

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**20 ACRE SCHOOL SITE PALMDALE & TOPAZ RD. (Continued)**

**S118756829**

Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Shahir Haddad  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404614  
Assembly: 33  
Senate: 21  
Status: No Action Required  
Status Date: 07/13/2005  
Restricted Use: NO  
Funding: School District  
Latitude: 34.5046  
Longitude: -117.3809  
APN: NONE SPECIFIED  
Past Use: \* UNKNOWN  
Potential COC: Lead  
Confirmed COC: 30013-NO  
Potential Description: NMA  
Alias Name: VICTOR VALLEY UHSD-20 ACRE SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: 404614  
Alias Type: Project Code (Site Code)  
Alias Name: 36650022  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Document Type: Phase 1 Addendum  
Completed Date: 07/13/2005  
Comments: Phase 1 Addendum completed

Completed Area Name: PROJECT WIDE  
Completed Document Type: Phase 1  
Completed Date: 04/04/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 06/14/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 03/24/2005

10  
NNE  
1/2-1  
0.672 mi.  
3548 ft.

**13.51 ACRE SCHOOL SITE  
AMETHYST ROAD/SENECA ROAD  
VICTORVILLE, CA 92392**

**ENVIROSTOR S107735764  
SCH N/A**

**Relative:  
Lower**

ENVIROSTOR:

Name: 13.51 ACRE SCHOOL SITE  
Address: AMETHYST ROAD/SENECA ROAD  
City,State,Zip: VICTORVILLE, CA 92392  
Facility ID: 60000075  
Status: No Further Action  
Status Date: 03/06/2006

**Actual:  
3043 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**13.51 ACRE SCHOOL SITE (Continued)**

**S107735764**

Site Code: 404613  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 14  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Rana Georges  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 33  
Senate: 21  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 34.51374  
Longitude: -117.3637  
APN: NONE SPECIFIED  
Past Use: \* UNKNOWN  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: 31000-NO  
Potential Description: NMA  
Alias Name: Proposed Seneca Road Elementary  
Alias Type: Alternate Name  
Alias Name: VICTOR VALLEY UHSD-13.51 ACRE SCL SITE  
Alias Type: Alternate Name  
Alias Name: 404613  
Alias Type: Project Code (Site Code)  
Alias Name: 60000075  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Document Type: Phase 1 Addendum  
Completed Date: 07/21/2005  
Comments: Following the submittal of Phase 1 Addendum on 7/1/2005, DTSC recognized the presence of fill material at the site. Consequently, PEA equivalent was required.

Completed Area Name: PROJECT WIDE  
Completed Document Type: Phase 1  
Completed Date: 04/05/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 11/15/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 03/06/2006

Completed Area Name: PROJECT WIDE  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 03/24/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 03/03/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

13.51 ACRE SCHOOL SITE (Continued)

S107735764

Comments: DTSC approved final PEA with a No Further Action determination

SCH:

Name: 13.51 ACRE SCHOOL SITE  
Address: AMETHYST ROAD/SENECA ROAD  
City,State,Zip: VICTORVILLE, CA 92392  
Facility ID: 60000075  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 14  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Rana Georges  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404613  
Assembly: 33  
Senate: 21  
Status: No Further Action  
Status Date: 03/06/2006  
Restricted Use: NO  
Funding: School District  
Latitude: 34.51374  
Longitude: -117.3637  
APN: NONE SPECIFIED  
Past Use: \* UNKNOWN  
Potential COC: NONE SPECIFIED, No Contaminants found  
Confirmed COC: 31000-NO  
Potential Description: NMA  
Alias Name: Proposed Seneca Road Elementary  
Alias Type: Alternate Name  
Alias Name: VICTOR VALLEY UHSD-13.51 ACRE SCL SITE  
Alias Type: Alternate Name  
Alias Name: 404613  
Alias Type: Project Code (Site Code)  
Alias Name: 60000075  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Document Type: Phase 1 Addendum  
Completed Date: 07/21/2005  
Comments: Following the submittal of Phase 1 Addendum on 7/1/2005, DTSC recognized the presence of fill material at the site. Consequently, PEA equivalent was required.

Completed Area Name: PROJECT WIDE  
Completed Document Type: Phase 1  
Completed Date: 04/05/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Environmental Oversight Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**13.51 ACRE SCHOOL SITE (Continued)**

**S107735764**

Completed Date: 11/15/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 03/06/2006

Completed Area Name: PROJECT WIDE  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 03/24/2005

Completed Area Name: PROJECT WIDE  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 03/03/2006  
Comments: DTSC approved final PEA with a No Further Action determination

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ADELANTO	S126984100	NURSERY PRODUCTS, LLC	PANSY ROAD - WEST OF ASTER RD.	92301	SWF/LF
VICTORVILLE	S107539714		ON BALDY MESA ROAD, 1 MILE SOU	92392	CDL
VICTORVILLE	S107526534		.5 MILE SO OF SYCAMORE & E OF	92392	CDL

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	09/06/2022	09/06/2022	10/26/2022
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
CA	BROWNFIELDS	Considered Brownfields Sites Listing	State Water Resources Control Board	12/14/2022	12/14/2022	03/07/2023
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2020	11/30/2022	02/09/2023
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	01/05/2023	01/06/2023	01/10/2023
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	01/05/2023	01/06/2023	01/11/2023
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	01/06/2023	01/06/2023	01/11/2023
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	08/02/2022	10/17/2022	01/04/2023
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	11/28/2022	11/29/2022	02/13/2023
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	12/14/2022	12/14/2022	03/07/2023
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/22/2023
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	12/07/2021	05/09/2022	05/17/2022
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	11/28/2022	11/29/2022	02/13/2023
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	11/14/2022	11/14/2022	02/01/2023
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	11/17/2022	11/30/2022	02/14/2023
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/27/2021	09/01/2021	11/19/2021
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2020	06/13/2022	08/30/2022
CA	ENF	Enforcement Action Listing	State Water Resources Control Board	10/17/2022	10/19/2022	01/10/2023
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	10/12/2022	10/12/2022	12/29/2022
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/08/2022	11/23/2022	02/13/2023
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/16/2022	11/22/2022	02/13/2023
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2021	07/05/2022	09/19/2022
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/10/2022	11/10/2022	02/01/2023
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	01/03/2023	01/04/2022	03/21/2023
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	04/05/2022	04/05/2022	04/26/2022
CA	ICE	ICE	Department of Toxic Substances Control	11/10/2022	11/10/2022	02/01/2023
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	12/02/2022	12/02/2022	02/21/2023
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	02/23/2023	02/24/2023	03/23/2023
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/22/2023
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/10/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023
CA	MINES	Mines Site Location Listing	Department of Conservation	12/02/2022	12/02/2022	02/22/2023
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	10/31/2022	11/29/2022	02/14/2023
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	12/02/2022	12/02/2022	03/01/2023
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/03/2022	11/03/2022	01/25/2023
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	11/28/2022	11/29/2022	02/14/2023
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	12/02/2022	12/02/2022	02/23/2023
CA	PROC	Certified Processors Database	Department of Conservation	12/02/2022	12/02/2022	02/22/2023
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover	07/01/2013	07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board	12/02/2022	12/02/2022	12/30/2013
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	11/03/2022	11/07/2022	02/21/2023
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	11/03/2022	11/07/2022	01/24/2023
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2005	11/18/2005	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victori	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/03/2022	11/03/2022	01/25/2023
CA	SWRCY	Recycler Database	Department of Conservation	12/02/2022	12/02/2022	02/22/2023
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Department of Conservation	12/02/2022	12/02/2022	02/22/2023
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	12/02/2022	12/02/2022	02/21/2023
CA	UST	Active UST Facilities	SWRCB	12/02/2022	12/02/2022	02/22/2023
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	11/28/2022	12/02/2022	02/23/2023
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	12/02/2022	12/02/2022	02/23/2023
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	12/02/2022	12/02/2022	02/21/2023
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	12/20/2022	12/20/2022	03/10/2023

