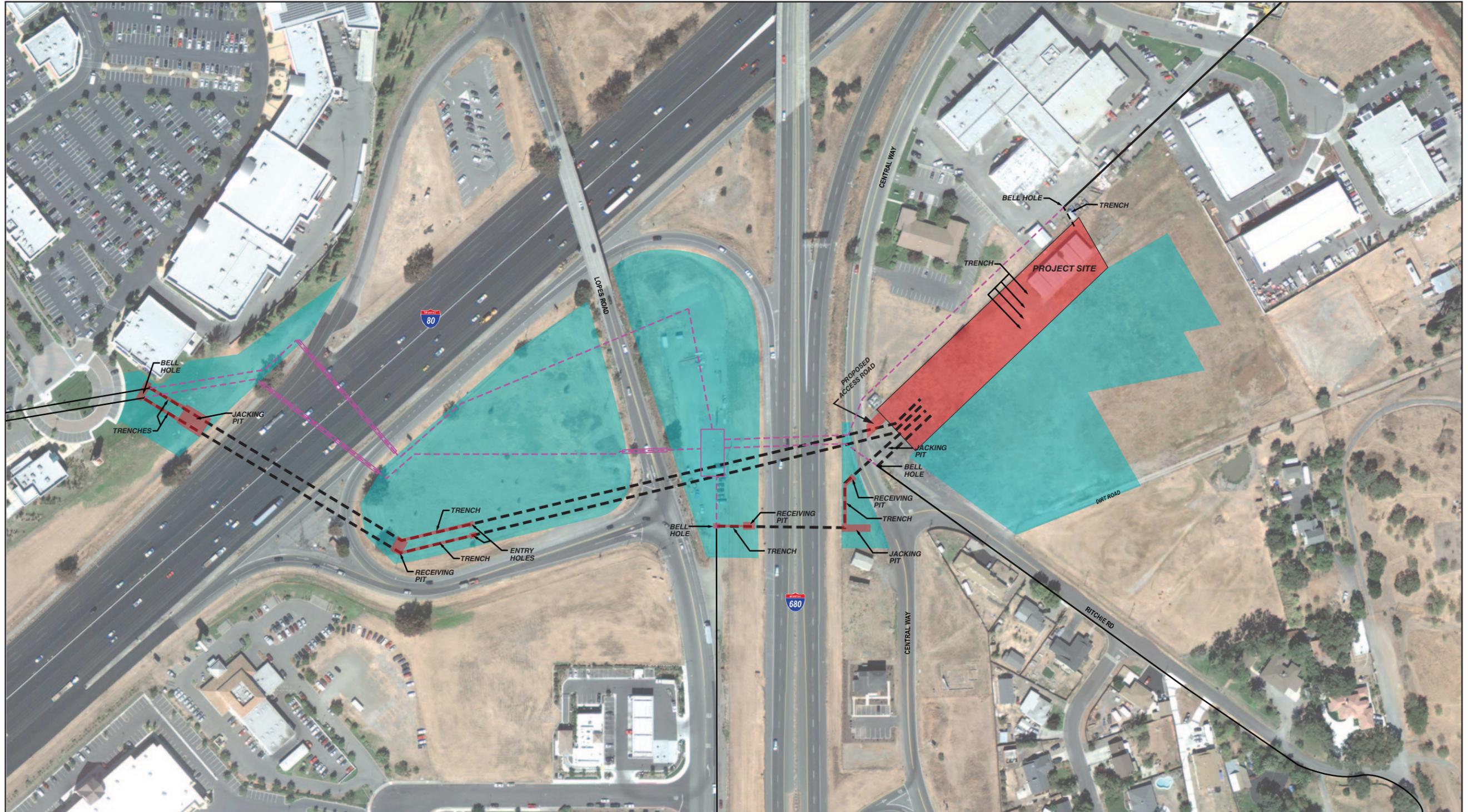
- L-210 A
- L-210 B

PIPELINES ROUTING GAS FROM THE VALVE LOT

- L-210 A
- L-210 B
- L-210 C



Off-Site Pipelines **Figure**

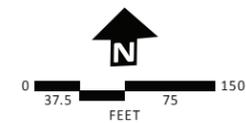


Legend

Areas of Disturbance

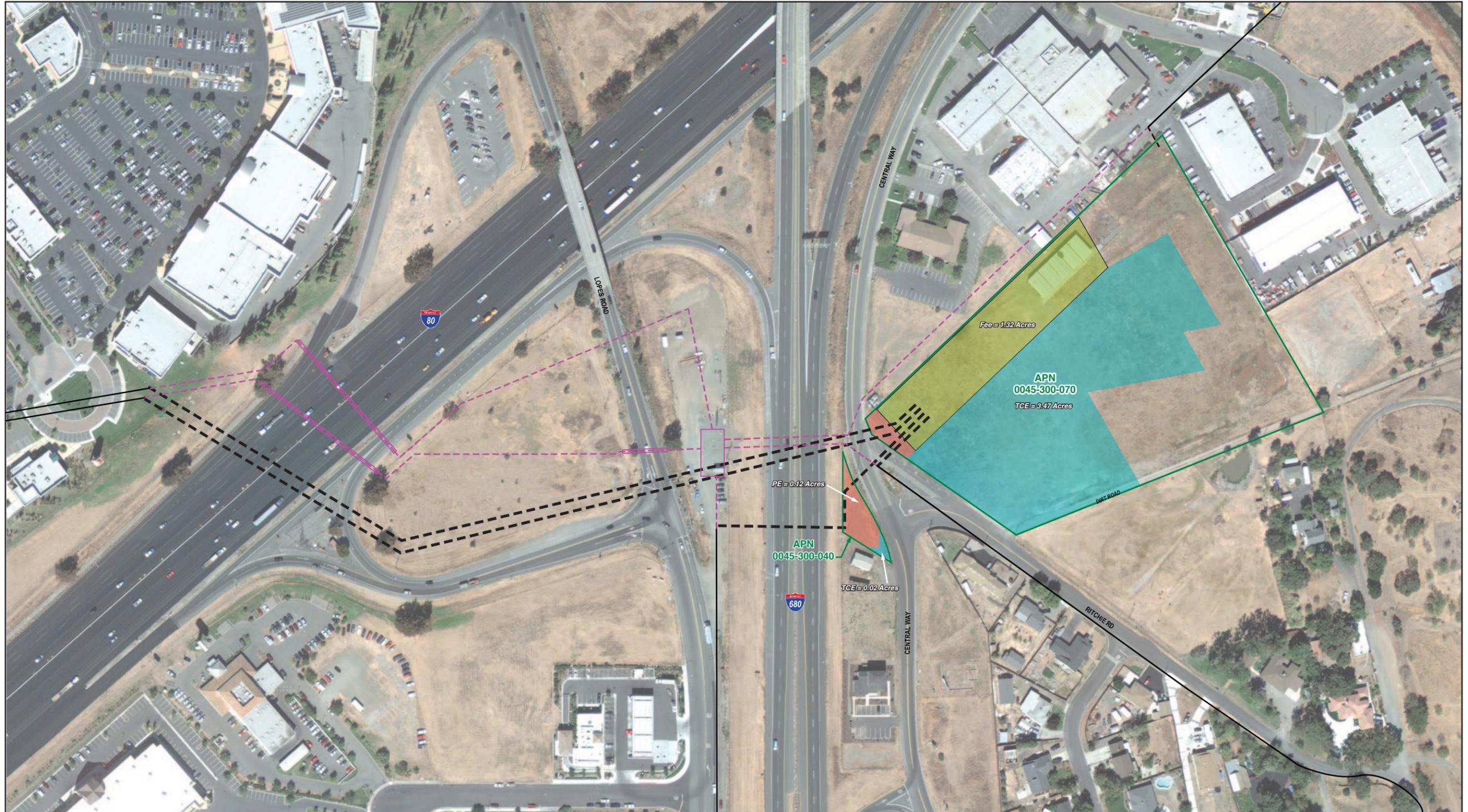
- Construction Impact Areas (Temporary Construction Easements)
- Soil Disturbance Area

- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)



* Areas of disturbance include permanent and temporary disturbances.

Area of Disturbance Figure



* Areas of disturbance include permanent and temporary disturbances.

Legend

- Permanent Easement (PE)
- Project Valve Lot Location (Fee Acquisition)
- Temporary Construction Easement (TCE)
- APN Parcel
- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)

Acquisition and Easement Locations

Figure

**Addendum to the Delineation of Waters of the United States for the
Interstate 80/Interstate 680/State Route 12 Interchange Project**

District 4-SOL-80 (PM 10.8/17.0); SOL-680 (PM 10.0/13.1);
SOL-SR 12 (PM1.7/L2.8); and SOL-SR 12 (PM L1.8/4.8)
EA # 0A5300, Project #04-0000-0150

REASON FOR THIS ADDENDUM

Since the verification of the delineation of Waters of the United States (delineation) for the Interstate 80/Interstate 680/State Route 12 Interchange Project in June 2009, a change has been incorporated into the project description by the Solano Transportation Authority (STA) and the Department.

The change in the project description involves the relocation of a Pacific Gas & Electric (PG&E) valve lot to an alternate site than previously analyzed. PG&E has indicated that the site previously identified for relocation of the valve lot is not ideal for their long term needs; PG&E has thus identified an alternate site for relocation of the valve lot. The alternate site would be located on property to the east of I-680 along Central Way. This proposed site is owned by the Fairfield-Suisun Unified School District (FSUSD). See Figure 1 of **Attachment A**.

The purpose of this addendum is to update the previously verified delineation and to document any changes in the analysis that results from the changes in the project description described above.

RELOCATION DESCRIPTION

Please refer to **Attachment A** of this addendum for a description of the setting and activities associated with the relocation of the PG&E valve lot to the alternate site.

ANALYSIS

Field Methods

It was necessary to conduct a field survey of the revised study area outside of the previously verified delineation study area limits for wetlands and other waters of the U.S. The revised study area includes the full extent of Assessor Parcel Number (APN) 0045-300-070 and is shown on Sheet 16 of the verified delineation map for USACE project # SPN-2007-4004001 N (June 1, 2009). Lisa Webber of ICF International and Hal Durio of Caltrans District 4 conducted field surveys of the revised study area on December 13, 2012, in order to identify and map all potential jurisdictional features. Two data points were recorded at the edge of the largest wetland (see data forms in **Attachment B**), and the northern half of the wetland boundary was recorded with a GeoXT GPS unit. Approximate boundaries were drawn onto an aerial photograph for the southern extent of the large wetland, which includes patches of wetland vegetation in upland annual grassland, and for the smaller wetland near the center of the parcel.

Results

Project refinements would change the extent of seasonal wetlands identified in the study area (Figure 1 in **Attachment B**). One large wetland was mapped along the northeast edge of the parcel for the proposed PG&E valve lot location. One small feature was mapped near the center of the parcel. The large seasonal wetland contains two drainage grates that most likely carry runoff from the wetland to Green Valley Creek, which is located approximately 400 feet northeast of the parcel. Therefore, this wetland has a significant nexus to a Relatively Permanent Water, which drains to Cordelia Slough, a Traditional Navigable Water. No other types of wetlands or other waters of the U.S. were observed on the proposed PG&E valve lot site.

Project design refinements would not result in increased impacts on seasonal wetlands in the proposed PG&E valve lot area. The proposed permanent and temporary construction easements are located outside of the preliminary boundaries of seasonal wetlands mapped on the parcel. Therefore, there would be no direct effects on seasonal wetlands. Implementation of the avoidance and minimization measures in the EIR/S would protect seasonal wetlands from indirect adverse effects.

CONCLUSION

For the reasons described above, relocating the PG&E valve lot to the alternate site would increase the acreage of jurisdictional seasonal wetlands in the study area, but would not change the impacts on seasonal wetlands, findings, recommendations, or conclusions of the EIR/S.

**ATTACHMENT A:
RELOCATION DESCRIPTION**

**ATTACHMENT A:
PACIFIC GAS & ELECTRIC (PG&E) VALVE LOT RELOCATION DESCRIPTION**

Project Location, Setting and Description:

The existing valve lot would be relocated within a 7.69 acre site, owned by the Fairfield Suisun Unified School District (APN 045-300-070) (see **Figure 1**), located at 3630 Ritchie Road in the City of Fairfield within Solano County. The relocated valve lot would occupy a 1.32-acre portion of the school district parcel (northwestern portion of the property). The 7.69 acre parcel would be divided into two separate parcels: 1) one 1.32-acre parcel for the relocated PG&E valve lot and portions of the pipelines leading to the valve lot which would be acquired by STA; and, 2) the remainder of the parcel (6.37 acres) for future development (development of which is not part of this project).

The project site for the valve lot is currently vacant, but was previously occupied by the Green Valley Middle School. The school has been relocated, the buildings demolished and the site has remained vacant since 2004. A portable classroom unit which is no longer used is located on the western portion of the project site, which would be removed as part of the project prior to construction.

The 7.69 acre site is bound by Ritchie Road to the west, commercial/industrial businesses to the north, and Grobric Court to the east. Cordelia Automotive, a mechanical automotive service business, and Classic Powder Coating, a metal refinishing business is immediately north of the project site. Inserv Company, a water treatment product and equipment business, is east of the project site. Vacant areas are immediately south of the project site. I-680 and I-80 are located 0.15 miles to the west and north of the project site, respectively. Green Valley Creek is 0.1 miles northeast of the project site. The Village of Cordelia Historic District is 0.2 miles south of the project site.

The existing PG&E valve lot is located between I-680 and I-80, to the east of Lopes Road (See **Figure 1**). The project would relocate the existing valve lot to a new location on the east side of I-80 (the project site) 0.2 mile (approximately 1,000 feet) east of its current location. All activities on the existing valve lot would cease as the lot would be deactivated and all pipeline maintenance equipment on site would be removed once the new valve lot is operational. Relocation of the valve lot is necessary to make way for the proposed improvements to the Green Valley overcrossing.

Figure 2 shows the plan for relocating the valve lot and pipelines. As shown in the figure, all major piping and valves would be installed below ground with the exception of aboveground pipeline extensions with valve/hand wheels to regulate gas flow. The installation of pipelines and the valve/hand wheels aboveground on the project site would require excavations of approximately 5 to 10 feet, depending on the location. The final height of the aboveground equipment would be at ground level. Additionally, a pipeline inspection gauge (pig) launcher would be installed at the project site. Pig launchers are pipeline maintenance equipment used to clean the pipeline or assess corrosion along a pipeline. Piping associated with the pig launcher would be approximately 4 to 5 feet above ground.

The finished valve lot would be approximately 1 foot above grade with an aggregate base (gravel). Maintenance equipment and pipelines installed would be enclosed with a 7-foot high chain-linked fence.

Five new underground gas pipelines would be installed to connect the existing natural gas system to the relocated valve lot (see **Figure 3**). Of the five pipelines, two pipelines would route gas to the valve lot and three pipelines would route gas from the valve lot to PG&E's existing gas distribution system. **Table 1** lists the diameter and length of the project pipelines. The capacity of the natural gas pipelines or PG&E's gas delivery system would not increase as a result of the project.

Table 1: Project Pipeline Details

Pipeline	Diameter	Length
Pipelines Routing Gas to the Valve Lot		
L-210A	32 inches	100 feet
L-210B	16 inches	350 feet
Pipelines Routing Gas from the Valve Lot		
L-210A	24 inches	1,650 feet
L-210B	16 inches	1,650 feet
L-210C	24 inches	650 feet

Source: GTS, 2011; Circlepoint, 2011.

Construction to install pipelines under roadways, including I-680, I-80, and Central Way would utilize trenchless construction methods, such as the guided boring method¹ or horizontal directional drilling², to limit surface ground disturbances. In other areas, trenching and open-cut methods would be used to install the pipelines. The direct buried sections of the pipelines would be excavated to a maximum depth of 8 feet; the new pipelines would be located at a minimum depth of 5 feet. At pipeline tie-in areas, bell holes³ would be excavated to maximum depth of 18 feet.

Figure 4 shows the areas of surface disturbances and subsurface disturbances related to project construction. All of these areas with the exception of the 7.69 acre site owned by the Fairfield Suisun Unified School District, occur within areas already identified for ground disturbance as part of the Alternative C, Phase 1 project.

The valve lot relocation would require the acquisition of 1.32 acres from the Fairfield Suisun Unified School District, and secure permanent and temporary easements needed for operation/maintenance and construction staging purposes. **Table 2** lists the Assessor Parcel Numbers (APN) and acreages associated with the acquisition and permanent easements. **Figure 5** shows the location of the fee acquisition and easements.

¹ The guided boring method of pipeline installation is a 3-step process. First, a pilot tube is pushed through the ground from a jacking shaft to a reception shaft at the end location. Second, the pilot bore is enlarged from the jacking shaft to the reception shaft using augers inside a steel casing. Lastly, the pipe is pushed behind the steel casing, and the steel casing is extracted at the reception shaft simultaneously.

² Horizontal directional drilling (HDD) is a surface-launched process whereby a pilot bore is drilled by pushing a drill pipe and drill bit from the entry point along a curved pathway to the exit point. When the pilot bore is complete, the bore is reamed in one or more passes to enlarge the bore to the diameter that can accommodate the pipe. The steel pipe is then pulled into the bore back to the entry point.

³ Bell holes are excavations made at the section joints of a pipeline. PG&E would excavate the soils to make it safe for construction employees to work.

Table 2: Project Acquisition and Permanent Easements

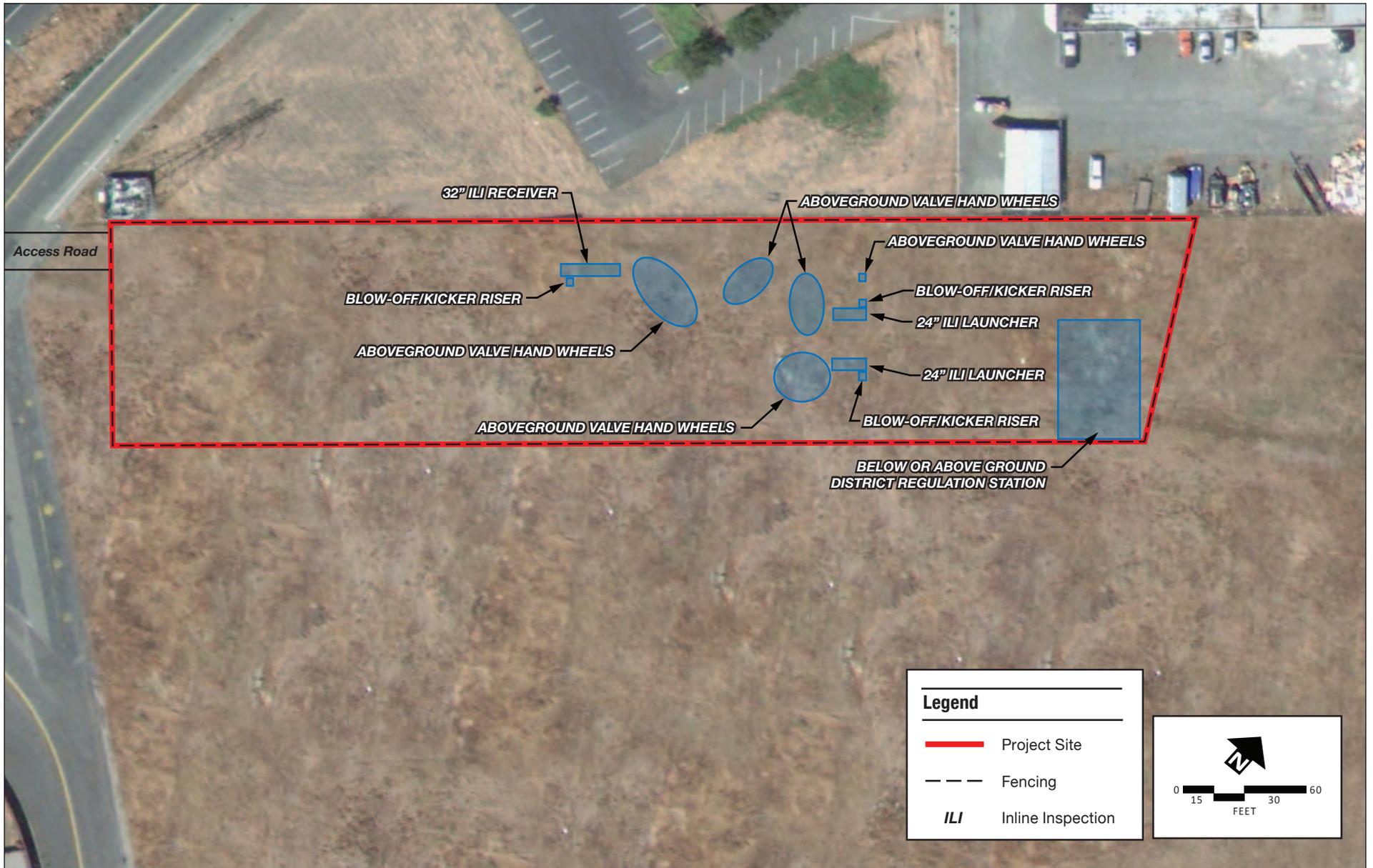
APN	Owner	Acreage
Fee Acquisition		
0045-3000-070	Fairfield Suisun Unified School District	1.32 acres
<i>Total Acreages under Fee Acquisition</i>		<i>1.32 acres</i>
Permanent Easements		
0045-300-040	James L. & Cheryl C. Campi	0.12 acres
0045-300-070	Fairfield Suisun Unified School District	0.07 acres
<i>Total Acreages under Permanent Easement</i>		<i>0.19 acres</i>