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	02/23/2022	03/31/2022	11/08/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2022	10/21/2022	01/10/2023
US	CORRACTS	Corrective Action Report	EPA	03/06/2023	03/09/2023	03/20/2023
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	01/25/2023	02/02/2023	02/28/2023
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/25/2022	09/30/2022	12/22/2022
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency			
US	ERNS	Emergency Response Notification System	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	FEDERAL FACILITY	Federal Facility Site Information listing	National Response Center, United States Coast	12/12/2022	12/14/2022	12/19/2022
US	FEDLAND	Federal and Indian Lands	Environmental Protection Agency	12/20/2022	12/21/2022	03/10/2023
US	FEMA UST	Underground Storage Tank Listing	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FINDS	Facility Index System/Facility Registry System	FEMA	10/14/2021	11/05/2021	02/01/2022
US	FTTS	FIFRA/ TSCA Tracking System	EPA	02/02/2023	02/28/2023	03/24/2023
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	U.S. Army Corps of Engineers	11/01/2022	11/10/2022	02/09/2023
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	EPA	11/10/2022	11/10/2022	02/09/2023
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	ICIS	Integrated Compliance Information System	U.S. Department of Transportation	12/13/2022	12/14/2022	03/10/2023
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/19/2022	12/06/2022	03/03/2023
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2022	06/13/2022	08/16/2022
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	11/26/2022	12/06/2022	03/03/2023
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	11/23/2022	12/06/2022	03/03/2023
US	INDIAN RESERV	Indian Reservations	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA, Region 1	10/19/2022	12/06/2022	03/03/2023
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2022	06/13/2022	08/16/2022
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 4	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	11/23/2022	12/06/2022	03/03/2023
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/25/2023	02/02/2023	02/28/2023
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/25/2023	02/02/2023	02/28/2023
US	LUCIS	Land Use Control Information System	Department of the Navy	11/02/2022	11/08/2022	01/10/2023
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	02/27/2023	03/01/2023	03/24/2023
US	MPLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	10/26/2022	11/22/2022	12/05/2022
US	NPL	National Priority List	EPA	01/25/2023	02/03/2023	02/28/2023
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	01/20/2022	01/20/2022	03/25/2022
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PCS INACTIVE	Listing of Inactive PCS Permits	EPA	11/05/2014	01/06/2015	05/06/2015
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	08/22/2018	03/31/2022	11/08/2022
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	02/23/2022	03/31/2022	11/08/2022
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	PFAS NPL	Superfund Sites with PFAS Detectors Information	Environmental Protection Agency	02/23/2022	07/08/2022	11/08/2022
US	PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	08/22/2018	10/26/2022	11/08/2022
US	PFAS RCRA MANIFEST	PFAS Transfers Identified in the RCRA Database Listing	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	03/07/2023	03/07/2023	03/24/2023
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	PRP	Potentially Responsible Parties	EPA	10/27/2022	11/01/2022	11/15/2022
US	Proposed NPL	Proposed National Priority List Sites	EPA	01/25/2023	02/02/2023	02/28/2023
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-VSOG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RMP	Risk Management Plans	Environmental Protection Agency	04/27/2022	05/04/2022	05/10/2022
US	ROD	Records Of Decision	EPA	01/25/2023	02/02/2023	02/28/2023
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	01/25/2023	02/02/2023	02/28/2023
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/25/2023	02/02/2023	02/28/2023
US	SSTS	Section 7 Tracking Systems	EPA	10/17/2022	10/18/2022	01/10/2023
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2021	11/01/2022	02/09/2023
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	02/23/2022	03/10/2022	03/10/2022
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/27/2022	11/16/2022	02/09/2023
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	12/13/2022	12/14/2022	03/10/2023
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/27/2022	11/16/2022	02/09/2023
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/07/2022	11/17/2022	02/10/2023
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	11/09/2021	10/20/2022	01/10/2023
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	11/16/2022	11/16/2022	02/06/2023
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	10/29/2021	01/19/2022
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
CA	State Wetlands	Wetland Inventory	Department of Fish and Wildlife			
US	Topographic Map	Current USGS 7.5 Minute Topographic Map	U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St. Acronym Full Name Government Agency Gov. Date Arvl. Date Active Date

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

ST. JOHN OF GOD MEDICAL FACILITY  
13333 PALMDALE ROAD  
VICTORVILLE, CA 92392

### TARGET PROPERTY COORDINATES

Latitude (North): 34.503512 - 34° 30' 12.64"  
Longitude (West): 117.370781 - 117° 22' 14.81"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 465961.7  
UTM Y (Meters): 3817853.0  
Elevation: 3104 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 12016037 VICTORVILLE, CA  
Version Date: 2018

Southeast Map: 12015979 HESPERIA, CA  
Version Date: 2018

Southwest Map: 12015953 BALDY MESA, CA  
Version Date: 2018

Northwest Map: 12015937 ADELANTO, CA  
Version Date: 2018

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).