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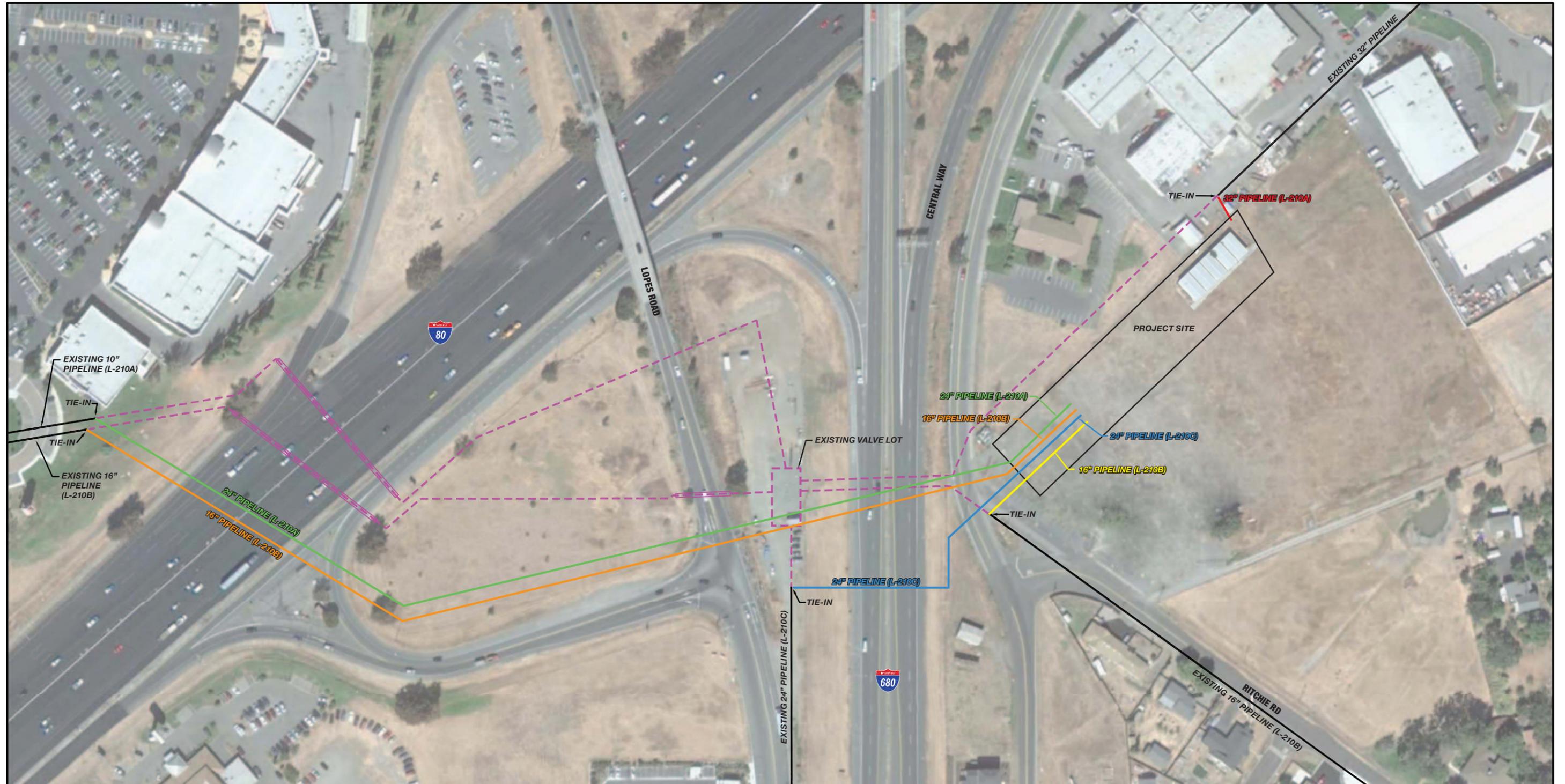
Project Location Map

Figure



Project Site Plan

Figure



Legend

- EXISTING PIPELINES**
- Existing Transmission System to Remain
 - - - Existing Pipelines and Valve Lot (To be deactivated)

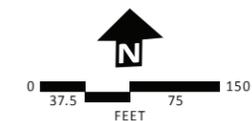
PROJECT PIPELINES

PIPELINES ROUTING GAS TO THE VALVE LOT

- L-210 A
- L-210 B

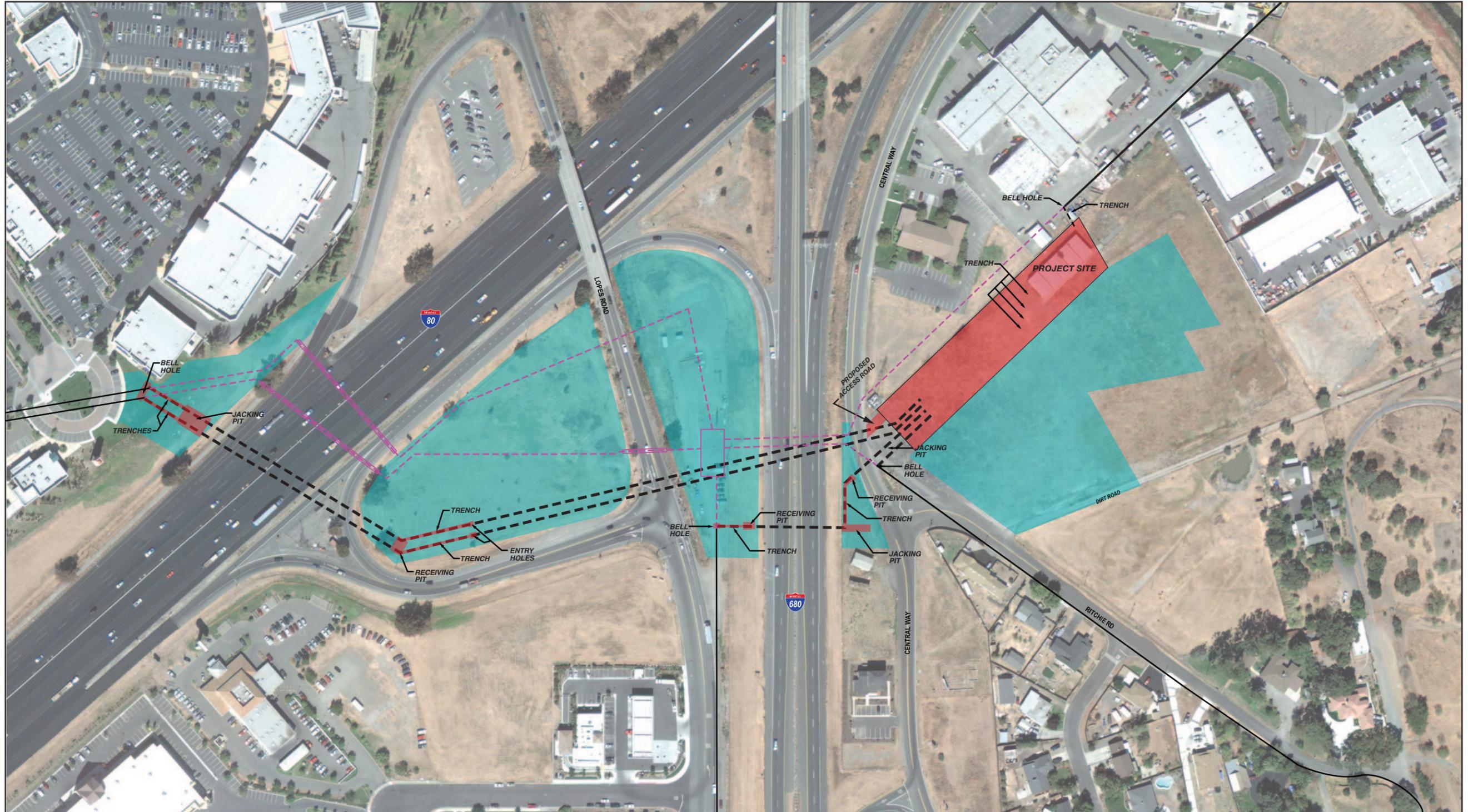
PIPELINES ROUTING GAS FROM THE VALVE LOT

- L-210 A
- L-210 B
- L-210 C



Off-Site Pipelines

Figure



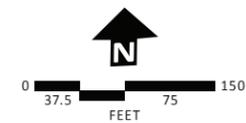
Legend

Areas of Disturbance

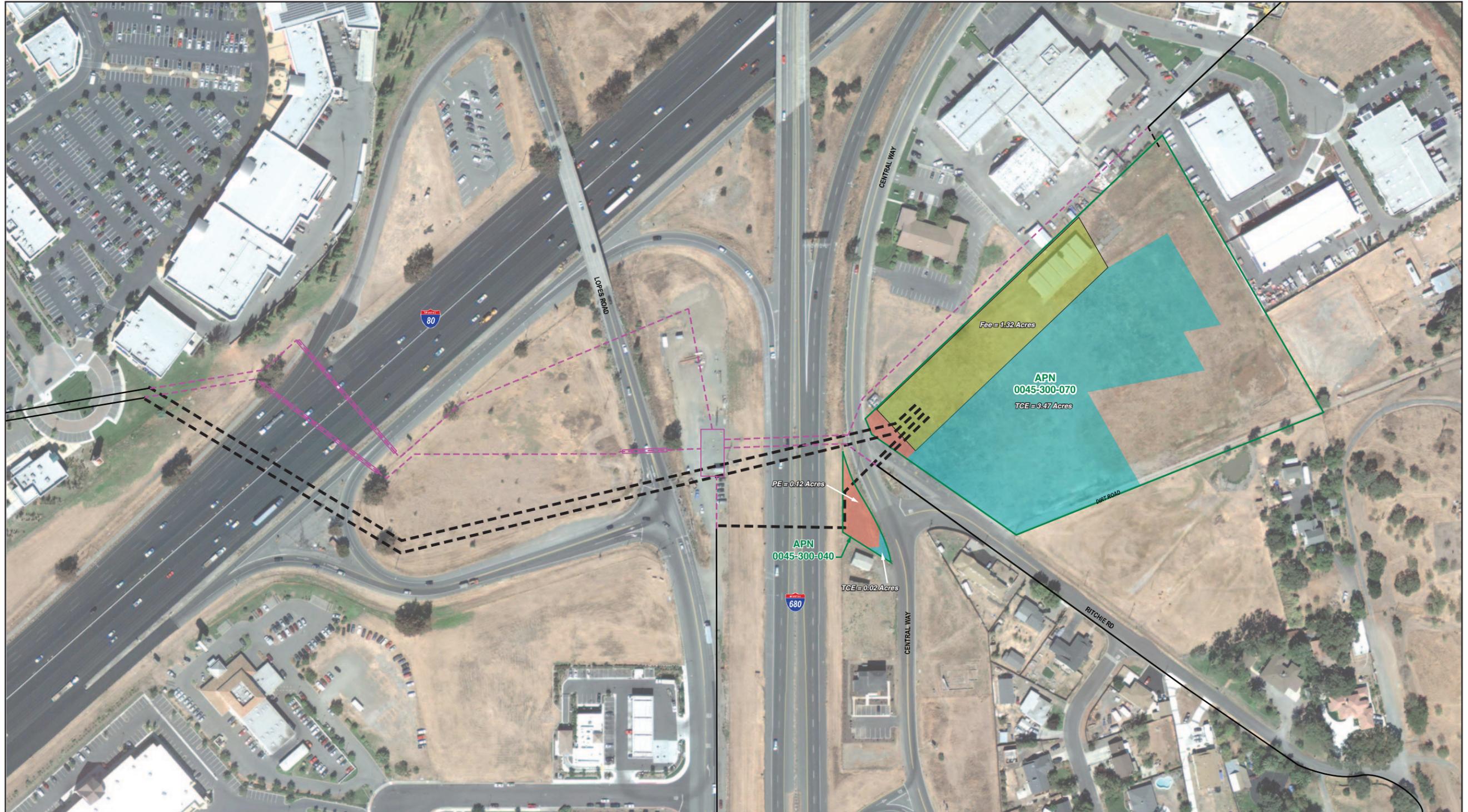
- Construction Impact Areas (Temporary Construction Easements)
- Soil Disturbance Area

- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)

* Areas of disturbance include permanent and temporary disturbances.



Area of Disturbance Figure



* Areas of disturbance include permanent and temporary disturbances.

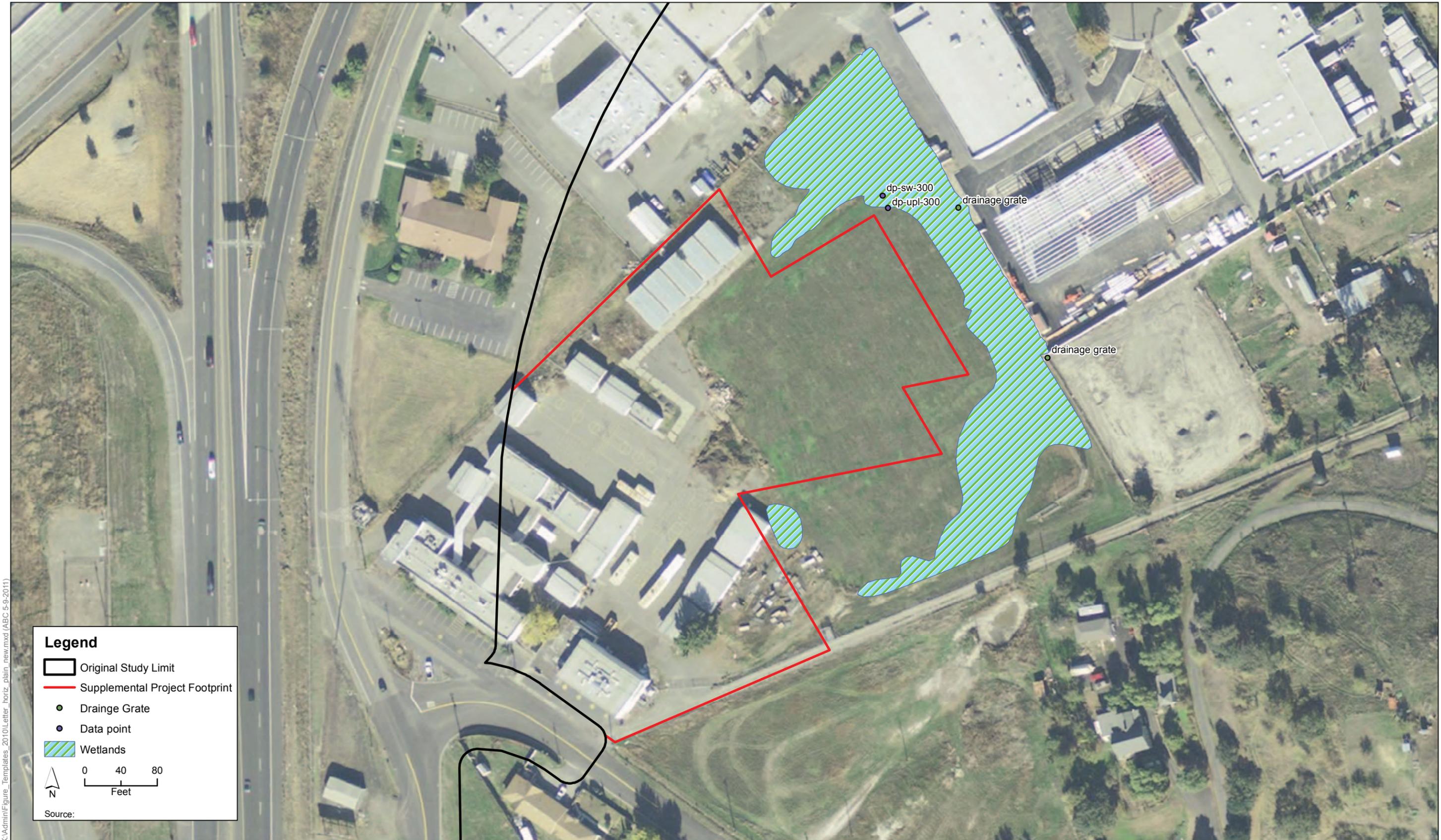
Legend

- Permanent Easement (PE)
- Project Valve Lot Location (Fee Acquisition)
- Temporary Construction Easement (TCE)
- APN Parcel
- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)

Acquisition and Easement Locations

Figure

**ATTACHMENT B:
DELINEATION MAP AND DATA FORMS**



K:\Admin\Figure_Templates_2010\Letter_horiz_plain_new.mxd (AEC 5-9-2011)

Legend

- Original Study Limit
- Supplemental Project Footprint
- Drainage Grate
- Data point
- Wetlands

0 40 80
Feet

Source:

Figure 1
Wetland Delineation

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: I-80/68/12 PG&E Valueloft City/County: Solano Sampling Date: 12-13-11
 Applicant/Owner: STA State: CA Sampling Point: SW-Wet
 Investigator(s): Webber, Hal Durio Section, Township, Range: (Verified Map Sheet #16)
 Landform (hillslope, terrace, etc.): plain Local relief (concave, convex, none): none Slope (%): 0
 Subregion (LRR): Mediterranean California (LRR C) Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: Pescadero Clay NWI Classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No _____ Hydric Soil Present? Yes <u>X</u> No _____ Wetland Hydrology Present? Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes <u>X</u> No _____
Remarks: <u>Site is a former school. Wetland located in north corner, beyond where the buildings were – torn down 78 yrs. ago. Was likely mowed/maintained when the school was here.</u>	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
<u>Tree Stratum</u> (Plot size: _____)				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>#DIV/0!</u> (A/B)
1. _____				
2. _____				
3. _____				
4. _____				
	_____ = Total Cover			
<u>Sapling/Shrub Stratum</u> (Plot size: _____)				Prevalence Index Worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x1 = <u>0</u> FACW species _____ x2 = <u>0</u> FAC species _____ x3 = <u>0</u> FACU species _____ x4 = <u>0</u> UPL species _____ x5 = <u>0</u> Column Totals: <u>0</u> (A) _____ (B) Prevalence Index = B/A = <u>#DIV/0!</u>
1. _____				
2. _____				
3. _____				
4. _____				
	_____ = Total Cover			
<u>Herb Stratum</u> (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: ##### Dominance Test is >50% ##### Prevalence Index is ≤3.0 ¹ _____ Morphological Adaptation ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain)
1. <u>Dactylis spicata</u>	<u>75</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Plantago lanceolata</u>	<u>5</u>	<u>N</u>	<u>FAC-</u>	
3. <u>Lolium multiflorum</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
4. <u>Festuca arundinacea</u>	<u>5</u>	<u>N</u>	<u>FAC-</u>	
5. <u>Hordeum marinum var. guss.</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
6. <u>Loxopus serriola</u>	<u><5</u>	<u>N</u>	<u>FAC</u>	
7. <u>Hordeum murinum</u>	<u><5</u>	<u>N</u>	<u>FAC+</u>	
	<u>100%</u> = Total Cover			
<u>Woody Vine Stratum</u> (Plot size: _____)				Hydrophytic Vegetation Present? Yes <u>X</u> No _____
1. _____				
2. _____				
% Bare Ground in Herb Stratum <u>0</u>		% Cover of Biotic Crust <u>0</u>		