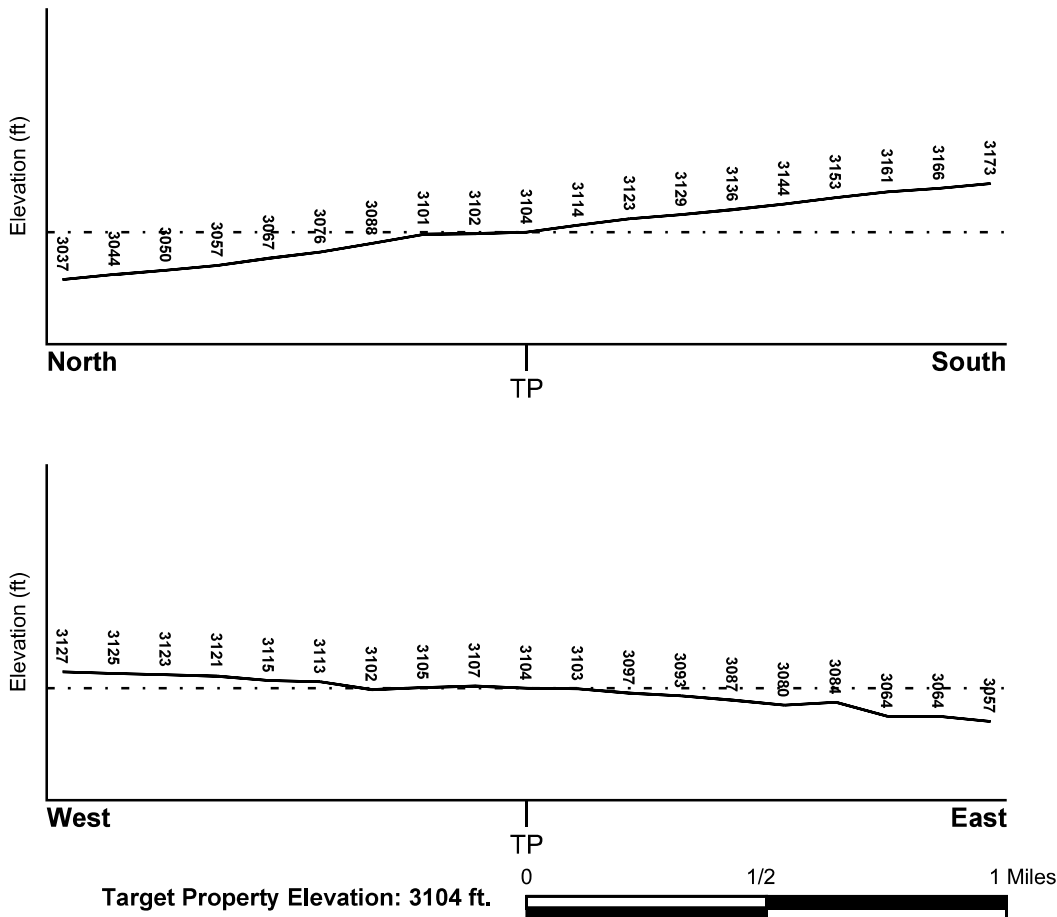
## TOPOGRAPHIC INFORMATION

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 NNE

## 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>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06071C5815H	FEMA FIRM Flood data

<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06071C5795H	FEMA FIRM Flood data
06071C5795F	FEMA Q3 Flood data
06071C5815F	FEMA Q3 Flood data
06071C6480H	FEMA FIRM Flood data
06071C6480F	FEMA Q3 Flood data
06071C6475F	FEMA Q3 Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
VICTORVILLE	YES - refer to the Overview Map and Detail Map

## **HYDROGEOLOGIC INFORMATION**

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

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

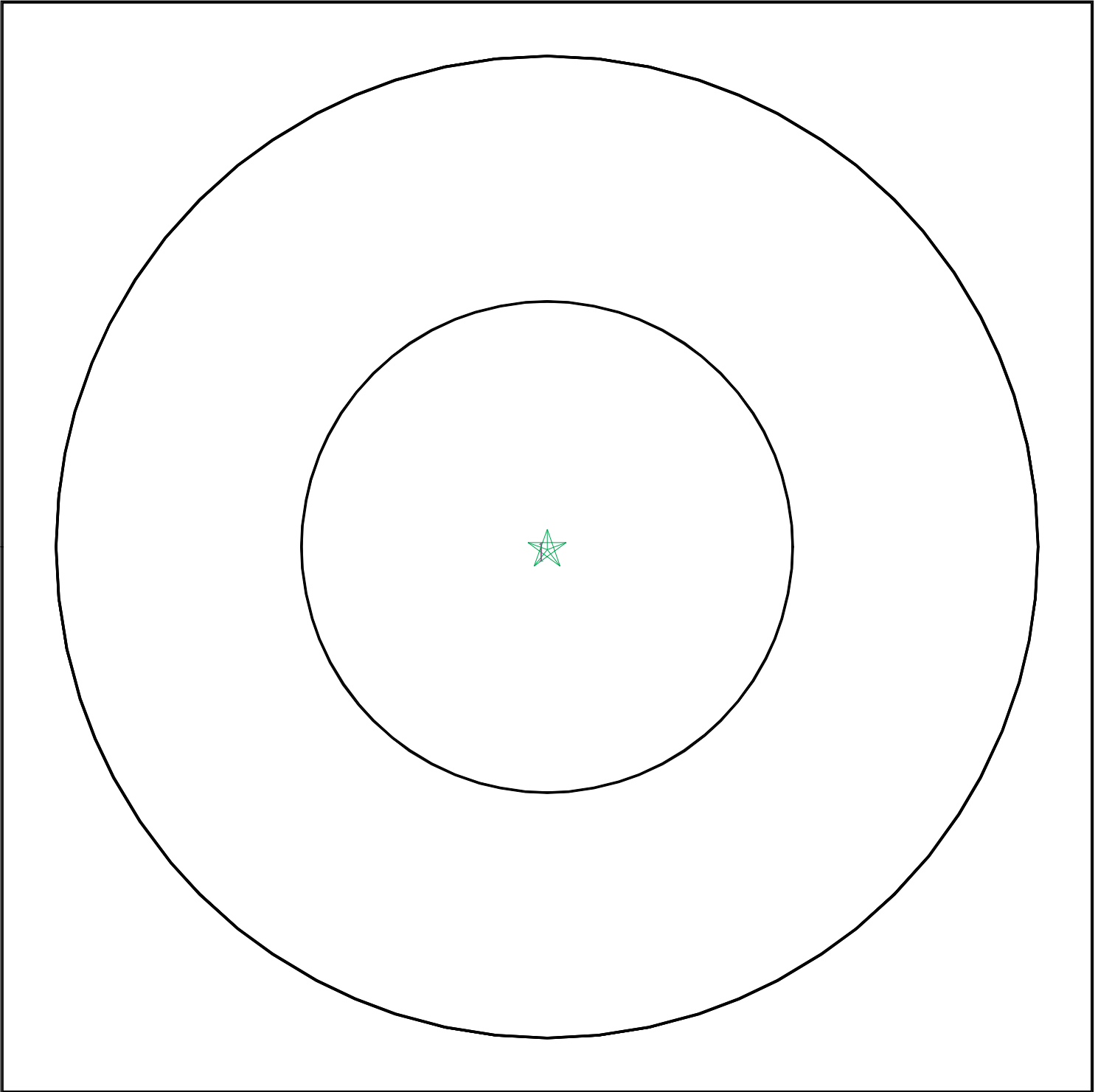
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 7290105.2s



- ★ Target Property
- /V SSURGO Soil
- A/ Water



SITE NAME: St. John of God Medical Facility  
ADDRESS: 13333 Palmdale Road  
Victorville CA 92392  
LAT/LONG: 34.503512/117.370781

CLIENT: Terracon  
CONTACT: Sarah Workman  
INQUIRY#: 7290105.2s  
DATE: March 27, 2023 8:59 am

# 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: BRYMAN

Soil Surface Texture:  
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

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		Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	9 inches	42 inches		Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
3	42 inches	59 inches		Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B3	USGS40000146305	1/8 - 1/4 Mile SW
C5	USGS40000146244	1/2 - 1 Mile SE
F13	USGS40000146482	1/2 - 1 Mile NNW
E15	USGS40000146407	1/2 - 1 Mile ENE