Remarks: _____

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-5	10YR 3/2	85	2.5YR 4/6	15	RM	M	Sic	
6-14	10YR 3/2	98	2.5YR 4/6	2	RM	M	Sic	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5) (LRR C)
- 1 cm Muck (A9) (LRR D)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Mucky Mineral (S1)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)
- Loamy Mucky Mineral (F1)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Vernal Pools (F9)

Indicators for Problematic Hydric Soils³:

- 1 cm Muck (A9) (LRR C)
- 2 cm Muck (A10) (LRR B)
- Reduced Vertic (F18)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks: Soils include a lot of fill material, disturbed areas, some redox may be foreign fill matter.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water Marks (B1) (Riverine)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Sediment Deposits (B2) (Riverine)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Drift Deposits (B3) (Riverine)
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> FAC-Neutral Test (D5)
<input type="checkbox"/> Salt Crust (B11)	
<input type="checkbox"/> Biotic Crust (B12)	
<input type="checkbox"/> Aquatic Invertebrates (B13)	
<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	
<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	
<input type="checkbox"/> Presence of Reduced Iron (C4)	
<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	
<input type="checkbox"/> Thin Muck Surface (C7)	
<input checked="" type="checkbox"/> Other (Explain in Remarks)	

Field Observations:

Surface Water Present? Yes No Depth (inches): _____
 Water Table Present? Yes No Depth (inches): _____
 Saturation Present? Yes No Depth (inches): _____
 (includes capillary fringe)

Wetland Hydrology Present? Yes No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: Slightly depressional area

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: I 80/689/12 PG+E Value Lot City/County: Solano Sampling Date: 12-13-11
 Applicant/Owner: STA State: CA Sampling Point: Upland
 Investigator(s): Webber, Hal Durro Section, Township, Range: (Verified Map Sheet #16)
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): 0
 Subregion (LRR): Mediterranean California (LRR C) Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: Pescadero Clay NWI Classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/> Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Remarks: _____ _____ _____	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u> </u>)				
1.				
2.				
3.				
4.				
				=Total Cover
Sapling/Shrub Stratum (Plot size: <u> </u>)				
1.				
2.				
3.				
4.				
5.				
				=Total Cover
Herb Stratum (Plot size: <u>5'</u>)				
1.	<u>30</u>	<u>Y</u>	<u>NI</u>	
2.	<u>30</u>	<u>Y</u>	<u>FAC</u>	
3.	<u>15</u>	<u>N</u>	<u>FAC</u>	
4.	<u>10</u>	<u>N</u>	<u>FACU</u>	
5.	<u>15</u>	<u>N</u>	<u>NI</u>	
6.				
7.				
8.				
				<u>100%</u> =Total Cover
Woody Vine Stratum (Plot size: <u> </u>)				
1.				
2.				
				=Total Cover
% Bare Ground in Herb Stratum <u>0</u>	% Cover of Biotic Crust <u>0</u>			

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)
 Total Number of Dominant Species Across All Strata: _____ (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: #DIV/0! (A/B)

Prevalence Index Worksheet:
 Total % Cover of: _____ Multiply by: _____
 OBL species _____ x1 = 0
 FACW species _____ x2 = 0
 FAC species _____ x3 = 0
 FACU species _____ x4 = 0
 UPL species _____ x5 = 0
 Column Totals: 0 (A) 0 (B)
 Prevalence Index = B/A = #DIV/0!

Hydrophytic Vegetation Indicators:
Dominance Test is >50%
Prevalence Index is ≤3.0¹
 _____ Morphological Adaptation¹ (Provide supporting data in Remarks or on a separate sheet)
 _____ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/>
Remarks: _____ _____ _____

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-14	10YR 3/2	93	2.5YR 4/6	7	RM	M	sic	
15	10YR 3/2	93	10R 4/6	7	Rm	M	sic	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils ³ :	
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> 1 cm Muck (A9) (LRR C)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> 2 cm Muck (A10) (LRR B)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Reduced Vertic (F18)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Red Parent Material (TF2)	
<input type="checkbox"/> Stratified Layers (A5) (LRR C)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Other (Explain in Remarks)	
<input type="checkbox"/> 1 cm Muck (A9) (LRR D)	<input checked="" type="checkbox"/> Redox Dark Surface (F6)		
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Dark Surface (F7)		
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)		
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Vernal Pools (F9)		
<input type="checkbox"/> Sandy Gleyed Matrix (S4)			

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks: *Soils include a lot of fill material, disturbed, some "redox" may be foreign fill matter.*

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (2 or more required)	
Primary Indicators (minimum of one required; check all that apply)			
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Salt Crust (B11)	<input type="checkbox"/> Water Marks (B1) (Riverine)	
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Biotic Crust (B12)	<input type="checkbox"/> Sediment Deposits (B2) (Riverine)	
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Aquatic Invertebrates (B13)	<input type="checkbox"/> Drift Deposits (B3) (Riverine)	
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Drainage Patterns (B10)	
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Dry-Season Water Table (C2)	
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Crayfish Burrows (C8)	
<input type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)	
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Shallow Aquitard (D3)	
<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> FAC-Neutral Test (D5)	

Field Observations:
 Surface Water Present? Yes No Depth (inches): _____
 Water Table Present? Yes No Depth (inches): _____
 Saturation Present? Yes No Depth (inches): _____
 (includes capillary fringe)

Wetland Hydrology Present? Yes No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: *slightly upslope of wetlands*

**Addendum to the NES for the
Interstate 80/Interstate 680/State Route 12 Interchange Project**

District 4-SOL-80 (PM 10.8/17.0); SOL-680 (PM 10.0/13.1);
SOL-SR 12 (PM1.7/L2.8); and SOL-SR 12 (PM L1.8/4.8)
EA # 0A5300, Project #04-0000-0150

REASON FOR THIS ADDENDUM

Since the approval of the NES for the Interstate 80/Interstate 680/State Route 12 Interchange Project in March 2010, a change has been incorporated into the project description by the Solano Transportation Authority (STA) and the Department.

The change in the project description involves the relocation of a Pacific Gas & Electric (PG&E) valve lot to an alternate site than previously analyzed. PG&E has indicated that the site previously identified for relocation of the valve lot is not ideal for their long term needs; PG&E has thus identified an alternate site for relocation of the valve lot. The alternate site would be located on property to the east of I-680 along Central Way. This proposed site is owned by the Fairfield-Suisun Unified School District (FSUSD). See Figure 1 of **Attachment A**.

The purpose of this addendum is to update the previously approved NES and to document any changes in the analysis that results from the changes in the project description described above.

RELOCATION DESCRIPTION

Please refer to **Attachment A** of this addendum for a description of the setting and activities associated with the relocation of the PG&E valve lot to the alternate site.

ANALYSIS

Field Methods

It was necessary to conduct a field survey of the revised study area outside of the previously approved NES and BO project limits for sensitive habitats, including wetlands, and habitat for special-status plant and wildlife species. Josh Phillips, Principal Biologist of Pacific Biology, conducted reconnaissance-level field surveys on June 2 and August 23, 2011. The purpose of the field surveys was to characterize the biological resources occurring on and near the revised study area and to evaluate the potential of special-status species to occur based on the suitability of habitat, known range and life history requirements, and other factors.

The latest version of the California Natural Diversity Data Base (CNDDDB) was reviewed for the revised study area and surrounding areas. Existing spatial information depicting the project area was also compiled and reviewed, including publicly available digital ortho-rectified aerial photography and topographical quadrangle maps.

ICF International also conducted a jurisdictional wetland delineation of the revised study area on December 13, 2011.

Biological Setting

The proposed valve lot location is bordered to the north by automotive and metal finishing businesses. Green Valley Creek is located approximately 0.1 mile northeast

of the proposed valve lot location and Cordelia Slough is located approximately 0.5 mile to the southeast.

The proposed location of the valve lot is currently vacant, with the exception of an old building along the site's northern edge. The western portion of the site was previously developed with a middle school facility, but the structures have been demolished and removed. The site is currently in a disturbed condition and is dominated by non-native grasses and ruderal (i.e., weedy) plant species. Areas of exposed gravel and bare dirt occur at locations throughout the site.

The dominant plant species observed included wild oat (*Avena* sp.), Italian ryegrass (*Lolium multiflorum*), wild radish (*Raphanus raphanistrum*), Italian thistle (*Carduus pycnocephalus*), bristly ox-tongue (*Picris echioides*), common vetch (*Vicia sativa*), and bird's-foot trefoil (*Lotus corniculatus*). Rabbit's-foot grass (*Polypogon monspeliensis*) and curly dock (*Rumex crispus*), both non-native species often found in wetlands, were also observed in portions of the site. Relatively large patches of salt grass (*Distichlis spicata*), a native species usually associated with wetlands, are also present. A large and dense stand of Italian thistle occurs in the eastern portion of the site. Several moderate-sized non-native trees occur on the project site, including two tamarisks (*Tamarix* sp.) and an ash (*Fraxinus* sp.). No California ground squirrels (*Otospermophilus beecheyi*) or their associated burrows were observed on the property.

Impact Discussion

Project refinements would not substantially change the temporary and/or permanent impacts reported in the NES. For the reasons discussed below, no federally listed species are expected to occur on the proposed valve lot site. Additionally, Swainson's hawk (a state listed Threatened species) is not expected to nest on the site or rely on the site for foraging habitat. Seasonal wetlands occur on the site, but the proposed valve lot has been designed to avoid the mapped boundaries of these wetlands. Other special-status species or sensitive habitat types for which there are also no changes to the previously disclosed impacts are not discussed further in this memorandum.

Sensitive Habitats

Seasonal Wetland

Project design refinements would not result in increased impacts on seasonal wetlands in the proposed PG&E valve lot area. Based on the wetland delineation conducted by ICF, the proposed permanent and temporary construction easements are located outside of the mapped preliminary boundaries of seasonal wetlands on the parcel. Therefore, there would be no direct effects on seasonal wetlands. Implementation of the avoidance and minimization measures in the NES would protect seasonal wetlands from indirect adverse effects.

Special-Status Plant Species

Contra Costa Goldfields

Although certain types of seasonal wetlands are potential habitat for Contra Costa goldfields, the PG&E valve lot location is unlikely to support this species. First, the northeast part of the valve lot area was included in the surveys

conducted for the NES, and Contra Costa goldfields or other special-status plants were not observed in this area. Second, the site was the location of a school until approximately 3 to 4 years ago when most of the school buildings were demolished and the site was no longer maintained. The area that now supports seasonal wetland habitat was part of the school grounds and was subject to on-going disturbance during the period of years that the school was constructed and in use. Additionally, the seasonal wetlands contain a high density of salt grass, indicating high soil salinity (a condition not associated with occurrences of Contra Costa goldfields). Therefore, Contra Costa goldfields or other special-status plants are not expected to occur.

Federally or State Listed Animal Species

Vernal Pool Fairy Shrimp/Vernal Pool Tadpole Shrimp

There is no suitable habitat for vernal pool fairy shrimp, vernal pool tadpole shrimp, or other special-status branchiopods on the subject property. While seasonal wetlands are present, no signs of prolonged ponding of water (e.g., topographic depressions, cracked soils) were observed on the site. Additionally, the vegetation within the onsite seasonal wetlands is not associated with standing water. Further, the dominance of salt grass in the seasonal wetlands indicates that salinity levels on the site would not be favorable for vernal pool associated branchiopods. Given the above, the project design refinements would not result in increased impacts to federally listed branchiopods.

Swainson's Hawk

Given that the preferred species of nesting trees are not present on the valve lot property, and because of the relatively small size of the parcel, it is unlikely that Swainson's hawk would nest on the site. However, conservatively, the avoidance and minimization measures in the NES would be implemented to ensure that an active Swainson's hawk nest is not disturbed.

A Swainson's hawk nest was documented along Cordelia Slough in 2004, approximately 0.7 mile southeast of the proposed valve lot location. This nest location is within a riparian area and is near large expanses of agricultural fields that provide foraging habitat. While this nest site is within 1-mile of the proposed valve lot location, it is considered unlikely that Swainson's hawk would forage on that property given the relatively small size of the site and the extent of development surrounding the site. More specifically, the CDFG Mitigation Guidelines (1994) state that mitigation pursuant to CEQA or Management Authorization from the CDFG is not required for infill (within an already urbanized area) for project sites that have less than 5-acres of foraging habitat. While the valve lot property is approximately 7-acres in size, at least 1/3 of the site contains a tall dense growth of Italian thistle and does not provide suitable foraging habitat. Additionally, portions of the site contain a high density of gravel. Therefore, the acreage of suitable foraging habitat on the property is less than 5-acres, and the proposed project would only permanently develop 1.3 acres of this area. Further, approximately 1/3 of the valve lot property was previously developed with a school, and therefore, did not provide potential foraging habitat until recently. The proposed valve lot would be constructed within this previously developed portion of the property. Given the above, the project

design refinements would not result in increased impacts due to the loss of foraging habitat potentially used by Swainson's hawk.

California Red-Legged Frog

The proposed valve lot property contains a dense growth of ruderal plant species and is separated from known occurrences of California red-legged frogs by developed areas and/or highways. While some seasonal wetland vegetation is present on the property, there are no ponds or other aquatic features that could support breeding.

The closest documented occurrence of California red-legged frog to the property is from Mangels Pond, which is located approximately 1.1 miles to the west of the subject property. This occurrence is separated from the subject property by I-80 and I-680 and there is no clear dispersal pathway to the subject property. The next closest documented occurrence of California red-legged frog is approximately 3.5 miles to the southwest of the subject property. There are also barriers to movement between this location and the subject property.

Green Valley Creek is located approximately 600-feet (182.88 meters) to the northeast of the subject property. The CNDDDB does not contain any records of California red-legged frog from the creek. Additionally, the portion of the creek in the project area is channelized, contains steep banks, is perennial, and lacks canopy cover and emergent vegetation. These factors detract from the habitat suitability of the creek for California red-legged frog, primarily due to the assumed presence of predators (i.e., fish) and the lack of cover habitat. However, should California red-legged frogs occur in the creek, individual frogs are not expected to move from the creek to the subject property for the following reasons:

- Existing industrial and commercial uses create a barrier to movement between the creek and the majority of the subject property.
- While there is some undeveloped land between the creek and the southeast corner of the subject property, this thin strip of land is crossed by several fences and contains scattered trailers and buildings, and thus provides very marginal upland habitat. Despite its apparent marginal value as upland habitat, the possibility for individual California red-legged frogs to leave the creek zone (should the species be present) and temporarily occur on this offsite property cannot be ruled out. However, such frogs would not be expected to move across the offsite property and onto the subject property due to its distance from the creek. More specifically, Bulger et al. (2003) found non-migrating individuals moved greatest distances (130 meters) during summer and fall rains, and terrestrial distances were smaller during the breeding season, with 90% of radio tracked frogs found within 6 meters of water. Fellers and Kleeman (2007) tracked one female for 16 months, during which she made a single 110-meter excursion. Tatarian (2008) also found that non-migrating frogs made relatively short forays into terrestrial habitats, with the average movement into terrestrial habitat in the pre-breeding period (the period of greatest movement) being 41.8 meters. As the subject property is located approximately 182 meters from the creek, which based on available data exceeds the largest excursion into terrestrial habitat by a non-migrating California red-legged frog (130 meters), and because California red-legged frogs are not known from Green Valley Creek and the marginal habitat conditions of the creek in the project area, it is not expected

that California red-legged frogs would make excursions from Green Valley Creek onto the subject property.

- The subject property is bounded on three sides by existing development and/or highways and is not located between areas of suitable California red-legged frog habitat. Therefore, the site is not part of a potential dispersal or movement route for the species and it is not expected that migrating frogs (which can move distances of over one mile) would occur on the subject property.
- A portion of the subject property was included in the original Biological Study Area (BSA) of the NES and BA. That work determined that the portion of the site included in the BSA was not California red-legged frog habitat.

There is also a small pond located approximately 30-feet south of the subject property and 400 feet south of the proposed location of the valve lot. The pond is located in the yard of a single-family home and is adjacent to a small pasture. The pond appears to have been constructed as a water source for livestock and other animals, including numerous goats, several sheep, a cow, and ducks. The pond is approximately 30 feet by 40 feet, appears to be perennial, and lacks emergent vegetation and canopy cover. Due to the lack of cover habitat, the perennial nature of the pond, the pond's heavy use by domesticated animals, and the fact that the pond is isolated from other ponds and known occurrences of California red-legged frog, it is not expected that California red-legged frogs occupy the pond. Therefore, it is not expected that individual frogs would disperse onto the subject property from the offsite pond.

Additionally, the proposed valve lot would be constructed within the portion of the property previously developed as a school and the seasonal wetland portions of the site would be avoided. For the above reasons, California red-legged frog is not expected to occur on the valve lot property and the project design refinements would not result in an increased loss of upland or dispersal habitat.

Other Special-Status Species

The subject property provides potential nesting habitat for various native bird species, including special-status species such as loggerhead shrike (*Lanius ludovicianus*). The implementation the avoidance and minimization measures in the NES would be implemented to ensure that active bird nests are not disturbed.

Burrowing owls are not expected to occur due to the absence of suitable burrows.

CONCLUSION

For the reasons described above, relocating the PG&E valve lot to the alternate site would not change the findings, recommendations, or conclusions of the NES.

REFERENCES

Bulger, J.B., N.J. Scott, and R.B. Seymour. 2003. Terrestrial activity of adult California Red-legged Frogs *Rana aurora draytonii* in coastal forest and grasslands. *Biological Conservation* 110:85-95.

Fellers, G., and P. Kleeman. 2007. California Red-legged Frog (*Rana draytonii*) movement and habitat use: Implications for conservation. *Journal of Herpetology* 41:271-281.

Tatarian, P. 2008. Movement Patterns of California Red-Legged Frog (*Rana Draytonii*) in an Inland California Environment. *Herpetological Conservation and Biology* 3(2):155-169.

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**ATTACHMENT A:
RELOCATION DESCRIPTION**

**ATTACHMENT A:
PACIFIC GAS & ELECTRIC (PG&E) VALVE LOT RELOCATION DESCRIPTION**

Project Location, Setting and Description:

The existing valve lot would be relocated within a 7.69 acre site, owned by the Fairfield Suisun Unified School District (APN 045-300-070) (see **Figure 1**), located at 3630 Ritchie Road in the City of Fairfield within Solano County. The relocated valve lot would occupy a 1.32-acre portion of the school district parcel (northwestern portion of the property). The 7.69 acre parcel would be divided into two separate parcels: 1) one 1.32-acre parcel for the relocated PG&E valve lot and portions of the pipelines leading to the valve lot which would be acquired by STA; and, 2) the remainder of the parcel (6.37 acres) for future development (development of which is not part of this project).

The project site for the valve lot is currently vacant, but was previously occupied by the Green Valley Middle School. The school has been relocated, the buildings demolished and the site has remained vacant since 2004. A portable classroom unit which is no longer used is located on the western portion of the project site, which would be removed as part of the project prior to construction.

The 7.69 acre site is bound by Ritchie Road to the west, commercial/industrial businesses to the north, and Grobric Court to the east. Cordelia Automotive, a mechanical automotive service business, and Classic Powder Coating, a metal refinishing business is immediately north of the project site. Inserv Company, a water treatment product and equipment business, is east of the project site. Vacant areas are immediately south of the project site. I-680 and I-80 are located 0.15 miles to the west and north of the project site, respectively. Green Valley Creek is 0.1 miles northeast of the project site. The Village of Cordelia Historic District is 0.2 miles south of the project site.

The existing PG&E valve lot is located between I-680 and I-80, to the east of Lopes Road (See **Figure 1**). The project would relocate the existing valve lot to a new location on the east side of I-80 (the project site) 0.2 mile (approximately 1,000 feet) east of its current location. All activities on the existing valve lot would cease as the lot would be deactivated and all pipeline maintenance equipment on site would be removed once the new valve lot is operational. Relocation of the valve lot is necessary to make way for the proposed improvements to the Green Valley overcrossing.