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

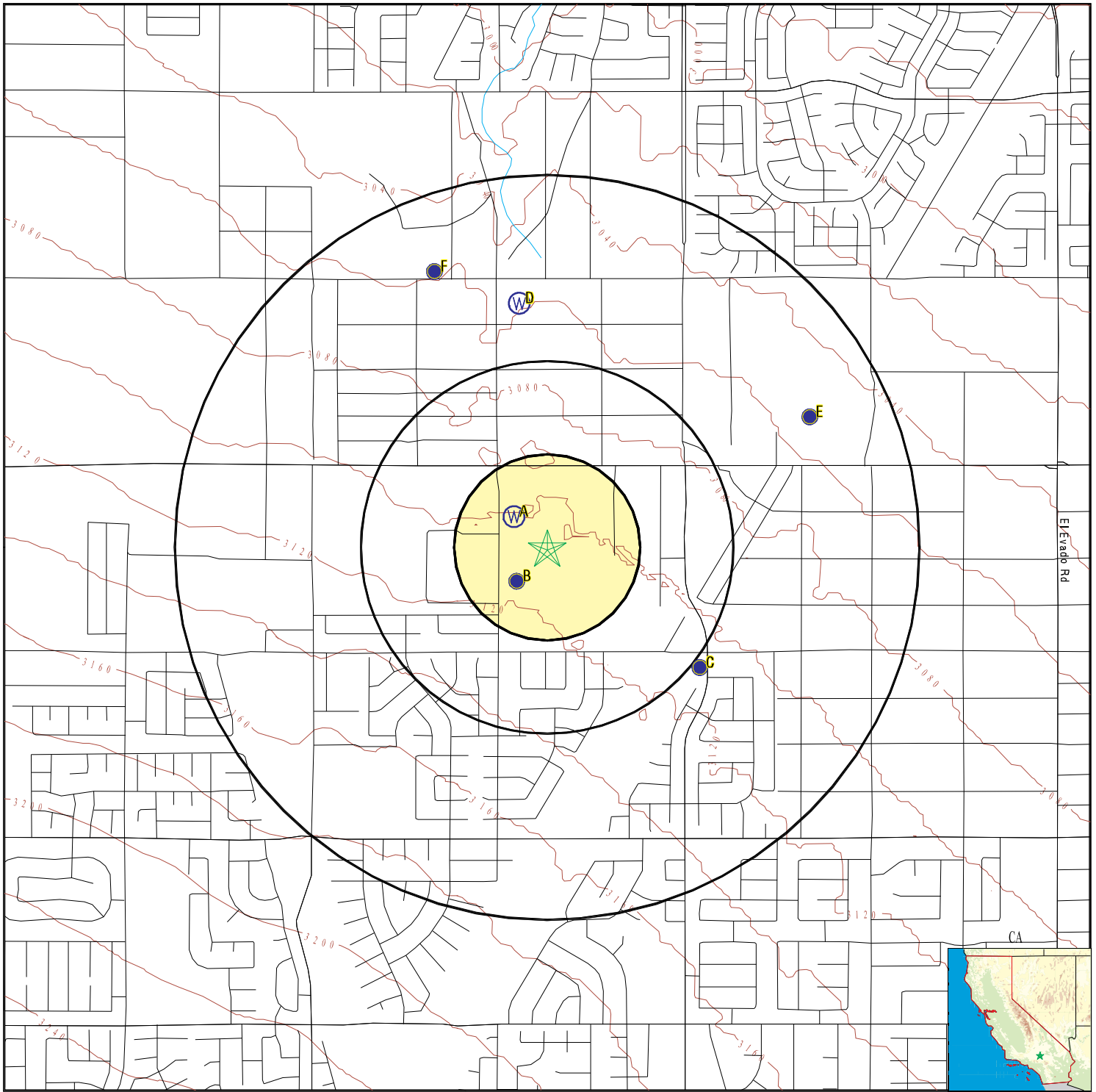
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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>
A1	CADDW0000014823	0 - 1/8 Mile NW
B2	CADWR9000009914	0 - 1/8 Mile SW
A4	3202	1/8 - 1/4 Mile NW
C6	CADDW0000006695	1/2 - 1 Mile SE
D7	CADDW0000021257	1/2 - 1 Mile North
D8	3200	1/2 - 1 Mile North
E9	CADWR9000010003	1/2 - 1 Mile ENE
F10	CALLNL000000046	1/2 - 1 Mile NNW
F11	CAUSGSN00012673	1/2 - 1 Mile NNW
F12	CAUSGS000000414	1/2 - 1 Mile NNW
F14	CADWR9000010040	1/2 - 1 Mile NNW

# PHYSICAL SETTING SOURCE MAP - 7290105.2s



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

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



<p>SITE NAME: St. John of God Medical Facility                  ADDRESS: 13333 Palmdale Road                  Victorville CA 92392                  LAT/LONG: 34.503512/117.370781</p>	<p>CLIENT: Terracon                  CONTACT: Sarah Workman                  INQUIRY#: 7290105.2s                  DATE: March 27, 2023 8:59 am</p>
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**NW**  
**0 - 1/8 Mile**  
**Lower**

**CA WELLS      CADDW0000014823**

Well ID:	3610052-031	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 134	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3610052-031&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3610052-031&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**B2**  
**SW**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CADWR9000009914**

State Well #:	05N05W23K001S	Station ID:	25496
Well Name:	WELL 134	Basin Name:	Upper Mojave River Valley
Well Use:	Residential	Well Type:	Single Well
Well Depth:	680	Well Completion Rpt #:	394775

**B3**  
**SW**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS      USGS40000146305**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N005W23K001S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	199207	Well Depth:	660
Well Depth Units:	ft	Well Hole Depth:	800
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	3	Level reading date:	2004-03-01
Feet below surface:	369.4	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-02-01	Feet below surface:	368.2
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-01-01	Feet below surface:	381.0
Feet to sea level:	Not Reported	Note:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A4**  
**NW**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      3202**

Seq: 3202  
 Frds no: 3610052031  
 District: 13  
 System no: 3610052  
 Source nam: WELL 34  
 Latitude: 343017.2  
 Precision: 2  
 Comment 1: Not Reported  
 Comment 3: Not Reported  
 Comment 5: Not Reported  
 Comment 7: Not Reported

Prim sta c: 036/052-013  
 County: 36  
 User id: TAN  
 Water type: G  
 Station ty: WELL/AMBNT  
 Longitude: 1172219.3  
 Status: AR  
 Comment 2: Not Reported  
 Comment 4: Not Reported  
 Comment 6: Not Reported

System no: 3610052  
 Hqname: Not Reported  
 City: Victorville  
 Zip: 92392  
 Pop serv: 49000  
 Area serve: VICTORVILLE

System nam: Victor Valley Water District  
 Address: 17185 Yuma Street  
 State: CA  
 Zip ext: Not Reported  
 Connection: 16352

Sample date: 03-JAN-18  
 Chemical: CHROMIUM, HEXAVALENT  
 Dir: 1.

Finding: 1.1  
 Report units: UG/L

Sample date: 03-JAN-18  
 Chemical: ARSENIC  
 Dir: 2.

Finding: 7.7  
 Report units: UG/L

Sample date: 04-OCT-17  
 Chemical: ARSENIC  
 Dir: 2.