Figure 2 shows the plan for relocating the valve lot and pipelines. As shown in the figure, all major piping and valves would be installed below ground with the exception of aboveground pipeline extensions with valve/hand wheels to regulate gas flow. The installation of pipelines and the valve/hand wheels aboveground on the project site would require excavations of approximately 5 to 10 feet, depending on the location. The final height of the aboveground equipment would be at ground level. Additionally, a pipeline inspection gauge (pig) launcher would be installed at the project site. Pig launchers are pipeline maintenance equipment used to clean the pipeline or assess corrosion along a pipeline. Piping associated with the pig launcher would be approximately 4 to 5 feet above ground.

The finished valve lot would be approximately 1 foot above grade with an aggregate base (gravel). Maintenance equipment and pipelines installed would be enclosed with a 7-foot high chain-linked fence.

Five new underground gas pipelines would be installed to connect the existing natural gas system to the relocated valve lot (see **Figure 3**). Of the five pipelines, two pipelines would route gas to the valve lot and three pipelines would route gas from the valve lot to PG&E's existing gas distribution system. **Table 1** lists the diameter and length of the project pipelines. The capacity of the natural gas pipelines or PG&E's gas delivery system would not increase as a result of the project.

Table 1: Project Pipeline Details

Pipeline	Diameter	Length
Pipelines Routing Gas to the Valve Lot		
L-210A	32 inches	100 feet
L-210B	16 inches	350 feet
Pipelines Routing Gas from the Valve Lot		
L-210A	24 inches	1,650 feet
L-210B	16 inches	1,650 feet
L-210C	24 inches	650 feet

Source: GTS, 2011; Circlepoint, 2011.

Construction to install pipelines under roadways, including I-680, I-80, and Central Way would utilize trenchless construction methods, such as the guided boring method¹ or horizontal directional drilling², to limit surface ground disturbances. In other areas, trenching and open-cut methods would be used to install the pipelines. The direct buried sections of the pipelines would be excavated to a maximum depth of 8 feet; the new pipelines would be located at a minimum depth of 5 feet. At pipeline tie-in areas, bell holes³ would be excavated to maximum depth of 18 feet.

Figure 4 shows the areas of surface disturbances and subsurface disturbances related to project construction. All of these areas with the exception of the 7.69 acre site owned by the Fairfield Suisun Unified School District, occur within areas already identified for ground disturbance as part of the Alternative C, Phase 1 project.

The valve lot relocation would require the acquisition of 1.32 acres from the Fairfield Suisun Unified School District, and secure permanent and temporary easements needed for operation/maintenance and construction staging purposes. **Table 2** lists the Assessor Parcel Numbers (APN) and acreages associated with the acquisition and permanent easements. **Figure 5** shows the location of the fee acquisition and easements.

¹ The guided boring method of pipeline installation is a 3-step process. First, a pilot tube is pushed through the ground from a jacking shaft to a reception shaft at the end location. Second, the pilot bore is enlarged from the jacking shaft to the reception shaft using augers inside a steel casing. Lastly, the pipe is pushed behind the steel casing, and the steel casing is extracted at the reception shaft simultaneously.

² Horizontal directional drilling (HDD) is a surface-launched process whereby a pilot bore is drilled by pushing a drill pipe and drill bit from the entry point along a curved pathway to the exit point. When the pilot bore is complete, the bore is reamed in one or more passes to enlarge the bore to the diameter that can accommodate the pipe. The steel pipe is then pulled into the bore back to the entry point.

³ Bell holes are excavations made at the section joints of a pipeline. PG&E would excavate the soils to make it safe for construction employees to work.

Table 2: Project Acquisition and Permanent Easements

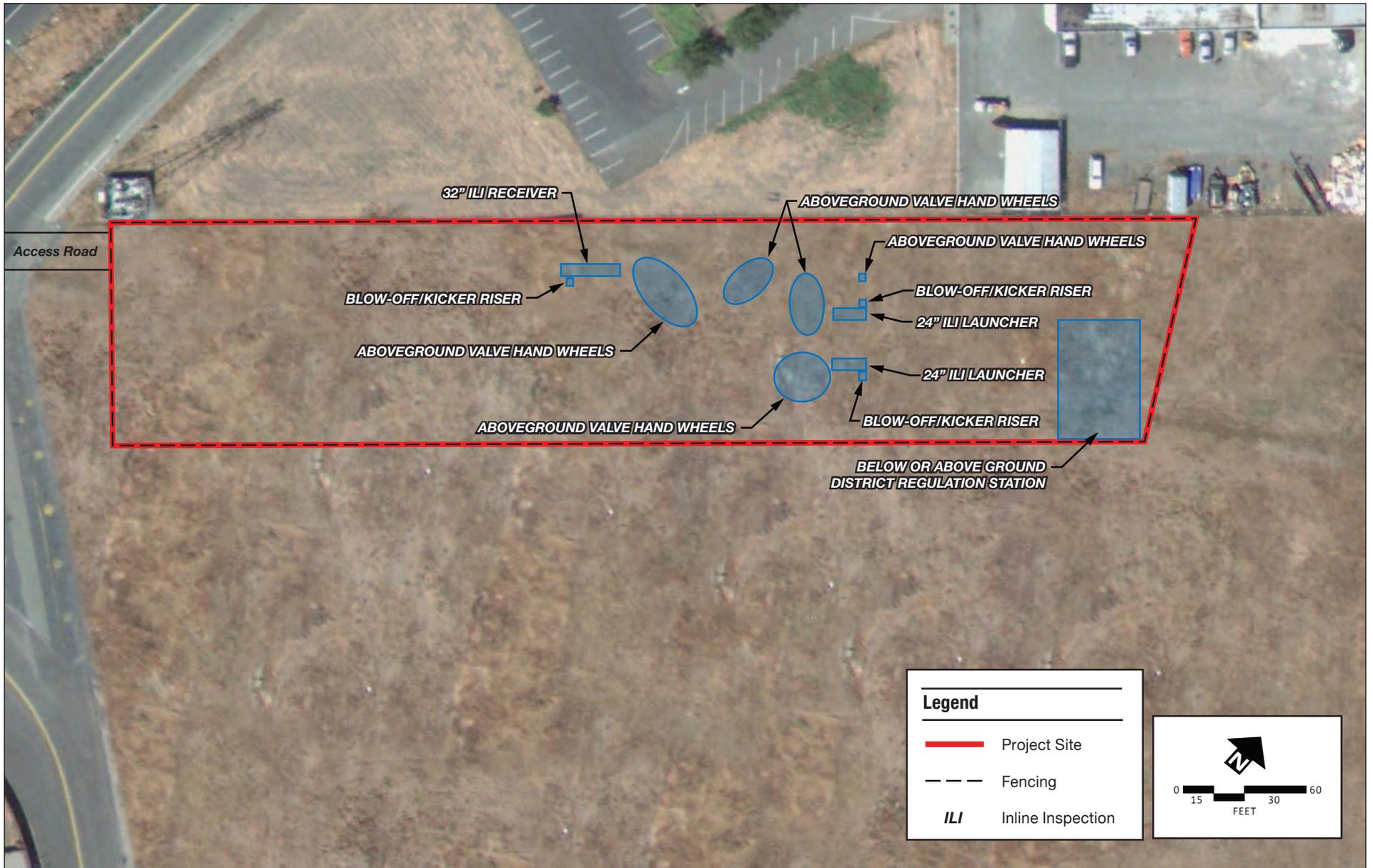
APN	Owner	Acreage
Fee Acquisition		
0045-3000-070	Fairfield Suisun Unified School District	1.32 acres
<i>Total Acreages under Fee Acquisition</i>		<i>1.32 acres</i>
Permanent Easements		
0045-300-040	James L. & Cheryl C. Campi	0.12 acres
0045-300-070	Fairfield Suisun Unified School District	0.07 acres
<i>Total Acreages under Permanent Easement</i>		<i>0.19 acres</i>

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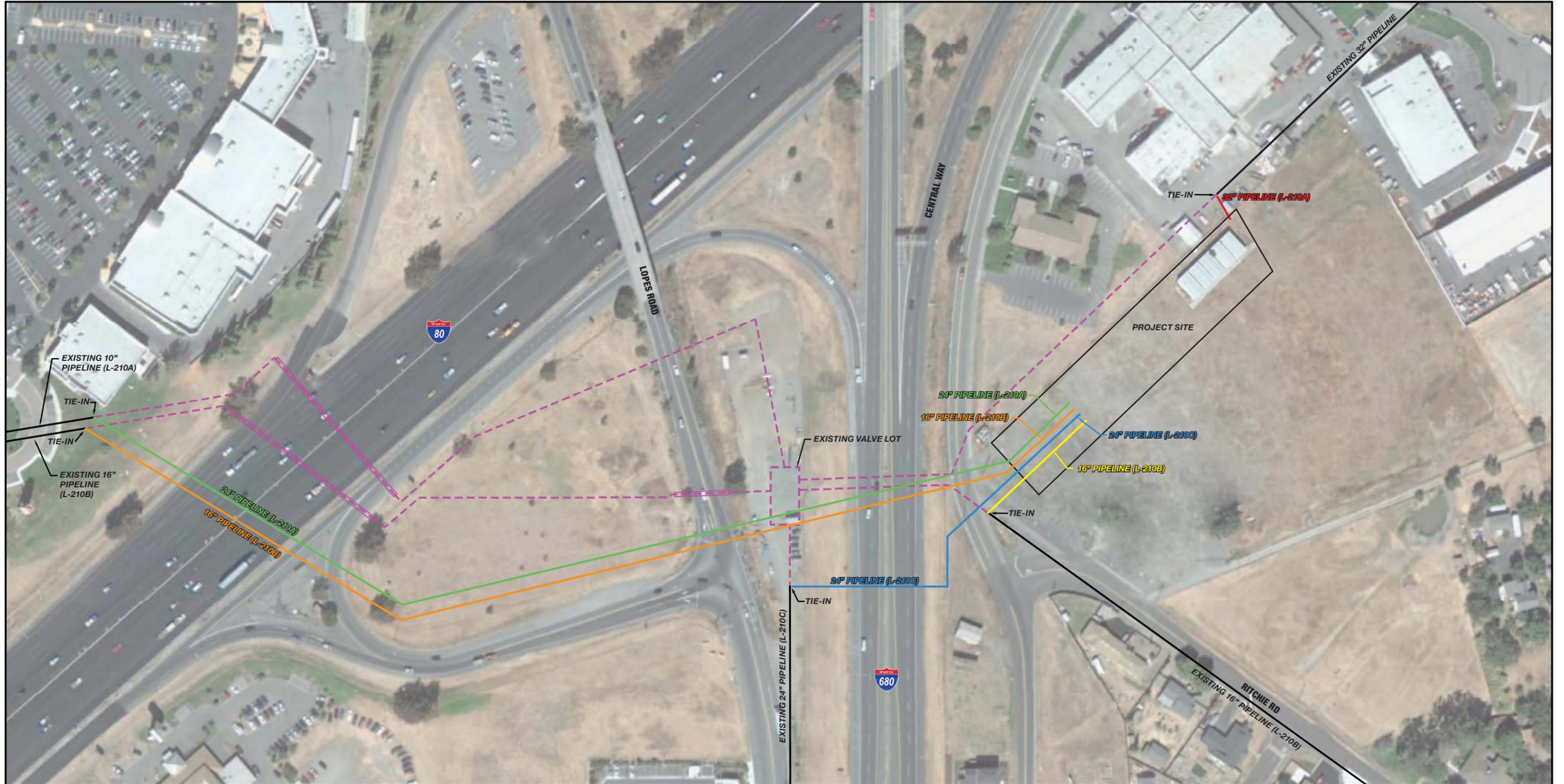
Project Location Map