Finding: 8.9  
 Report units: UG/L

Sample date: 30-AUG-17  
 Chemical: TURBIDITY, LABORATORY  
 Dir: 0.1

Finding: 0.12  
 Report units: NTU

Sample date: 30-AUG-17  
 Chemical: SULFATE  
 Dir: 0.5

Finding: 92.  
 Report units: MG/L

Sample date: 30-AUG-17  
 Chemical: CHLORIDE  
 Dir: 0.

Finding: 3.7  
 Report units: MG/L

Sample date: 30-AUG-17  
 Chemical: POTASSIUM  
 Dir: 0.

Finding: 1.9  
 Report units: MG/L

Sample date: 30-AUG-17  
 Chemical: SODIUM  
 Dir: 0.

Finding: 57.  
 Report units: MG/L

Sample date: 30-AUG-17  
 Chemical: MAGNESIUM  
 Dir: 0.

Finding: 1.1  
 Report units: MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	30-AUG-17	Finding:	14.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	39.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	0.79
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	30-AUG-17	Finding:	56.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	56.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	30-AUG-17	Finding:	360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	30-AUG-17	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	30-AUG-17	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	30-AUG-17	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	11-JAN-17	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	11-JAN-17	Finding:	1.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	11-JAN-17	Finding:	21.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	11-JAN-17	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	11-JAN-17	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	11-JAN-17	Finding:	120.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	11-JAN-17	Finding:	3.8
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	2.1
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	62.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	1.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	19.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	54.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-JAN-17	Finding:	66.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	54.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	11-JAN-17	Finding:	410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	11-JAN-17	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	09-JAN-17	Finding:	3.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	09-JAN-17	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	19-OCT-16	Finding:	3.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	19-OCT-16	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	06-JUL-16	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	25-MAY-16	Finding:	8.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	25-MAY-16	Finding:	1.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-MAY-16	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	25-MAY-16	Finding:	34.
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	25-MAY-16	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	25-MAY-16	Finding:	8.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	25-MAY-16	Finding:	0.51
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	25-MAY-16	Finding:	87.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	25-MAY-16	Finding:	4.7
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	25-MAY-16	Finding:	1.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-MAY-16	Finding:	55.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-MAY-16	Finding:	13.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-MAY-16	Finding:	32.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	25-MAY-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-MAY-16	Finding:	68.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	25-MAY-16	Finding:	61.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	25-MAY-16	Finding:	340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	12-JAN-16	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	12-JAN-16	Finding:	60.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	12-JAN-16	Finding:	9.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	12-JAN-16	Finding:	9.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-JAN-16	Finding:	0.18
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	12-JAN-16	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	12-JAN-16	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	12-JAN-16	Finding:	9.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-JAN-16	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-JAN-16	Finding:	57.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	12-JAN-16	Finding:	4.9
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	12-JAN-16	Finding:	1.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-JAN-16	Finding:	48.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-JAN-16	Finding:	8.8
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-JAN-16	Finding:	25.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	12-JAN-16	Finding:	0.96
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-JAN-16	Finding:	68.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	12-JAN-16	Finding:	280.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-OCT-15	Finding:	9.4
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	22-JUL-15	Finding:	61.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	2.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	3.6
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	120.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-JUL-15	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-JUL-15	Finding:	3.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	22-JUL-15	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	22-JUL-15	Finding:	21.
Chemical:	CALCIUM	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-JUL-15	Finding:	60.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	66.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	54.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	1.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-JUL-15	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-JUL-15	Finding:	4.6
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	22-JUL-15	Finding:	0.43
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	01-JUL-15	Finding:	9.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	23-JUN-15	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	4.1
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUN-15	Finding:	140.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	44.
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	03-JUN-15	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-JUN-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	03-JUN-15	Finding:	5.3
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	47.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	10.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	29.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	68.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	56.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	03-JUN-15	Finding:	8.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	03-JUN-15	Finding:	290.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	03-JUN-15	Finding:	63.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	07-APR-15	Finding:	6.9
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	11-FEB-15	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	11-FEB-15	Finding:	24.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	11-FEB-15	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	11-FEB-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	11-FEB-15	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	11-FEB-15	Finding:	3.4
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	2.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	68.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	1.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	21.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	61.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	61.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	50.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	11-FEB-15	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	11-FEB-15	Finding:	4.1
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	27-JAN-15	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	27-JAN-15	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	16-SEP-14	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-SEP-14	Finding:	8.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	13-MAY-14	Finding:	42.
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	13-MAY-14	Finding:	8.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	13-MAY-14	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	13-MAY-14	Finding:	70.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	13-MAY-14	Finding:	4.7
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	52.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	11.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	31.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	73.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	60.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	8.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAY-14	Finding:	310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-MAY-14	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAY-14	Finding:	0.23
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	13-MAY-14	Finding:	4.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-APR-14	Finding:	0.69
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-APR-14	Finding:	4.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-APR-14	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	1.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	08-APR-14	Finding:	3.8
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	08-APR-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	08-APR-14	Finding:	120.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	08-APR-14	Finding:	3.8
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	65.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	1.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	19.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	54.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	65.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-APR-14	Finding:	53.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	08-APR-14	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	08-APR-14	Finding:	410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	08-APR-14	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	16-JUL-13	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JUL-13	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JUL-13	Finding:	50.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	61.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	61.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	22.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	1.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	64.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	2.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	3.5
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	120.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-JUL-13	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	16-JUL-13	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	16-JUL-13	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	16-JUL-13	Finding:	250.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	01-JUL-13	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-MAY-13	Finding:	3.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-MAY-13	Finding:	1.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-MAY-13	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-MAY-13	Finding:	51.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	62.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	55.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	20.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	340.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	66.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-MAY-13	Finding:	2.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	3.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	120.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-MAY-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	21-MAY-13	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	18-APR-13	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	23-JAN-13	Finding:	7.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-DEC-12	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-DEC-12	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	12-DEC-12	Finding:	5.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dir:	10.		
Sample date:	12-DEC-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-DEC-12	Finding:	20.
Chemical:	NICKEL	Report units:	UG/L
Dir:	10.		
Sample date:	15-NOV-12	Finding:	0.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-AUG-12	Finding:	3.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-AUG-12	Finding:	0.29
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	21-AUG-12	Finding:	31.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	3.6
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	67.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	69.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-AUG-12	Finding:	4.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	2.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	51.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	11.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-AUG-12	Finding:	61.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	8.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	17-JUL-12	Finding:	9.8
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	30-MAY-12	Finding:	4.2
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	30-MAY-12	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	30-MAY-12	Finding:	52.
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	30-MAY-12	Finding:	9.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	30-MAY-12	Finding:	68.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	30-MAY-12	Finding:	4.4
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAY-12	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAY-12	Finding:	50.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAY-12	Finding:	10.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAY-12	Finding:	29.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAY-12	Finding:	70.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAY-12	Finding:	57.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAY-12	Finding:	8.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	30-MAY-12	Finding:	320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	30-MAY-12	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	09-MAY-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	09-APR-12	Finding:	9.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	14-MAR-12	Finding:	1.4
Chemical:	POTASSIUM	Report units:	MG/L

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	14-MAR-12	Finding:	5.2
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	15.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	73.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	62.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	8.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	14-MAR-12	Finding:	250.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-MAR-12	Finding:	5.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	34.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	14-MAR-12	Finding:	130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	3.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-MAR-12	Finding:	42.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		

**C5  
SE  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000146244**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N005W25D001S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20021002	Well Depth:	690
Well Depth Units:	ft	Well Hole Depth:	750

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth Units: ft

**C6  
SE  
1/2 - 1 Mile  
Lower**

**CA WELLS CADDW0000006695**

Well ID:	3610052-033	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 138	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3610052-033&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3610052-033&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**D7  
North  
1/2 - 1 Mile  
Lower**

**CA WELLS CADDW00000021257**

Well ID:	3610052-029	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 132	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3610052-029&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3610052-029&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**D8  
North  
1/2 - 1 Mile  
Lower**

**CA WELLS 3200**

Seq:	3200	Prim sta c:	036/052-011
Frds no:	3610052029	County:	36
District:	13	User id:	TAN
System no:	3610052	Water type:	G
Source nam:	WELL 32	Station ty:	WELL/AMBNT
Latitude:	343047.1	Longitude:	1172218.2
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610052	System nam:	Victor Valley Water District
Hqname:	Not Reported	Address:	17185 Yuma Street
City:	Victorville	State:	CA
Zip:	92392	Zip ext:	Not Reported
Pop serv:	49000	Connection:	16352
Area serve:	VICTORVILLE		
Sample date:	04-OCT-17	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	25-JUL-17	Finding:	3.8
Chemical:	ARSENIC	Report units:	UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	25-JUL-17	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	25-JUL-17	Finding:	130.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	25-JUL-17	Finding:	2.9
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	2.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	61.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	2.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	22.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	64.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	0.68
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-JUL-17	Finding:	55.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	55.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	25-JUL-17	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	25-JUL-17	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	26.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	05-JUL-17	Finding:	3.4
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	18-APR-17	Finding:	2.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	28.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	18-APR-17	Finding:	3.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	18-APR-17	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	18-APR-17	Finding:	130.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	18-APR-17	Finding:	2.9
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	2.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	63.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	21.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	62.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	0.67
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-APR-17	Finding:	54.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	54.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	18-APR-17	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	18-APR-17	Finding:	430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-APR-17	Finding:	2.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	24-JAN-17	Finding:	2.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	11-JAN-17	Finding:	53.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	65.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	0.79
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-JAN-17	Finding:	65.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	22.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	2.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	62.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	0.81
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	11-JAN-17	Finding:	2.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	3.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	11-JAN-17	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	11-JAN-17	Finding:	3.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	11-JAN-17	Finding:	31.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	11-JAN-17	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-JAN-17	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	11-JAN-17	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	05-OCT-16	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	19-JUL-16	Finding:	3.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	06-APR-16	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	06-APR-16	Finding:	0.35
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	06-APR-16	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	06-APR-16	Finding:	3.3
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-16	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-16	Finding:	65.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-16	Finding:	2.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-16	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-16	Finding:	0.73
Chemical:	NITRATE (AS N)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	06-APR-16	Finding:	62.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-16	Finding:	55.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-16	Finding:	8.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	06-APR-16	Finding:	430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	06-APR-16	Finding:	0.73
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	06-APR-16	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	03-FEB-16	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	03-FEB-16	Finding:	0.32
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	03-FEB-16	Finding:	150.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	03-FEB-16	Finding:	3.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	2.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	65.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	2.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-FEB-16	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	70.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	0.63
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-FEB-16	Finding:	62.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	51.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	03-FEB-16	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	03-FEB-16	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-JAN-16	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	14-OCT-15	Finding:	3.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	22-JUL-15	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-JUL-15	Finding:	2.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	22-JUL-15	Finding:	27.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	22-JUL-15	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	3.3
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	22-JUL-15	Finding:	0.48
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	22-JUL-15	Finding:	470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-JUL-15	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-JUL-15	Finding:	54.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	66.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	73.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	25.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	2.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	62.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	6.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-JUL-15	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	15-JUL-15	Finding:	3.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-MAY-15	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	160.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	44.
Chemical:	VANADIUM	Report units:	UG/L
Dir:	3.		
Sample date:	12-MAY-15	Finding:	3.3
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dir:	10.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	12-MAY-15	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-MAY-15	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-MAY-15	Finding:	7.4
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	12-MAY-15	Finding:	4.1
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	1.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	38.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	6.7
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	20.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	7.2
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	85.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	82.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	9.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	12-MAY-15	Finding:	200.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	12-MAY-15	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	12-MAY-15	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	12-MAY-15	Finding:	52.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	12-MAY-15	Finding:	63.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	63.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	21.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	2.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	64.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	2.4
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	130.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	12-MAY-15	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-MAY-15	Finding:	28.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	12-MAY-15	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	12-MAY-15	Finding:	2.8
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	12-MAY-15	Finding:	4.2
Chemical:	PERCHLORATE	Report units:	UG/L
Dir:	4.		
Sample date:	22-APR-15	Finding:	3.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	11-FEB-15	Finding:	2.7
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	2.4
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	11-FEB-15	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	27.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	11-FEB-15	Finding:	3.4
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	11-FEB-15	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	11-FEB-15	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	11-FEB-15	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	11-FEB-15	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	68.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	2.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	22.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	65.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	65.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	53.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	03-FEB-15	Finding:	2.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	09-OCT-14	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	19-AUG-14	Finding:	3.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	29-APR-14	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	29-APR-14	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	29-APR-14	Finding:	51.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	62.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	70.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	2.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	62.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	2.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	2.7
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	29-APR-14	Finding:	150.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	29-APR-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	29-APR-14	Finding:	3.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	29-APR-14	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	29-APR-14	Finding:	2.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	29-APR-14	Finding:	0.26
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	17-APR-14	Finding:	3.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	17-APR-14	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	17-APR-14	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	17-APR-14	Finding:	52.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	63.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	72.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	2.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	60.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	2.8
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	150.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	17-APR-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	17-APR-14	Finding:	2.5
Chemical:	ARSENIC	Report units:	UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	17-APR-14	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	17-APR-14	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	17-APR-14	Finding:	2.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-APR-14	Finding:	460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JUL-13	Finding:	2.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	16-JUL-13	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-JUL-13	Finding:	2.9
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	2.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	63.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	2.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	25.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	75.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	61.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	50.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-JUL-13	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JUL-13	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JUL-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-JUL-13	Finding:	3.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JUL-13	Finding:	8.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	01-JUL-13	Finding:	2.9
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-MAY-13	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	2.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-MAY-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	21-MAY-13	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-MAY-13	Finding:	3.6
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	69.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	2.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	25.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	75.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	21-MAY-13	Finding:	61.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	50.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-13	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-MAY-13	Finding:	500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-MAY-13	Finding:	3.1
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		
Sample date:	18-APR-13	Finding:	3.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	23-JAN-13	Finding:	3.8
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	12-DEC-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-DEC-12	Finding:	3.5
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	14-NOV-12	Finding:	0.62
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	16-OCT-12	Finding:	3.2
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-AUG-12	Finding:	60.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-AUG-12	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	69.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-AUG-12	Finding:	66.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	54.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	2.8
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	2.8
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-AUG-12	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-AUG-12	Finding:	2.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-AUG-12	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	24-JUL-12	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	09-MAY-12	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	09-MAY-12	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	07-MAY-12	Finding:	2.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	07-MAY-12	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	3.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	07-MAY-12	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	07-MAY-12	Finding:	130.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	07-MAY-12	Finding:	3.2
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	2.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	66.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	2.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	20.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	59.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	67.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	55.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	07-MAY-12	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	07-MAY-12	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	14-MAR-12	Finding:	18.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-MAR-12	Finding:	8.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	14-MAR-12	Finding:	54.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	66.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	54.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	2.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-MAR-12	Finding:	2.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	60.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	2.8
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-12	Finding:	130.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	25-JAN-12	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		