Figure



Project Site Plan

Figure



Legend

- EXISTING PIPELINES**
- Existing Transmission System to Remain
 - - - Existing Pipelines and Valve Lot (To be deactivated)

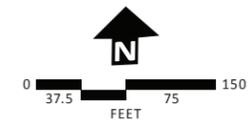
PROJECT PIPELINES

PIPELINES ROUTING GAS TO THE VALVE LOT

- L-210 A
- L-210 B

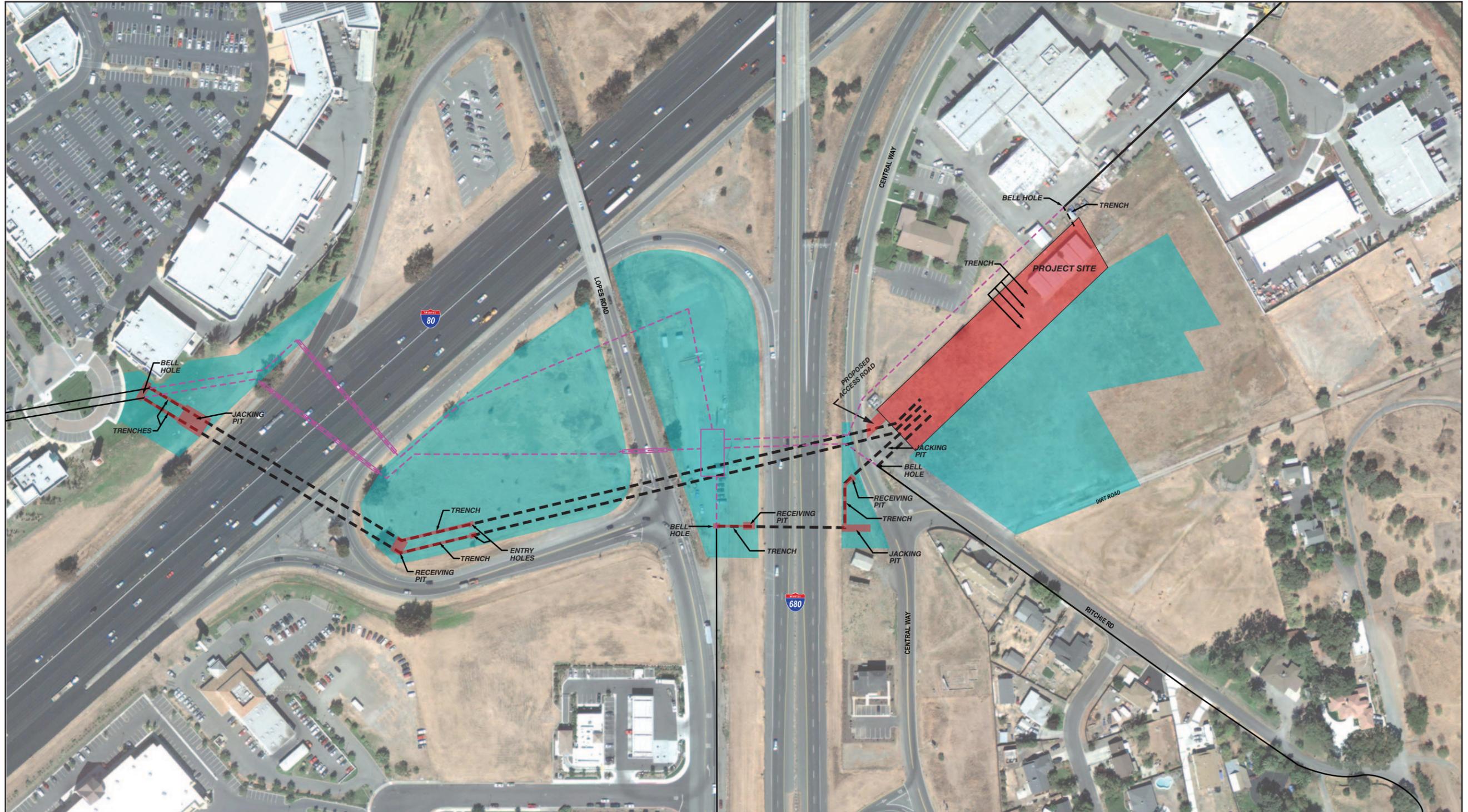
PIPELINES ROUTING GAS FROM THE VALVE LOT

- L-210 A
- L-210 B
- L-210 C



Off-Site Pipelines

Figure

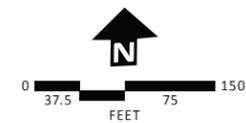


Legend

Areas of Disturbance

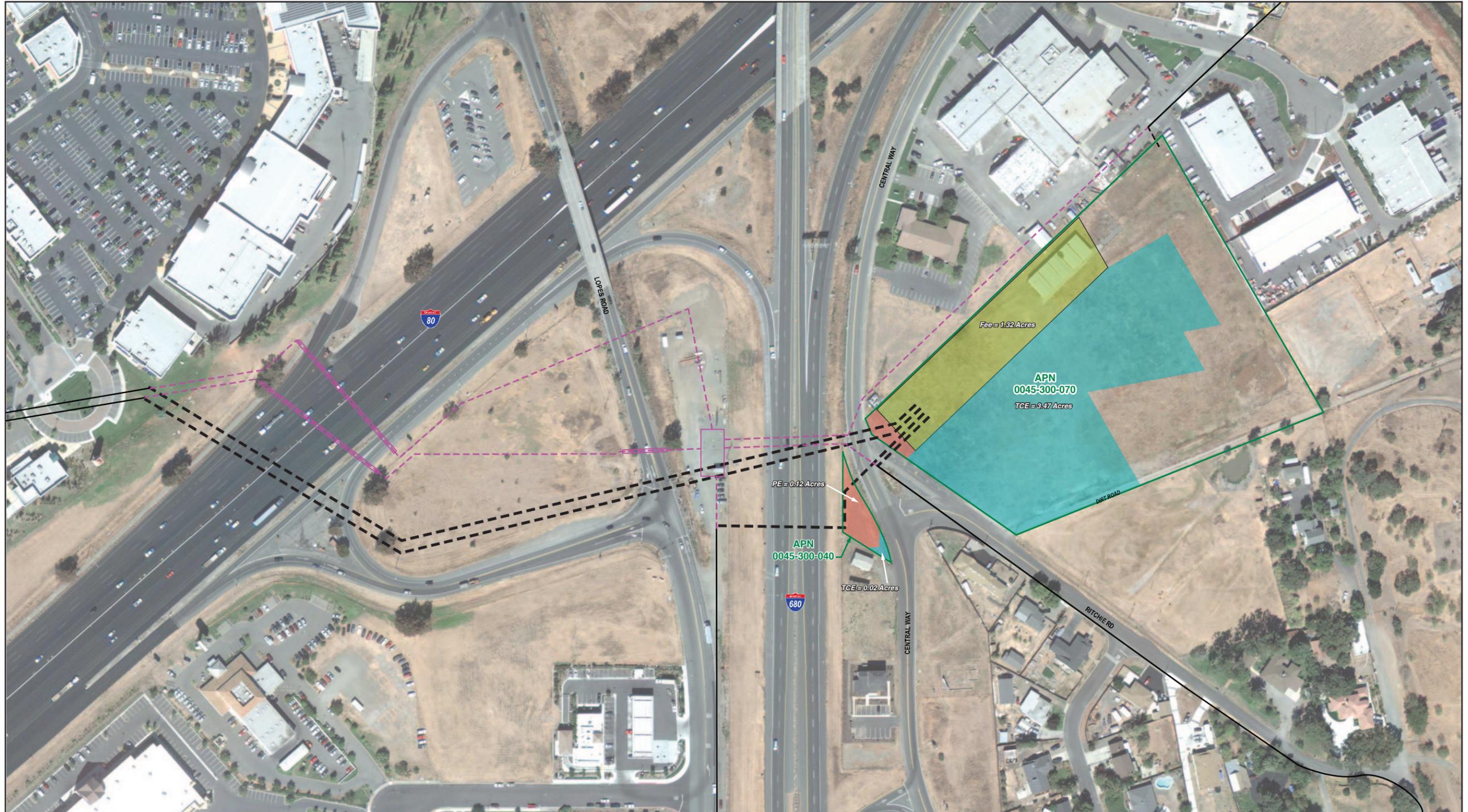
- Construction Impact Areas (Temporary Construction Easements)
- Soil Disturbance Area

- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)



* Areas of disturbance include permanent and temporary disturbances.

Area of Disturbance Figure



* Areas of disturbance include permanent and temporary disturbances.

Legend

- Permanent Easement (PE)
- Project Valve Lot Location (Fee Acquisition)
- Temporary Construction Easement (TCE)
- APN Parcel
- Project Pipeline
- Existing Pipeline
- Existing Pipeline (To be abandoned)

Acquisition and Easement Locations

Figure