**E9**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000010003**

State Well #:	05N05W24F001S	Station ID:	27867
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**F10**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CALLNL000000046**

Well ID:	101377	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	05N/05W-14P01 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

Chemical:	Argon	Results:	.000345606
Units:	cm3STP/g	Date:	02/11/2003
Chemical:	Helium-4	Results:	.000000136531
Units:	cm3STP/g	Date:	02/11/2003
Chemical:	Neon	Results:	.000000248115
Units:	cm3STP/g	Date:	02/11/2003
Chemical:	Tritium (Hydrogen 3)	Results:	.21
Units:	pCi/L	Date:	03/26/2003
Chemical:	Helium-3/Helium-4	Results:	.000000636124
Units:	atom ratio	Date:	02/11/2003
Chemical:	Krypton	Results:	.0000000743391
Units:	cm3STP/g	Date:	02/11/2003
Chemical:	Xenon	Results:	.0000000105458
Units:	cm3STP/g	Date:	02/11/2003

**F11  
NNW  
1/2 - 1 Mile  
Lower**

**CA WELLS CAUSGSN00012673**

Well ID: USGS-343051117223401 Well Type: UNK  
 Source: United States Geological Survey  
 Other Name: USGS-343051117223401 GAMA PFAS Testing: Not Reported  
 Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp\\_date=&global\\_id=&assigned\\_name=USGS-343051117223401&store\\_num=](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-343051117223401&store_num=)  
 GeoTracker Data: Not Reported

**F12  
NNW  
1/2 - 1 Mile  
Lower**

**CA WELLS CAUSGS000000414**

**F13  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000146482**

Organization ID: USGS-CA  
 Organization Name: USGS California Water Science Center  
 Monitor Location: 005N005W14P001S Type: Well  
 Description: Not Reported HUC: Not Reported  
 Drainage Area: Not Reported Drainage Area Units: Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	630
Construction Date:	19920806	Well Hole Depth:	647
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	3	Level reading date:	2004-03-01
Feet below surface:	315.1	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-02-01	Feet below surface:	316.3
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-01-01	Feet below surface:	319.8
Feet to sea level:	Not Reported	Note:	Not Reported

**F14  
NNW  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADWR9000010040**

State Well #:	05N05W14P001S	Station ID:	38092
Well Name:	WELL 132	Basin Name:	Upper Mojave River Valley
Well Use:	Residential	Well Type:	Single Well
Well Depth:	630	Well Completion Rpt #:	401107

**E15  
ENE  
1/2 - 1 Mile  
Lower**

**FED USGS    USGS40000146407**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N005W24F001S		
Description:	COMPUTER GENERATED LAT/LONG ACCURATE +/- 500 FT		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	190.6
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1957-03-19
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92392	17	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

- 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 Zip Code: 92392

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

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

### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

### California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## RADON

### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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# **APPENDIX E**

## **CREDENTIALS**

# Resumes

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## Jennifer S. Van

**Project Manager / Environmental Group Manager**

### PROFESSIONAL EXPERIENCE

Ms. Van is an Environmental Group Manager in Terracon's Carson, Los Angeles County, California Office. She has over 10 years of experience in of environmental consulting experience including environmental Services; Phase I Environmental Site Assessments (ESAs), Limited Subsurface Investigations (LSIs), Spill Prevention, Control and Countermeasure Plans, regulatory compliance and Radon Measurement Provider. She possesses excellent organization, analytical, advisory and team management skills.

Ms. Van's team managements due diligence services throughout California and has vast experience in renewable energy, healthcare, commercial and residential types of projects.

### PROJECT EXPERIENCE

#### Environmental Site Assessment (ESAs):

Performed and managed over 2,000 ESAs in California and several in Hawaii and Alaska for industrial, commercial, residential, and agricultural properties. Managed long-term national accounts for financial institutions (equity and loan portfolios), real estate investment trusts, developers and other real property owners. Understands facility operating systems; state and federal regulations; and fate and transport of chemicals through air, soil, vapor, surface water and groundwater. Is experienced in the performance of ESAs under the All Appropriate Inquiry rules (ASTM 1527-13), and meets the requirements of an Environmental Professional as defined in Section 312.10 of 40 CFR 312.

#### Radon Assessments

Performed and managed over 10 radon assessments including commercial and residential in California.

#### Limited Subsurface Investigations (LSIs):

Performed and managed over 10 LSI's in California. Investigated environmental conditions in soils and groundwater as a result of releases from a variety of sources, including service stations, dry cleaners, and a wide range of industrial and manufacturing operations. Specialized in collection and interpretation of data.



### EDUCATION

Bachelor of Science,  
Environmental Sciences: Natural  
Sciences,  
Minor: Business Administration  
University of California Riverside,  
California, 2011.

Masters: Environmental Engineering  
California State University, Fullerton,  
2018

### CERTIFICATIONS

24-Hour AHERA Asbestos  
Abatement Building Inspector  
40-Hour OSHA HAZWOPER  
National Radon Proficiency Program  
Residential Measurement Provider

### WORK HISTORY

Terracon Consultants, Inc. (Tustin,  
CA). Environmental Group Manager  
February 2018 to Present

Terracon Consultants, Inc. (Irvine,  
CA). Senior Staff Scientist  
2014 to February 2018

Terracon Consultants, Inc. (Irvine,  
CA). Staff Scientist  
August 2011 to 2014

# Resumes

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## **Spill Prevention, Control And Countermeasure Plans (SPCCs)**

Ms. Van has experience with federal and state requirements for Spill Prevention, Control and Countermeasure Plans for Tier I and II qualified facilities.

## **Regulatory Compliance, Buena Park and Tipton, California**

Project Manager for two regulatory compliance projects in Buena Park and Tipton, California, which included refrigeration and multiple dairy facilities.

## **Military Base Phase I ESAs and Soil Management Plans – San Diego County, California**

Project Manager of ESAs and SMPs of over 100 sites for proposed telecommunication small cell locations within naval bases located within the San Diego County. Findings of the ESAs were utilized in creation of the SMPs, which was implemented at the installation of telecommunications utilities on the various bases.

## **Automotive Body Shop Portfolio, California**

Portfolio assistant manager of environmental consulting services including Phase I ESA. The purpose of the services were to assist a client with a large acquisition of properties.

# Maria, Maternowski

## Assistant Scientist

### PROFESSIONAL EXPERIENCE

Maria is a assistant scientist in Terracon's Tustin, CA office. In this office, Maria helps prepare Phase I Environmental Site Assessment (ESA) reports and provides geological field work throughout Southern California. These efforts involve field surveys, interviews with property owners, Environmental Data Resource reports, file reviews at local county and city regulatory offices, surveying, drilling, electrical resistivity testing, and more. Each ESA is prepared and finalized in accordance with new ASTM Standards. Her experience ranges from small cell Towers to large scale industrial and commercial properties.

### PROJECT EXPERIENCE

#### Telecommunication Towers – California

Assisted Project Managers on Environmental Site Assessments for telecommunication tower properties.

#### Vacant Land - California

Performed site reconnaissance's, and assisted Project Managers on Environmental Site Assessments for vacant land properties.

#### Undeveloped Land - California

Performed site reconnaissance's, and assisted Project Managers on Environmental Site Assessments for undeveloped land properties.

#### Commercial Properties - California

Performed site reconnaissance's, and assisted Project Managers on Environmental Site Assessments for commercial properties.

#### Industrial Properties – California

Performed site reconnaissance's, and assisted Project Managers on Environmental Site Assessments for Industrial properties.

#### Retail Properties - California

Performed site reconnaissance's, and assisted Project Managers on Environmental Site Assessments for retail properties.

### EDUCATION

Master of Science,  
Environmental Studies,  
California State University, Fullerton,  
CA, 2020

Bachelor of Arts,  
Communications,  
Augsburg College, Minneapolis, MN,  
2014

### CERTIFICATIONS

Climate Science and Policy  
Certification,  
Scripps Institution of Oceanography,  
San Diego, CA, 2017

### WORK HISTORY

Terracon Consultants, Inc.  
Assistant Scientist,  
2021 - Present

Terracon Consultants, Inc.  
Assistant Geologist,  
2020 - 2021

Terracon Consultants, Inc.  
Environmental Intern,  
2019 – 2020

## Sarah Workman

### Assistant Scientist

#### PROFESSIONAL EXPERIENCE

Sarah is an assistant scientist in Terracon's Carson, CA office. In this office, Sarah has conducted site reconnaissance and assisted in preparing several Phase I Environmental Site Assessment (ESA) reports throughout Southern California. These efforts involve field surveys, interviews with property owners, Environmental Data Resource reports, file reviews at local county and city regulatory offices, surveying, drilling, electrical resistivity testing, and more. Each ESA is prepared and finalized in accordance with new ASTM Standards. Her experience includes vacant, undeveloped, industrial, retail, residential, and commercial properties.

#### PROJECT EXPERIENCE

##### **Vacant Land -California**

Performed site reconnaissance and assisted Project Managers on Environmental Site Assessments for vacant land properties.

##### **Undeveloped Land -California, Nevada**

Performed site reconnaissance and assisted Project Managers on Environmental Site Assessments for undeveloped land properties.

##### **Commercial Properties -California**

Performed site reconnaissance and assisted Project Managers on Environmental Site Assessments for commercial properties.

##### **Industrial Properties -California**

Performed site reconnaissance and assisted Project Managers on Environmental Site Assessments for Industrial properties.

##### **Retail Properties -California**

Performed site reconnaissance and assisted Project Managers on Environmental Site Assessments for retail properties.

#### EDUCATION

**Master of Science**, Environmental Studies  
California State University, Fullerton

**Bachelor of Arts**,  
Environmental Studies  
Eckerd College, St Petersburg FL

#### CERTIFICATIONS

**Restoration Ecology** Certificate,  
University of Idaho

#### WORK HISTORY

Terracon Consultants, Inc.  
Assistant Scientist,  
2022 - Present

Los Angeles Waterkeeper,  
Project Coordinator  
June 2015- Dec 2015

Land Use Ecological Services  
Intern  
2012

## Clifford Nale, L.G., P.G.

### SENIOR PROJECT MANAGER

#### PROFESSIONAL EXPERIENCE

Mr. Nale is a Senior Project Manager with Terracon's Seattle (Mountlake Terrace) office. His duties include the management of all phases of environmental site assessments (ESAs), business environmental risk reviews, site characterizations, and National Environmental Policy Act (NEPA) compliance assessments for wireless telecommunications providers. He also performs technical review of all environmental service projects in the Seattle office.

Over the course of his 28 years of professional environmental experience, Mr. Nale has performed site characterizations of soil and groundwater for regulatory compliance, and for remediation design projects throughout Washington, Oregon, California, Nevada and Arizona.

#### PROJECT EXPERIENCE

##### Environmental Site Assessments (ESAs)

Mr. Nale has managed and performed hundreds of ESAs throughout Washington, Oregon, California, Nevada, and Arizona for industrial, commercial, residential, and agricultural properties. He has managed projects for financial institutions, real estate investment trusts, developers, and other real property owners. Mr. Nale fully understands facility operating systems; state and federal regulations; and fate and transport of chemicals through air, soil, vapor, surface water, and groundwater. He has extensive experience and expertise in the performance of ESAs under the All Appropriate Inquiry rules (ASTM 1527-13) and meets the requirements of an Environmental Professional as defined by this rule.

##### Limited Subsurface Investigations (LSIs)

Mr. Nale has managed and performed hundreds of LSIs throughout Washington, Oregon, California, and Nevada. He has investigated environmental conditions in soils, soil vapor, and groundwater due to releases from a variety of sources, including gasoline service stations, dry cleaners, and a wide range of industrial and manufacturing facilities.

##### Remedial Investigation/Remedial Action

Mr. Nale has managed numerous Remedial Investigation (RI) and Remedial Action (RA) projects in Washington State, either through an Independent Remedial Action or in coordination with the Washington State Department of Ecology's Voluntary Cleanup Program (VCP). He has expertise in the collection and interpretation of data to pursue closure through Washington's VCP program. Mr. Nale has provided oversight on RA projects utilizing cleanup remedies, including in-situ chemical oxidation, the installation of granular-activated carbon, and large-scale dig-and-haul methods on a variety of industrial and commercial properties.

#### EDUCATION

Bachelor of Science, Engineering Geology, University of California, Los Angeles, CA

#### REGISTRATIONS

Licensed Professional Geologist:  
Washington No. 3053; California No. 7603

#### Certifications:

OSHA 40-Hour Health & Safety  
OSHA Hazardous Waste Site Supervisor/Health and Safety Officer

#### WORK HISTORY

Terracon Consultants, Inc.,  
Senior Project Manager,  
2018 – Present

# **APPENDIX F**

## **DESCRIPTION OF TERMS AND ACRONYMS**

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g., California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-21 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.”
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	<p>As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).</p>
Hazardous Waste	<p>This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."</p>
HREC	<p>Historical Recognized Environmental Condition is defined in ASTM E1527-21 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."</p>

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing “corrective action”. A “corrective action” order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-21 as 1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.
SCL	State “CERCLIS” List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State “CERCLIS” List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-21, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>